PUBLICATIONS: SAURABH W. JHA

saurabh@physics.rutgers.edu

current as of September 18, 2024

Journal Articles

260 "Ejecta Masses in Type Ia Supernovae—Implications for the Progenitor and the Explosion Scenario," Bora, Z., R. Könyves-Tóth, J. Vinkó, D. Bánhidi, I. B. Bíró, K. A. Bostroem, A. Bódi, J. Burke, I. Csányi, B. Cseh, J. Farah, A. V. Filippenko, T. Hegedüs, D. Hiramatsu, Á. Horti-Dávid, D. A. Howell, **S. W. Jha**, C. Kalup, M. Krezinger, L. Kriskovics, C. McCully, M. Newsome, A. Ordasi, E. P. Gonzalez, A. Pál, C. Pellegrino, B. Seli, Á. Sódor, Z. M. Szabó, O. N. Szabó, R. Szakáts, T. Szalai, P. Székely, G. Terreran, V. Varga, K. Vida, X. Wang, and J. C. Wheeler, 2024, PASP, 136, 094201
https://doi.org/10.1088/1538-3873/ad6e18
https://ui.adsabs.harvard.edu/abs/2024PASP..136i4201B

259 "Extended Shock Breakout and Early Circumstellar Interaction in SN 2024ggi," Shrestha, M., K. A. Bostroem, D. J. Sand, G. Hosseinzadeh, J. E. Andrews, Y. Dong, E. Hoang, D. Janzen, J. Pearson, J. E. Jencson, M. J. Lundquist, D. Mehta, A. P. Ravi, N. Meza Retamal, S. Valenti, P. J. Brown, **S. W. Jha**, C. Macrie, B. Hsu, J. Farah, D. A. Howell, C. McCully, M. Newsome, E. Padilla Gonzalez, C. Pellegrino, G. Terreran, L. Kwok, N. Smith, M. Schwab, A. Martas, R. R. Munoz, G. E. Medina, T. S. Li, P. Diaz, D. Hiramatsu, B. E. Tucker, J. C. Wheeler, X. Wang, Q. Zhai, J. Zhang, A. Gangopadhyay, Y. Yang, and C. P. Gutiérrez, 2024, ApJL, 972, L15
https://doi.org/10.3847/2041-8213/ad6907
https://ui.adsabs.harvard.edu/abs/2024ApJ...972L..15S

258 "Circumstellar Interaction Signatures in the Low-luminosity Type II SN 2021gmj," Meza-Retamal, N., Y. Dong, K. A. Bostroem, S. Valenti, L. Galbany, J. Pearson, G. Hosseinzadeh, J. E. Andrews, D. J. Sand, J. E. Jencson, D. Janzen, M. J. Lundquist, E. T. Hoang, S. Wyatt, P. J. Brown, D. A. Howell, M. Newsome, E. Padilla Gonzalez, C. Pellegrino, G. Terreran, V. Kouprianov, D. Hiramatsu, **S. W. Jha**, N. Smith, J. Haislip, D. E. Reichart, M. Shrestha, F. F. Rosales-Ortega, T. G. Brink, A. V. Filippenko, W. Zheng, and Y. Yang, 2024, ApJ, 971, 141
https://doi.org/10.3847/1538-4357/ad4d55
https://ui.adsabs.harvard.edu/abs/2024ApJ...971..141M

257 "Final Moments. II. Observational Properties and Physical Modeling of Circumstellar-material-interacting Type II Supernovae," Jacobson-Galán, W. V., L. Dessart, K. W. Davis, C. D. Kilpatrick, R. Margutti, R. J. Foley, R. Chornock, G. Terreran, D. Hiramatsu, M. Newsome, E. Padilla Gonzalez, C. Pellegrino, D. A. Howell, A. V. Filippenko, J. P. Anderson, C. R. Angus, K. Auchettl, K. A. Bostroem, T. G. Brink, R. Cartier, D. A. Coulter, T. de Boer,

M. R. Drout, N. Earl, K. Ertini, J. R. Farah, D. Farias, C. Gall, H. Gao, M. A. Gerlach, F. Guo, A. Haynie, G. Hosseinzadeh, A. L. Ibik, **S. W. Jha**, D. O. Jones, D. Langeroodi, N. LeBaron, E. A. Magnier, A. L. Piro, S. I. Raimundo, A. Rest, S. Rest, R. M. Rich, C. Rojas-Bravo, H. Sears, K. Taggart, V. A. Villar, R. J. Wainscoat, X.-F. Wang, A. R. Wasserman, S. Yan, Y. Yang, J. Zhang, and W. Zheng, 2024, ApJ, 970, 189
https://doi.org/10.3847/1538-4357/ad4a2a
https://ui.adsabs.harvard.edu/abs/2024ApJ...970..189J

256 "JWST Spectroscopy of SN H0pe: Classification and Time Delays of a Triply Imaged Type Ia Supernova at z = 1.78," Chen, W., P. L. Kelly, B. L. Frye, J. Pierel, S. P. Willner, M. Pascale, S. H. Cohen, C. J. Conselice, M. Engesser, L. J. Furtak, D. Gilman, N. A. Grogin, S. Huber, **S. W. Jha**, J. Johansson, A. M. Koekemoer, C. Larison, A. K. Meena, M. R. Siebert, R. A. Windhorst, H. Yan, and A. Zitrin, 2024, ApJ, 970, 102
https://doi.org/10.3847/1538-4357/ad50a5
https://ui.adsabs.harvard.edu/abs/2024ApJ...970..102C

255 "A low-mass helium star progenitor model for the Type Ibn SN 2020nxt," Wang, Q., A. Goel, L. Dessart, O. D. Fox, M. Shahbandeh, S. Rest, A. Rest, J. H. Groh, A. Allan, C. Fransson, N. Smith, G. Hosseinzadeh, A. V. Filippenko, J. Andrews, K. A. Bostroem, T. G. Brink, P. Brown, J. Burke, R. Chevalier, G. C. Clayton, M. Dai, K. W. Davis, R. J. Foley, S. Gomez, C. Harris, D. Hiramatsu, D. A. Howell, C. Jennings, **S. W. Jha**, M. M. Kasliwal, P. L. Kelly, E. C. Kool, E. Liu, E. Ma, C. McCully, A. M. Miller, Y. Murakami, E. P. Gonzalez, C. Pellegrino, D. Perera, J. Pierel, C. Rojas-Bravo, M. R. Siebert, J. Sollerman, T. Szalai, S. Tinyanont, S. D. Van Dyk, W. Zheng, K. C. Chambers, D. A. Coulter, T. de Boer, N. Earl, D. Farias, C. Gall, P. McGill, C. L. Ransome, K. Taggart, and V. A. Villar, 2024, MNRAS, 530, 3906-3923
https://doi.org/10.1093/mnras/stae1038
https://ui.adsabs.harvard.edu/abs/2024MNRAS.530.3906W

254 "Lensed Type Ia Supernova "Encore" at z = 2: The First Instance of Two Multiply Imaged Supernovae in the Same Host Galaxy," Pierel, J. D. R., A. B. Newman, S. Dhawan, M. Gu, B. A. Joshi, T. Li, S. Schuldt, L. G. Strolger, S. H. Suyu, G. B. Caminha, S. H. Cohen, J. M. Diego, J. C. J. DŚilva, S. Ertl, B. L. Frye, G. Granata, C. Grillo, A. M. Koekemoer, J. Li, A. Robotham, J. Summers, T. Treu, R. A. Windhorst, A. Zitrin, S. Agarwal, A. Agrawal, N. Arendse, S. Belli, C. Burns, R. Cañameras, S. Chakrabarti, W. Chen, T. E. Collett, D. A. Coulter, R. S. Ellis, M. Engesser, N. Foo, O. D. Fox, C. Gall, N. Garuda, S. Gezari, S. Gomez, K. Glazebrook, J. Hjorth, X. Huang, **S. W. Jha**, P. S. Kamieneski, P. Kelly, C. Larison, L. A. Moustakas, M. Pascale, I. Pérez-Fournon, T. Petrushevska, F. Poidevin, A. Rest, M. Shahbandeh, A. J. Shajib, M. Siebert, C. Storfer, M. Talbot, Q. Wang, T. Wevers, and Y. Zenati, 2024, ApJL, 967, L37
https://doi.org/10.3847/2041-8213/ad4648
https://ui.adsabs.harvard.edu/abs/2024ApJ...967L..37P

253 "JWST Photometric Time-delay and Magnification Measurements for the Triply Imaged Type Ia "SN H0pe" at z = 1.78," Pierel, J. D. R., B. L. Frye, M. Pascale, G. B. Caminha, W. Chen,

S. Dhawan, D. Gilman, M. Grayling, S. Huber, P. Kelly, S. Thorp, N. Arendse, S. Birrer, M. Bronikowski, R. Cañameras, D. Coe, S. H. Cohen, C. J. Conselice, S. P. Driver, J. C. J. DŚilva, M. Engesser, N. Foo, C. Gall, N. Garuda, C. Grillo, N. A. Grogin, J. Henderson, J. Hjorth, R. A. Jansen, J. Johansson, P. S. Kamieneski, A. M. Koekemoer, C. Larison, M. A. Marshall, L. A. Moustakas, M. Nonino, R. Ortiz, T. Petrushevska, N. Pirzkal, A. Robotham, R. E. Ryan, S. Schuldt, L. G. Strolger, J. Summers, S. H. Suyu, T. Treu, C. N. A. Willmer, R. A. Windhorst, H. Yan, A. Zitrin, A. Acebron, S. Chakrabarti, D. A. Coulter, O. D. Fox, X. Huang, **S. W. Jha**, G. Li, P. A. Mazzali, A. K. Meena, I. Pérez-Fournon, F. Poidevin, A. Rest, and A. G. Riess, 2024, ApJ, 967, 50
https://doi.org/10.3847/1538-4357/ad3c43
https://ui.adsabs.harvard.edu/abs/2024ApJ...967...50P

252 "Ground-based and JWST Observations of SN 2022pul. II. Evidence from Nebular Spectroscopy for a Violent Merger in a Peculiar Type Ia Supernova," Kwok, L. A., M. R. Siebert, J. Johansson, **S. W. Jha**, S. Blondin, L. Dessart, R. J. Foley, D. J. Hillier, C. Larison, R. Pakmor, T. Temim, J. E. Andrews, K. Auchettl, C. Badenes, B. Barnabas, K. A. Bostroem, M. J. Brenner Newman, T. G. Brink, M. J. Bustamante-Rosell, Y. Camacho-Neves, A. Clocchiatti, D. A. Coulter, K. W. Davis, M. Deckers, G. Dimitriadis, Y. Dong, J. Farah, A. V. Filippenko, A. Flörs, O. D. Fox, P. Garnavich, E. Padilla Gonzalez, O. Graur, F.-J. Hambsch, G. Hosseinzadeh, D. A. Howell, J. P. Hughes, W. E. Kerzendorf, X. K. Saux, K. Maeda, K. Maguire, C. McCully, C. Mihalenko, M. Newsome, J. T. O'Brien, J. Pearson, C. Pellegrino, J. D. R. Pierel, A. Polin, A. Rest, C. Rojas-Bravo, D. J. Sand, M. Schwab, M. Shahbandeh, M . Shrestha, N. Smith, L.-G. Strolger, T. Szalai, K. Taggart, G. Terreran, J. H. Terwel, S. Tinyanont, S. Valenti, J. Vinkó, J. C. Wheeler, Y. Yang, W. Zheng, C. Ashall, J. M. DerKacy, L. Galbany, P. Hoeflich, T. de Jaeger, J. Lu, J. Maund, K. Medler, N. Morell, B. J. Shappee, M. Stritzinger, N. Suntzeff, M. Tucker, and L. Wang, 2024, ApJ, 966, 135
https://doi.org/10.3847/1538-4357/ad2c0d
https://ui.adsabs.harvard.edu/abs/2024ApJ...966..135K

251 "SN 2022jox: An Extraordinarily Ordinary Type II SN with Flash Spectroscopy," Andrews, J. E., J. Pearson, G. Hosseinzadeh, K. A. Bostroem, Y. Dong, M. Shrestha, J. E. Jencson, D. J. Sand, S. Valenti, E. Hoang, D. Janzen, M. J. Lundquist, N. Meza, S. Wyatt, **S. W. Jha**, C. Simpson, J. Farah, E. Padilla Gonzalez, D. A. Howell, C. McCully, M. Newsome, C. Pellegrino, and G. Terreran, 2024, ApJ, 965, 85
https://doi.org/10.3847/1538-4357/ad2a49
https://ui.adsabs.harvard.edu/abs/2024ApJ...965...85A

250 "SN 2022joj: A Potential Double Detonation with a Thin Helium Shell," Padilla Gonzalez, E., D. A. Howell, G. Terreran, C. McCully, M. Newsome, J. Burke, J. Farah, C. Pellegrino, K. A. Bostroem, G. Hosseinzadeh, J. Pearson, D. J. Sand, M. Shrestha, N. Smith, Y. Dong, N. Meza Retamal, S. Valenti, S. Boos, K. J. Shen, D. Townsley, L. Galbany, L. Piscarreta, R. J. Foley, M. J. Bustamante-Rosell, D. A. Coulter, R. Chornock, K. W. Davis, C. B. Dickinson, D. O. Jones, J. Kutcka, X. K. Le Saux, C. R. Rojas-Bravo, K. Taggart, S. Tinyanont, G. Yang,

S. W. Jha, and R. Margutti, 2024, ApJ, 964, 196
https://doi.org/10.3847/1538-4357/ad19c9
https://ui.adsabs.harvard.edu/abs/2024ApJ...964..196P

249 "Evidence of Weak Circumstellar Medium Interaction in the Type II SN 2023axu," Shr estha, M., J. Pearson, S. Wyatt, D. J. Sand, G. Hosseinzadeh, K. A. Bostroem, J. E. Andrews, Y. Dong, E. Hoang, D. Janzen, J. E. Jencson, M. Lundquist, D. Mehta, N. M. Retamal, S. Valenti, J. C. Rastinejad, P. Daly, D. Porter, J. Hinz, S. Self, B. Weiner, G. G. Williams, D. Hiramatsu, D. A. Howell, C. McCully, E. P. Gonzalez, C. Pellegrino, G. Terreran, M. Newsome, J. Farah, K. Itagaki, **S. W. Jha**, L. Kwok, N. Smith, M. Schwab, J. Rho, and Y. Yang, 2024, ApJ, 961, 247
https://doi.org/10.3847/1538-4357/ad11e1
https://ui.adsabs.harvard.edu/abs/2024ApJ...961..247S

248 "Environmental Dependence of Type Ia Supernovae in Low-redshift Galaxy Clusters," Larison, C., **S. W. Jha**, L. A. Kwok, and Y. Camacho-Neves, 2024, ApJ, 961, 185
https://doi.org/10.3847/1538-4357/ad0e0f
https://ui.adsabs.harvard.edu/abs/2024ApJ...961..185L

247 "Keck Infrared Transient Survey. I. Survey Description and Data Release 1," Tinyanont, S., R. J. Foley, K. Taggart, K. W. Davis, N. LeBaron, J. E. Andrews, M. J. Bustamante-Rosell, Y. Camacho-Neves, R. Chornock, D. A. Coulter, L. Galbany, **S. W. Jha**, C. D. Kilpatrick, L. A. Kwok, C. Larison, J. R. Pierel, M. R. Siebert, G. Aldering, K. Auchettl, J. S. Bloom, S. Dhawan, A. V. Filippenko, K. D. French, A. Gagliano, M. Grayling, D. A. Howell, W. V. Jacobson-Galán, D. O. Jones, X. Le Saux, P. Macias, K. S. Mandel, C. McCully, E. Padilla Gonzalez, A. Rest, J. Rho, C. Rojas-Bravo, M. F. Skrutskie, S. Thorp, Q. Wang, and S. M. Ward, 2024, PASP, 136, 014201
https://doi.org/10.1088/1538-3873/ad1b39
https://ui.adsabs.harvard.edu/abs/2024PASP..136a4201T

246 "Ground-based and JWST Observations of SN 2022pul. I. Unusual Signatures of Carbon, Oxygen, and Circumstellar Interaction in a Peculiar Type Ia Supernova," Siebert, M. R., L. A. Kwok, J. Johansson, **S. W. Jha**, S. Blondin, L. Dessart, R. J. Foley, D. J. Hillier, C. Larison, R. Pakmor, T. Temim, J. E. Andrews, K. Auchettl, C. Badenes, B. Barna, K. A. Bostroem, M. J. Brenner Newman, T. G. Brink, M. J. Bustamante-Rosell, Y. Camacho-Neves, A. Clocchiatti, D. A. Coulter, K. W. Davis, M. Deckers, G. Dimitriadis, Y. Dong, J. Farah, A. V. Filippenko, A. Flörs, O. D. Fox, P. Garnavich, E. Padilla Gonzalez, O. Graur, F.-J. Hambsch, G. Hosseinzadeh, D. A. Howell, J. P. Hughes, W. E. Kerzendorf, X. K. Le Saux, K. Maeda, K. Maguire, C. McCully, C. Mihalenko, M. Newsome, J. T. O'Brien, J. Pearson, C. Pellegrino, J. D. R. Pierel, A. Polin, A. Rest, C. Rojas-Bravo, D. J. Sand, M. Schwab, M. Shahbandeh, M. Shrestha, N. Smith, L.-G. Strolger, T. Szalai, K. Taggart, G. Terreran, J. H. Terwel, S. Tinyanont, S. Valenti, J. Vinkó, J. C. Wheeler, Y. Yang, W. Zheng, C. Ashall, J. M. DerKacy, L. Galbany, P. Hoeflich, E. Hsiao, T. de Jaeger, J. Lu, J. Maund, K. Medler, N. Morrell, B. J. Shappee, M. Stritzinger, N. Suntzeff, M. Tucker, and L. Wang, 2024, ApJ, 960, 88

https://doi.org/10.3847/1538-4357/ad0975
https://ui.adsabs.harvard.edu/abs/2024ApJ...960...88S

245 "Strong Carbon Features and a Red Early Color in the Underluminous Type Ia SN 2022xkq," Pearson, J., D. J. Sand, P. Lundqvist, L. Galbany, J. E. Andrews, K. A. Bostroem, Y. Dong, E. Hoang, G. Hosseinzadeh, D. Janzen, J. E. Jencson, M. J. Lundquist, D. Mehta, N. Meza Retamal, M. Shrestha, S. Valenti, S. Wyatt, J. P. Anderson, C. Ashall, K. Auchettl, E. Baron, S. Blondin, C. R. Burns, Y. Cai, T.-W. Chen, L. Chomiuk, D. A. Coulter, D. Cross, K. W. Davis, T. de Jaeger, J. M. DerKacy, D. D. Desai, G. Dimitriadis, A. Do, J. R. Farah, R. J. Foley, M. Gromadzki, C. P. Gutiérrez, J. Haislip, J. I. González Hernández, J. T. Hinkle, W. B. Hoogendam, D. A. Howell, P. Hoeflich, E. Hsiao, M. E. Huber, **S. W. Jha**, C. Jiménez Palau, C. D. Kilpatrick, V. Kouprianov, S. Kumar, L. A. Kwok, C. La rison, N. LeBaron, X. Le Saux, J. Lu, C. McCully, T. Mera Evans, P. Milne, M. Modjaz, N. Morrell, T. E. Müller-Bravo, M. Newsome, M. Nicholl, E. Padilla Gonzalez, A. V. Payne, C. Pellegrino, K. Phan, J. Pineda-García, A. L. Piro, L. Piscarreta, A. Polin, D. E. Reichart, C. Rojas-Bravo, S. D. Ryder, I. Salmaso, M. Schwab, M. Shahbandeh, B. J. Shappee, M. R. Siebert, N. Smith, J. Strader, K. Taggart, G. Terreran, S. Tinyanont, M. A. Tucker, G. Valerin, and D. R. Young, 2024, ApJ, 960, 29
https://doi.org/10.3847/1538-4357/ad0153
https://ui.adsabs.harvard.edu/abs/2024ApJ...960...29P

244 "No plateau observed in late-time near-infrared observations of the underluminous Type Ia supernova 2021qvv," Graur, O., E. Padilla Gonzalez, J. Burke, M. Deckers, **S. W. Jha**, L. Galbany, E. Karamehmetoglu, M. D. Stritzinger, K. Maguire, D. A. Howell, R. Fisher, A. G. Fullard, R. Handberg, D. Hiramatsu, G. Hosseinzadeh, W. E. Kerzendorf, C. McCully, M. Newsome, C. Pellegrino, A. Rest, A. G. Riess, I. R. Seitenzahl, M. M. Shara, K. J. Shen, G. Terreran, and D. R. Zurek, 2023, MNRAS, 526, 2977-2990
https://doi.org/10.1093/mnras/stad2960
https://ui.adsabs.harvard.edu/abs/2023MNRAS.526.2977G

243 "An irradiated-Jupiter analogue hotter than the Sun," Hallakoun, N., D. Maoz, A. G. Istrate, C. Badenes, E. Breedt, B. T. Gänsicke, **S. W. Jha**, B. Leibundgut, F. Mannucci, T. R. Marsh, G. Nelemans, F. Patat, and A. Rebassa-Mansergas, 2023, NatAs, 7, 1329-1340
https://doi.org/10.1038/s41550-023-02048-z
https://ui.adsabs.harvard.edu/abs/2023NatAs...7.1329H

242 "Evolution of the Mass-Metallicity Relation from Redshift z $\approx$ 8 to the Local Universe," Langeroodi, D., J. Hjorth, W. Chen, P. L. Kelly, H. Williams, Y.-H. Lin, C. Scarlata, A. Zitrin, T. Broadhurst, J. M. Diego, X. Huang, A. V. Filippenko, R. J. Foley, **S. Jha**, A. M. Koekemoer, M. Oguri, I. Perez-Fournon, J. Pierel, F. Poidevin, and L. Strolger, 2023, ApJ, 957, 39
https://doi.org/10.3847/1538-4357/acdbc1
https://ui.adsabs.harvard.edu/abs/2023ApJ...957...39L

241 "An updated measurement of the Hubble constant from near-infrared observations of Type Ia

supernovae," Galbany, L., T. de Jaeger, A. G. Riess, T. E. Müller-Bravo, S. Dhawan, K. Phan, M. D. Stritzinger, E. Karamehmetoglu, B. Leibundgut, C. Burns, E. Peterson, W. D'Arcy Kenworthy, J. Johansson, K. Maguire, and **S. W. Jha**, 2023, A&A, 679, A95
https://doi.org/10.1051/0004-6361/202244893
https://ui.adsabs.harvard.edu/abs/2023A&A...679A..95G

240 "Early Spectroscopy and Dense Circumstellar Medium Interaction in SN 2023ixf," Bostroem, K. A., J. Pearson, M. Shrestha, D. J. Sand, S. Valenti, **S. W. Jha**, J. E. Andrews, N. Smith, G. Terreran, E. Green, Y. Dong, M. Lundquist, J. Haislip, E. T. Hoang, G. Hosseinzadeh, D. Janzen, J. E. Jencson, V. Kouprianov, E. Paraskeva, N. E. Meza Retamal, D. E. Reichart, I. Arcavi, A. Z. Bonanos, M. W. Coughlin, R. Dobson, J. Farah, L. Galbany, C. Gutiérrez, S. Hawley, L. Hebb, D. Hiramatsu, D. A. Howell, T. Iijima, I. Ilyin, K. Jhass, C. McCully, S. Moran, B. M. Morris, A. C. Mura, T. E. Müller-Bravo, J. Munday, M. Newsome, M. T. Pabst, P. Ochner, E. P. Gonzalez, A. Pastorello, C. Pellegrino, L. Piscarreta, A. P. Ravi, A. Reguitti, L. Salo, J. Vinkó, K. de Vos, J. C. Wheeler, G. G. Williams, and S. Wyatt, 2023, ApJL, 956, L5
https://doi.org/10.3847/2041-8213/acf9a4
https://ui.adsabs.harvard.edu/abs/2023ApJ...956L...5B

239 "A BayeSN distance ladder: H_0 from a consistent modelling of Type Ia supernovae from the optical to the near-infrared," Dhawan, S., S. Thorp, K. S. Mandel, S. M. Ward, G. Narayan, **S. W. Jha**, and T. Chant, 2023, MNRAS, 524, 235-244
https://doi.org/10.1093/mnras/stad1590
https://ui.adsabs.harvard.edu/abs/2023MNRAS.524..235D

238 "A synthetic Roman Space Telescope High-Latitude Time-Domain Survey: supernovae in the deep field," Wang, K. X., D. Scolnic, M. A. Troxel, S. A. Rodney, B. Popovic, C. Duff, A. V. Filippenko, R. J. Foley, R. Hounsell, **S. W. Jha**, D. O. Jones, B. A. Joshi, H. Long, P. Macias, A. G. Riess, B. M. Rose, and M. Yamamoto, 2023, MNRAS, 523, 3874-3884
https://doi.org/10.1093/mnras/stad1652
https://ui.adsabs.harvard.edu/abs/2023MNRAS.523.3874W

237 "SN 2022ann: a Type Icn supernova from a dwarf galaxy that reveals helium in its circumstellar environment," Davis, K. W., K. Taggart, S. Tinyanont, R. J. Foley, V. A. Villar, L. Izzo, C. R. Angus, M. J. Bustamante-Rosell, D. A. Coulter, N. Earl, D. Farias, J. Hjorth, M. E. Huber, D. O. Jones, P. L. Kelly, C. D. Kilpatrick, D. Langeroodi, H.-Y. Miao, C. M. Pellegrino, E. Ramirez-Ruiz, C. L. Ransome, S. Rest, M. R. Siebert, G. Terreran, I. M. Thornton, S. K. Yadavalli, G. R. Zeimann, K. Auchettl, C. R. Bom, T. G. Brink, J. Burke, Y. Camacho-Neves, K. C. Chambers, T. J. L. de Boer, L. DeMarchi, A. V. Filippenko, L. Galbany, C. Gall, H. Gao, F. R. Herpich, D. A. Howell, W. V. Jacobson-Galan, **S. W. Jha**, A. Kanaan, N. Khetan, L. A. Kwok, Z. Lai, C. Larison, C.-C. Lin, K. C. Loertscher, E. A. Magnier, C. McCully, P. McGill, M. Newsome, E. Padilla Gonzalez, Y.-C. Pan, A. Rest, J. Rho, T. Ribeiro, A. Santos, W. Schoenell, S. N. Sharief, K. W. Smith, R. J. Wainscoat, Q. Wang, Y. Zenati, and W. Zheng, 2023, MNRAS, 523, 2530-2550

https://doi.org/10.1093/mnras/stad1433
https://ui.adsabs.harvard.edu/abs/2023MNRAS.523.2530D

236 "Results of the Photometric LSST Astronomical Time-series Classification Challenge (PLAsTiCC)," Hložek, R., A. I. Malz, K. A. Ponder, M. Dai, G. Narayan, E. E. O. Ishida, T. Allam, A. Bahmanyar, X. Bi, R. Biswas, K. Boone, S. Chen, N. Du, A. Erdem, L. Galbany, A. Garreta, **S. W. Jha**, D. O. Jones, R. Kessler, M. Lin, J. Liu, M. Lochner, A. A. Mahabal, K. S. Mandel, P. Margolis, J. R. Martínez-Galarza, J. D. McEwen, D. Muthukrishna, Y. Nakatsuka, T. Noumi, T. Oya, H. V. Peiris, C. M. Peters, J. F. Puget, C. N. Setzer, Siddhartha, S. Stefanov, T. Xie, L. Yan, K.-H. Yeh, and W. Zuo, 2023, ApJS, 267, 25
https://doi.org/10.3847/1538-4365/accd6a
https://ui.adsabs.harvard.edu/abs/2023ApJS..267...25H

235 "SN 2022acko: The First Early Far-ultraviolet Spectra of a Type IIP Supernova," Bostroem, K. A., L. Dessart, D. J. Hillier, M. Lundquist, J. E. Andrews, D. J. Sand, Y. Dong, S. Valenti, J. Haislip, E. T. Hoang, G. Hosseinzadeh, D. Janzen, J. E. Jencson, **S. W. Jha**, V. Kouprianov, J. Pearson, N. E. Meza Retamal, D. E. Reichart, M. Shrestha, C. Ashall, E. Baron, P. J. Brown, J. M. DerKacy, J. Farah, L. Galbany, J. I. González Hernández, E. Green, P. Hoeflich, D. A. Howell, L. A. Kwok, C. McCully, T. E. Müller-Bravo, M. Newsome, E. P. Gonzalez, C. Pellegrino, J. Rho, M. Rowe, M. Schwab, M. Shahbandeh, N. Smith, J. Strader, G. Terreran, S. D. Van Dyk, and S. Wyatt, 2023, ApJL, 953, L18
https://doi.org/10.3847/2041-8213/ace31c
https://ui.adsabs.harvard.edu/abs/2023ApJ...953L..18B

234 "Shock Cooling and Possible Precursor Emission in the Early Light Curve of the Type II SN 2023ixf," Hosseinzadeh, G., J. Farah, M. Shrestha, D. J. Sand, Y. Dong, P. J. Brow n, K. A. Bostroem, S. Valenti, **S. W. Jha**, J. E. Andrews, I. Arcavi, J. Haislip, D. Hiramatsu, E. Hoang, D. A. Howell, D. Janzen, J. E. Jencson, V. Kouprianov, M. Lundquist, C. McCully, N. E. Meza Retamal, M. Modjaz, M. Newsome, E. Padilla Gonzalez, J. Pearson, C. Pellegrino, A. P. Ravi, D. E. Reichart, N. Smith, G. Terreran, and J. Vinkó, 2023, ApJL, 953, L16
https://doi.org/10.3847/2041-8213/ace4c4
https://ui.adsabs.harvard.edu/abs/2023ApJ...953L..16H

233 "The Early Light Curve of SN 2023bee: Constraining Type Ia Supernova Progenitors the Apian Way," Hosseinzadeh, G., D. J. Sand, S. K. Sarbadhicary, S. D. Ryder, **S. W. Jha**, Y. Dong, K. A. Bostroem, J. E. Andrews, E. Hoang, D. Janzen, J. E. Jencson, M. Lundquist, N. E. Meza Retamal, J. Pearson, M. Shrestha, S. Valenti, S. Wyatt, J. Farah, D. A. Howell, C. McCully, M. Newsome, E. Padilla Gonzalez, C. Pellegrino, G. Terreran, M. Alzaabi, E. M. Green, J. L. Gurney, P. A. Milne, K. I. Ridenhour, N. Smith, P. S. Robles, L. A. Kwok, M. Schwab, M. Gromadzki, D. A. H. Buckley, K. Itagaki, D. Hiramatsu, L. Chomiuk, P. Lundqvist, J. Haislip, V. Kouprianov, and D. E. Reichart, 2023, ApJL, 953, L15
https://doi.org/10.3847/2041-8213/ace7c0
https://ui.adsabs.harvard.edu/abs/2023ApJ...953L..15H

232 “Observational Properties of a Bright Type Iax SN 2018cni and a Faint Type Iax SN 2020kyg,” Singh, M., D. K. Sahu, R. Dastidar, B. Barna, K. Misra, A. Gangopadhyay, D. A. Howell, **S. W. Jha**, H. Im, K. Taggart, J. Andrews, D. Hiramatsu, R. S. Teja, C. Pellegrino, R. J. Foley, A. Joshi, G. C. Anupama, K. A. Bostroem, J. Burke, Y. Camacho-Neves, A. Dutta, L. A. Kwok, C. McCully, Y.-C. Pan, M. Siebert, S. Srivastav, T. Szalai, J. J. Swift, G. Yang, H. Zhou, N. DiLullo, and J. Scheer, 2023, ApJ, 953, 93
https://doi.org/10.3847/1538-4357/acd559
https://ui.adsabs.harvard.edu/abs/2023ApJ...953...93S

231 “A Luminous Red Supergiant and Dusty Long-period Variable Progenitor for SN 2023ixf,” Jencson, J. E., J. Pearson, E. R. Beasor, R. M. Lau, J. E. Andrews, K. A. Bostroem, Y. Dong, M. Engesser, S. Gomez, M. Guolo, E. Hoang, G. Hosseinzadeh, **S. W. Jha**, V. Karambelkar, M. M. Kasliwal, M. Lundquist, N. E. Meza Retamal, A. Rest, D. J. Sand, M. Shahbandeh, M. Shrestha, N. Smith, J. Strader, S. Valenti, Q. Wang, and Y. Zenati, 2023, ApJL, 952, L30
https://doi.org/10.3847/2041-8213/ace618
https://ui.adsabs.harvard.edu/abs/2023ApJ...952L..30J

230 “A search for transients in the Reionization Lensing Cluster Survey (RELICS): three new supernovae,” Golubchik, M., A. Zitrin, J. Pierel, L. J. Furtak, A. K. Meena, O. Graur, P. L. Kelly, D. Coe, F. Andrade-Santos, M. Asif, L. D. Bradley, W. Chen, B. L. Frye, S. Gomez, **S. Jha**, G. Mahler, M. Nonino, L.-G. Strolger, and Y. Su, 2023, MNRAS, 522, 4718-4727
https://doi.org/10.1093/mnras/stad1238
https://ui.adsabs.harvard.edu/abs/2023MNRAS.522.4718G

229 “Propagating Uncertainties in the SALT3 Model-training Process to Cosmological Constraints,” Dai, M., D. O. Jones, W. D. Kenworthy, R. Kessler, J. D. R. Pierel, R. J. Foley, **S. W. Jha**, and D. M. Scolnic, 2023, ApJS, 267, 1
https://doi.org/10.3847/1538-4365/acd051
https://ui.adsabs.harvard.edu/abs/2023ApJS..267....1D

228 “Over 500 Days in the Life of the Photosphere of the Type Iax Supernova SN 2014dt,’ ’ Camacho-Neves, Y., **S. W. Jha**, B. Barna, M. Dai, A. V. Filippenko, R. J. Foley, G. Hosseinzadeh, D. A. Howell, J. Johansson, P. L. Kelly, W. E. Kerzendorf, L. A. Kwok, C. Larison, M. R. Magee, C. McCully, J. T. O’Brien, Y.-C. Pan, V. Pandya, J. Singhal, B. E. Stahl, T. Szalai, M. Wieber, and M. Williamson, 2023, ApJ, 951, 67
https://doi.org/10.3847/1538-4357/acd558
https://ui.adsabs.harvard.edu/abs/2023ApJ...951...67C

227 “Supernova 2020wnt: An Atypical Superluminous Supernova with a Hidden Central Engine,” Tinyanont, S., S. E. Woosley, K. Taggart, R. J. Foley, L. Yan, R. Lunnan, K. W. Davis, C. D. Kilpatrick, M. R. Siebert, S. Schulze, C. Ashall, T.-W. Chen, K. De, G. Dimitriadis, D. Z. Dong, C. Fremling, A. Gagliano, **S. W. Jha**, D. O. Jones, M. M. Kasliwal, H.-Y. Miao, Y.-C. Pan, D. A. Perley, V. Ravi, C. Rojas-Bravo, I. Sfaradi, J. Sollerman, V. Alarcon, R. Angulo, K. E. Clever, P. Crawford, C. Couch, S. Dandu, A. Dhara, J. Johnson, Z. Lai, and C. Smith,

2023, ApJ, 951, 34
https://doi.org/10.3847/1538-4357/acc6c3
https://ui.adsabs.harvard.edu/abs/2023ApJ...951...34T

226 "Constraints on the Hubble constant from supernova Refsdal's reappearance," Kelly, P. L., S. Rodney, T. Treu, M. Oguri, W. Chen, A. Zitrin, S. Birrer, V. Bonvin, L. Dessart, J. M. Diego, A. V. Filippenko, R. J. Foley, D. Gilman, J. Hjorth, M. Jauzac, K. Mandel, M. Millon, J. Pierel, K. Sharon, S. Thorp, L. Williams, T. Broadhurst, A. Dressler, O. Graur, **S. Jha**, C. McCully, M. Postman, K. B. Schmidt, B. E. Tucker, and A. von der Linden, 2023, Sci, 380, abh1322
https://doi.org/10.1126/science.abh1322
https://ui.adsabs.harvard.edu/abs/2023Sci...380.1322K

225 "The DEHVILS survey overview and initial data release: high-quality near-infrared Type Ia supernova light curves at low redshift," Peterson, E. R., D. O. Jones, D. Scolnic, B. O. Sánchez, A. Do, A. G. Riess, S. M. Ward, A. Dwomoh, T. de Jaeger, **S. W. Jha**, K. S. Mandel, J. D. R. Pierel, B. Popovic, B. M. Rose, D. Rubin, B. J. Shappee, S. Thorp, J. L. Tonry, R. B. Tully, and M. Vincenzi, 2023, MNRAS, 522, 2478-2494
https://doi.org/10.1093/mnras/stad1077
https://ui.adsabs.harvard.edu/abs/2023MNRAS.522.2478P

224 "LensWatch. I. Resolved HST Observations and Constraints on the Strongly Lensed Type Ia Supernova 2022qmx ("SN Zwicky")," Pierel, J. D. R., N. Arendse, S. Ertl, X. Huang, L. A. Moustakas, S. Schuldt, A. J. Shajib, Y. Shu, S. Birrer, M. Bronikowski, J. Hjorth, S. H. Suyu, S. Agarwal, A. Agnello, A. S. Bolton, S. Chakrabarti, C. Cold, F. Courbin, J. M. Della Costa, S. Dhawan, M. Engesser, O. D. Fox, C. Gall, S. Gomez, A. Goobar, **S. W. Jha**, C. Jimenez, J. Johansson, C. Larison, G. Li, R. Marques-Chaves, S. Mao, P. A. Mazzali, I. Perez-Fournon, T. Petrushevska, F. Poidevin, A. Rest, W. Sheu, R. Shirley, E. Silver, C. Storfer, L. G. Strolger, T. Treu, R. Wojtak, and Y. Zenati, 2023, ApJ, 948, 115
https://doi.org/10.3847/1538-4357/acc7a6
https://ui.adsabs.harvard.edu/abs/2023ApJ...948..115P

223 "The Magnificent Five Images of Supernova Refsdal: Time Delay and Magnification Measurements," Kelly, P. L., S. Rodney, T. Treu, S. Birrer, V. Bonvin, L. Dessart, R. J. Foley, A. V. Filippenko, D. Gilman, **S. Jha**, J. Hjorth, K. Mandel, M. Millon, J. Pierel, S. Thorp, A. Zitrin, T. Broadhurst, W. Chen, J. M. Diego, A. Dressler, O. Graur, M. Jauzac, M. A. Malkan, C. McCully, M. Oguri, M. Postman, K. B. Schmidt, K. Sharon, B. E. Tucker, A. von der Linden, and J. Wambsganss, 2023, ApJ, 948, 93
https://doi.org/10.3847/1538-4357/ac4ccb
https://ui.adsabs.harvard.edu/abs/2023ApJ...948...93K

222 "A magnified compact galaxy at redshift 9.51 with strong nebular emission lines," Williams, H., P. L. Kelly, W. Chen, G. Brammer, A. Zitrin, T. Treu, C. Scarlata, A. M. Koekemoer, M. Oguri, Y.-H. Lin, J. M. Diego, M. Nonino, J. Hjorth, D. Langeroodi, T. Broadhurst, N. Rogers, I. Perez-Fournon, R. J. Foley, **S. Jha**, A. V. Filippenko, L. Strolger, J. Pierel, F. Poidevin, and

L. Yang, 2023, Sci, 380, 416-420
https://doi.org/10.1126/science.adf5307
https://ui.adsabs.harvard.edu/abs/2023Sci...380..416W

221 "Deep drilling in the time domain with DECam: survey characterization," Graham, M. L., R. A. Knop, T. D. Kennedy, P. E. Nugent, E. Bellm, M. Catelan, A. Patel, H. Smotherman, M. Soraisam, S. Stetzler, L. N. Aldoroty, A. Awbrey, K. Baeza-Villagra, P. H. Bernardinelli, F. Bianco, D. Brout, R. Clarke, W. I. Clarkson, T. Collett, J. R. A. Davenport, S. Fu, J. E. Gizis, A. Heinze, L. Hu, **S. W. Jha**, M. Jurić, J. B. Kalmbach, A. Kim, C.-H. Lee, C. Lidman, M. Magee, C. E. Martínez-Vázquez, T. Matheson, G. Narayan, A. Palmese, C. A. Phillips, M. Rabus, A. Rest, N. Rodríguez-Segovia, R. Street, A. K. Vivas, L. Wang, N. Wolf, and J. Yang, 2023, MNRAS, 519, 3881-3902
https://doi.org/10.1093/mnras/stac3363
https://ui.adsabs.harvard.edu/abs/2023MNRAS.519.3881G

220 "Limit on Supernova Emission in the Brightest Gamma-Ray Burst, GRB 221009A," Shrestha, M., D. J. Sand, K. D. Alexander, K. A. Bostroem, G. Hosseinzadeh, J. Pearson, M. Aghakhanloo, J. Vinkó, J. E. Andrews, J. E. Jencson, M. J. Lundquist, S. Wyatt, D. A. Howell, C. McCully, E. P. Gonzalez, C. Pellegrino, G. Terreran, D. Hiramatsu, M. Newsome, J. Farah, S. W. Jha, N. Smith, J. C. Wheeler, C. Martínez-Vázquez, J. A. Carballo-Bello, A. Drlica-Wagner, D. J. James, B. Mutlu-Pakdil, G. S. Stringfellow, J. D. Sakowska, N. E. D. Noël, C. R. Bom, and K. Kuehn, 2023, ApJL, 946, L25
https://doi.org/10.3847/2041-8213/acbd50
https://ui.adsabs.harvard.edu/abs/2023ApJ...946L..25S

219 "CEERS Key Paper. I. An Early Look into the First 500 Myr of Galaxy Formation with JWST," Finkelstein, S. L., M. B. Bagley, H. C. Ferguson, S. M. Wilkins, J. S. Kartaltepe, C. Papovich, L. Y. A. Yung, P. Arrabal Haro, P. Behroozi, M. Dickinson, D. D. Kocevski, A. M. Koekemoer, R. L. Larson, A. Le Bail, A. M. Morales, P. G. Pérez-González, D. Burgarella, R. Davé, M. Hirschmann, R. S. Somerville, S. Wuyts, V. Bromm, C. M. Casey, A. Fontana, S. Fujimoto, J. P. Gardner, M. Giavalisco, A. Grazian, N. A. Grogin, N. P. Hathi, T. A. Hutchison, S. W. Jha, S. Jogee, L. J. Kewley, A. Kirkpatrick, A. S. Long, J. M. Lotz, L. Pentericci, J. D. R. Pierel, N. Pirzkal, S. Ravindranath, R. E. Ryan, J. R. Trump, G. Yang, R. Bhatawdekar, L. Bisigello, V. Buat, A. Calabrò, M. Castellano, N. J. Cleri, M. C. Cooper, D. Croton, E. Daddi, A. Dekel, D. Elbaz, M. Franco, E. Gawiser, B. W. Holwerda, M. Huertas-Company, A. E. Jaskot, G. C. K. Leung, R. A. Lucas, B. Mobasher, V. Pandya, S. Tacchella, B. J. Weiner, and J. A. Zavala, 2023, ApJL, 946, L13
https://doi.org/10.3847/2041-8213/acade4
https://ui.adsabs.harvard.edu/abs/2023ApJ...946L..13F

218 "JWST Low-resolution MIRI Spectral Observations of SN 2021aefx: High-density Burning in a Type Ia Supernova," DerKacy, J. M., C. Ashall, P. Hoeflich, E. Baron, B. J. Shappee, D. Baade, J. Andrews, K. A. Bostroem, P. J. Brown, C. R. Burns, A. Burrow, A. Cikota, T. de Jaeger, A. Do, Y. Dong, I. Dominguez, L. Galbany, E. Y. Hsiao, E. Karamehmetoglu, K.

Krisciunas, S. Kumar, J. Lu, T. B. M. Evans, J. R. Maund, P. Mazzali, K. Medler, N. Morrell, F. Patat, M. M. Phillips, M. Shahbandeh, S. Stangl, C. P. Stevens, M. D. Stritzinger, N. B. Suntzeff, C. M. Telesco, M. A. Tucker, S. Valenti, L. Wang, Y. Yang, **S. W. Jha**, and L. A. Kwok, 2023, ApJL, 945, L2
https://doi.org/10.3847/2041-8213/acb8a8
https://ui.adsabs.harvard.edu/abs/2023ApJ...945L...2D

217 "Circumstellar Medium Interaction in SN 2018lab, A Low-luminosity Type IIP Supernova Observed with TESS," Pearson, J., G. Hosseinzadeh, D. J. Sand, J. E. Andrews, J. E. Jencson, Y. Dong, K. A. Bostroem, S. Valenti, D. Janzen, N. M. Retamal, M. J. Lundquist, S. Wyatt, R. C. Amaro, J. Burke, D. A. Howell, C. McCully, D. Hiramatsu, **S. W. Jha**, N. Smith, J. Haislip, V. Kouprianov, D. E. Reichart, Y. Yang, and J. Rho, 2023, ApJ, 945, 107
https://doi.org/10.3847/1538-4357/acb8a9
https://ui.adsabs.harvard.edu/abs/2023ApJ...945..107P

216 "Forbidden hugs in pandemic times. IV. Panchromatic evolution of three luminous red novae," Pastorello, A., G. Valerin, M. Fraser, A. Reguitti, N. Elias-Rosa, A. V. Filippenko, C. Rojas-Bravo, L. Tartaglia, T. M. Reynolds, S. Valenti, J. E. Andrews, C. Ashall, K. A. Bostroem, T. G. Brink, J. Burke, Y.-Z. Cai, E. Cappellaro, D. A. Coulter, R. Dastidar, K. W. Davis, G. Dimitriadis, A. Fiore, R. J. Foley, D. Fugazza, L. Galbany, A. Gangopadhyay, S. Geier, C. P. Gutiérrez, J. Haislip, D. Hiramatsu, S. Holmbo, D. A. Howell, E. Y. Hsiao, T. Hung, **S. W. Jha**, E. Kankare, E. Karamehmetoglu, C. D. Kilpatrick, R. Kotak, V. Kouprianov, T. Kravtsov, S. Kumar, Z.-T. Li, M. J. Lundquist, P. Lundqvist, K. Matilainen, P. A. Mazzali, C. McCully, K. Misra, A. Morales-Garoffolo, S. Moran, N. Morrell, M. Newsome, E. Padilla Gonzalez, Y.-C. Pan, C. Pellegrino, M. M. Phillips, G. Pignata, A. L. Piro, D. E. Reichart, A. Rest, I. Salmaso, D. J. Sand, M. R. Siebert, S. J. Smartt, K. W. Smith, S. Srivastav, M. D. Stritzinger, K. Taggart, S. Tinyanont, S.-Y. Yan, L. Wang, X.-F. Wang, S. C. Williams, S. Wyatt, T.-M. Zhang, T. de Boer, K. Chambers, H. Gao, and E. Magnier, 2023, A&A, 671, A158
https://doi.org/10.1051/0004-6361/202244684
https://ui.adsabs.harvard.edu/abs/2023A&A...671A.158P

215 "SN 2019ewu: A Peculiar Supernova with Early Strong Carbon and Weak Oxygen Features from a New Sample of Young SN Ic Spectra," Williamson, M., C. Vogl, M. Modjaz, W. Kerzendorf, J. Singhal, T. Boland, J. Burke, Z. Chen, D. Hiramatsu, L. Galbany, E. P. Gonzalez, D. A. Howell, **S. W. Jha**, L. A. Kwok, C. McCully, M. Newsome, C. Pellegrino, J. Rho, G. Terreran, and X. Wang, 2023, ApJL, 944, L49
https://doi.org/10.3847/2041-8213/acb549
https://ui.adsabs.harvard.edu/abs/2023ApJ...944L..49W

214 "Serendipitous Nebular-phase JWST Imaging of SN Ia SN 2021aefx: Testing the Confinement of ^{56}Co Decay Energy," Chen, N. M., M. A. Tucker, N. Hoyer, **S. W. Jha**, L. A. Kwok, A. K. Leroy, E. Rosolowsky, C. Ashall, G. Anand, F. Bigiel, M. Boquien, C. Burns, D. Dale, J. M. DerKacy, O. V. Egorov, L. Galbany, K. Grasha, H. Hassani, P. Hoeflich, E. Hsiao, R. S. Klessen, L. A. Lopez, J. Lu, N. Morrell, M. Orellana, F. Pinna, S. K. Sarbadhicary, E.

Schinnerer, M. Shahbandeh, M. Stritzinger, D. A. Thilker, and T. G. Williams, 2023, ApJL, 944, L28
https://doi.org/10.3847/2041-8213/acb6d8
https://ui.adsabs.harvard.edu/abs/2023ApJ...944L..28C

213 "A JWST Near- and Mid-infrared Nebular Spectrum of the Type Ia Supernova 2021aefx," Kwok, L. A., **S. W. Jha**, T. Temim, O. D. Fox, C. Larison, Y. Camacho-Neves, M. J. Brenner Newman, J. D. R. Pierel, R. J. Foley, J. E. Andrews, C. Badenes, B. Barna, K. A. Bostroem, M. Deckers, A. Flörs, P. Garnavich, M. L. Graham, O. Graur, G. Hosseinzadeh, D. A. Howell, J. P. Hughes, J. Johansson, S. Kendrew, W. E. Kerzendorf, K. Maeda, K. Maguire, C. McCully, J. T. O'Brien, A. Rest, D. J. Sand, M. Shahbandeh, L.-G. Strolger, T. Szalai, C. Ashall, E. Baron, C. R. Burns, J. M. DerKacy, T. M. Evans, A. Fisher, L. Galbany, P. Hoeflich, E. Hsiao, T. de Jaeger, E. Karamehmetoglu, K. Krisciunas, S. Kumar, J. Lu, J. Maund, P. A. Mazzali, K. Medler, N. Morrell, M. M. Phillips, B. J. Shappee, M. Stritzinger, N. Suntzeff, C. Telesco, M. Tucker, and L. Wang, 2023, ApJL, 944, L3
https://doi.org/10.3847/2041-8213/acb4ec
https://ui.adsabs.harvard.edu/abs/2023ApJ...944L...3K

212 "Dusty Starbursts Masquerading as Ultra-high Redshift Galaxies in JWST CEERS Observations," Zavala, J. A., V. Buat, C. M. Casey, S. L. Finkelstein, D. Burgarella, M. B. Bagley, L. Ciesla, E. Daddi, M. Dickinson, H. C. Ferguson, M. Franco, E. F. Jiménez-Andrade, J. S. Kartaltepe, A. M. Koekemoer, A. L. Bail, E. J. Murphy, C. Papovich, S. Tacchella, S. M. Wilkins, I. Aretxaga, P. Behroozi, J. B. Champagne, A. Fontana, M. Giavalisco, A. Grazian, N. A. Grogin, L. J. Kewley, D. D. Kocevski, A. Kirkpatrick, J. M. Lotz, L. Pentericci, P. G. Pérez-González, N. Pirzkal, S. Ravindranath, R. S. Somerville, J. R. Trump, G. Yang, L. Y. A. Yung, O. Almaini, R. O. Amorín, M. Annunziatella, P. A. Haro, B. E. Backhaus, G. Barro, E. F. Bell, R. Bhatawdekar, L. Bisigello, F. Buitrago, A. Calabrò, M. Castellano, Ó. A. Chávez Ortiz, K. Chworowsky, N. J. Cleri, S. H. Cohen, J. W. Cole, K. C. Cooke, M. C. Cooper, A. R. Cooray, L. Costantin, I. G. Cox, D. Croton, R. Davé, A. de La Vega, A. Dekel, D. Elbaz, V. Estrada-Carpenter, V. Fernández, K. D. Finkelstein, J. Freundlich, S. Fujimoto, Á. García-Argumánez, J. P. Gardner, E. Gawiser, C. Gómez-Guijarro, Y. Guo, T. S. Hamilton, N. P. Hathi, B. W. Holwerda, M. Hirschmann, M. Huertas-Company, T. A. Hutchison, K. G. Iyer, A. E. Jaskot, **S. W. Jha**, S. Jogee, S. Juneau, I. Jung, S. A. Kassin, P. Kurczynski, R. L. Larson, G. C. K. Leung, A. S. Long, R. A. Lucas, B. Magnelli, K. B. Mantha, J. Matharu, E. J. McGrath, D. H. McIntosh, A. Medrano, E. Merlin, B. Mobasher, A. M. Morales, J. A. Newman, D. C. Nicholls, V. Pandya, M. Rafelski, K. Ronayne, C. Rose, R. E. Ryan, P. Santini, L.-M. Seillé, E. A. Shah, L. Shen, R. C. Simons, G. F. Snyder, E. R. Stanway, A. N. Straughn, H. I. Teplitz, B. N. Vanderhoof, J. Vega-Ferrero, W. Wang, B. J. Weiner, C. N. A. Willmer, S. Wuyts, and (The Ceers Team), 2023, ApJL, 943, L9
https://doi.org/10.3847/2041-8213/acacfe
https://ui.adsabs.harvard.edu/abs/2023ApJ...943L...9Z

211 "Designing an Optimal LSST Deep Drilling Program for Cosmology with Type Ia Super-

novae," Gris, P., N. Regnault, H. Awan, I. Hook, **S. W. Jha**, M. Lochner, B. Sanchez, D. Scolnic, M. Sullivan, P. Yoachim, and LSST Dark Energy Science Collaboration, 2023, ApJS, 264, 22
https://doi.org/10.3847/1538-4365/ac9e58
https://ui.adsabs.harvard.edu/abs/2023ApJS..264...22G

210 "A Long Time Ago in a Galaxy Far, Far Away: A Candidate z $\sim$ 12 Galaxy in Early JWST CEERS Imaging," Finkelstein, S. L., M. B. Bagley, P. A. Haro, M. Dickinson, H. C. Ferguson, J. S. Kartaltepe, C. Papovich, D. Burgarella, D. D. Kocevski, M. Huertas-Company, K. G. Iyer, A. M. Koekemoer, R. L. Larson, P. G. Pérez-González, C. Rose, S. Tacchella, S. M. Wilkins, K. Chworowsky, A. Medrano, A. M. Morales, R. S. Somerville, L. Y. A. Yung, A. Fontana, M. Giavalisco, A. Grazian, N. A. Grogin, L. J. Kewley, A. Kirkpatrick, P. Kurczynski, J. M. Lotz, L. Pentericci, N. Pirzkal, S. Ravindranath, R. E. Ryan, J. R. Trump, G. Yang, O. Almaini, R. O. Amorín, M. Annunziatella, B. E. Backhaus, G. Barro, P. Behroozi, E. F. Bell, R. Bhatawdekar, L. Bisigello, V. Bromm, V. Buat, F. Buitrago, A. Calabrò, C. M. Casey, M. Castellano, Ó. A. Chávez Ortiz, L. Ciesla, N. J. Cleri, S. H. Cohen, J. W. Cole, K. C. Cooke, M. C. Cooper, A. R. Cooray, L. Costantin, I. G. Cox, D. Croton, E. Daddi, R. Davé, A. de La Vega, A. Dekel, D. Elbaz, V. Estrada-Carpenter, S. M. Faber, V. Fernández, K. D. Finkelstein, J. Freundlich, S. Fujimoto, Á. García-Argumánez, J. P. Gardner, E. Gawiser, C. Gómez-Guijarro, Y. Guo, K. Hamblin, T. S. Hamilton, N. P. Hathi, B. W. Holwerda, M. Hirschmann, T. A. Hutchison, A. E. Jaskot, **S. W. Jha**, S. Jogee, S. Juneau, I. Jung, S. A. Kassin, A. Le Bail, G. C. K. Leung, R. A. Lucas, B. Magnelli, K. B. Mantha, J. Matharu, E. J. McGrath, D. H. McIntosh, E. Merlin, B. Mobasher, J. A. Newman, D. C. Nicholls, V. Pandya, M. Rafelski, K. Ronayne, P. Santini, L.-M. Seillé, E. A. Shah, L. Shen, R. C. Simons, G. F. Snyder, E. R. Stanway, A. N. Straughn, H. I. Teplitz, B. N. Vanderhoof, J. Vega-Ferrero, W. Wang, B. J. Weiner, C. N. A. Willmer, S. Wuyts, J. A. Zavala, and CEERS Team, 2022, ApJL, 940, L55
https://doi.org/10.3847/2041-8213/ac966e
https://ui.adsabs.harvard.edu/abs/2022ApJ...940L..55F

209 "SALT3-NIR: Taking the Open-source Type Ia Supernova Model to Longer Wavelengths for Next-generation Cosmological Measurements," Pierel, J. D. R., D. O. Jones, W. D. Kenworthy, M. Dai, R. Kessler, C. Ashall, A. Do, E. R. Peterson, B. J. Shappee, M. R. Siebert, T. Barna, T. G. Brink, J. Burke, A. Calamida, Y. Camacho-Neves, T. de Jaeger, A. V. Filippenko, R. J. Foley, L. Galbany, O. D. Fox, S. Gomez, D. Hiramatsu, R. Hounsell, D. A. Howell, **S. W. Jha**, L. A. Kwok, I. Pérez-Fournon, F. Poidevin, A. Rest, D. Rubin, D. M. Scolnic, R. Shirley, L. G. Strolger, S. Tinyanont, and Q. Wang, 2022, ApJ, 939, 11
https://doi.org/10.3847/1538-4357/ac93f9
https://ui.adsabs.harvard.edu/abs/2022ApJ...939...11P

208 "The Pantheon+ Analysis: The Full Data Set and Light-curve Release," Scolnic, D., D. Brout, A. Carr, A. G. Riess, T. M. Davis, A. Dwomoh, D. O. Jones, N. Ali, P. Charvu, R. Chen, E. R. Peterson, B. Popovic, B. M. Rose, C. M. Wood, P. J. Brown, K. Chambers, D. A. Coulter, K. G. Dettman, G. Dimitriadis, A. V. Filippenko, R. J. Foley, **S. W. Jha**, C. D. Kilpatrick,

R. P. Kirshner, Y.-C. Pan, A. Rest, C. Rojas-Bravo, M. R. Siebert, B. E. Stahl, and W. Zheng, 2022, ApJ, 938, 113
https://doi.org/10.3847/1538-4357/ac8b7a
https://ui.adsabs.harvard.edu/abs/2022ApJ...938..113S

207 "The Pantheon+ Analysis: Cosmological Constraints," Brout, D., D. Scolnic, B. Popovic, A. G. Riess, A. Carr, J. Zuntz, R. Kessler, T. M. Davis, S. Hinton, D. Jones, W. D. Kenworthy, E. R. Peterson, K. Said, G. Taylor, N. Ali, P. Armstrong, P. Charvu, A. Dwomoh, C. Meldorf, A. Palmese, H. Qu, B. M. Rose, B. Sanchez, C. W. Stubbs, M. Vincenzi, C. M. Wood, P. J. Brown, R. Chen, K. Chambers, D. A. Coulter, M. Dai, G. Dimitriadis, A. V. Filippenko, R. J. Foley, **S. W. Jha**, L. Kelsey, R. P. Kirshner, A. Möller, J. Muir, S. Nadathur, Y.-C. Pan, A. Rest, C. Rojas-Bravo, M. Sako, M. R. Siebert, M. Smith, B. E. Stahl, and P. Wiseman, 2022, ApJ, 938, 110
https://doi.org/10.3847/1538-4357/ac8e04
https://ui.adsabs.harvard.edu/abs/2022ApJ...938..110B

206 "Ultraviolet Spectroscopy and TARDIS Models of the Broad-lined Type Ic Supernova 2014ad," Kwok, L. A., M. Williamson, **S. W. Jha**, M. Modjaz, Y. Camacho-Neves, R. J. Foley, P. Garnavich, K. Maeda, D. Milisavljevic, V. Pandya, M. Dai, C. McCully, T. Pritchard, and J. Singhal, 2022, ApJ, 937, 40
https://doi.org/10.3847/1538-4357/ac8989
https://ui.adsabs.harvard.edu/abs/2022ApJ...937...40K

205 "Weak Mass Loss from the Red Supergiant Progenitor of the Type II SN 2021yja," Hosseinzadeh, G., C. D. Kilpatrick, Y. Dong, D. J. Sand, J. E. Andrews, K. A. Bostroem, D. Janzen, J. E. Jencson, M. Lundquist, N. E. Meza Retamal, J. Pearson, S. Valenti, S. Wyatt, J. Burke, D. Hiramatsu, D. A. Howell, C. McCully, M. Newsome, E. P. Gonzalez, C. Pellegrino, G. Terreran, K. Auchettl, K. W. Davis, R. J. Foley, H.-Y. Miao, Y.-C. Pan, A. Rest, M. R. Siebert, K. Taggart, B. E. Tucker, F. L. Cyrus Leung, J. J. Swift, G. Yang, J. P. Anderson, C. Ashall, S. Benetti, P. J. Brown, R. Cartier, T.-W. Chen, M. Della Valle, L. Galbany, S. Gomez, M. Gromadzki, J. Haislip, E. Y. Hsiao, C. Inserra, **S. W. Jha**, T. L. Killestein, V. Kouprianov, A. Kozyreva, T. E. Müller-Bravo, M. Nicholl, E. Paraskeva, D. E. Reichart, S. Ryder, M. Shahbandeh, B. Shappee, N. Smith, and D. R. Young, 2022, ApJ, 935, 31
https://doi.org/10.3847/1538-4357/ac75f0
https://ui.adsabs.harvard.edu/abs/2022ApJ...935...31H

204 "SN 2016dsg: A Thermonuclear Explosion Involving a Thick Helium Shell," Dong, Y., S. Valenti, A. Polin, A. Boyle, A. Flörs, C. Vogl, W. E. Kerzendorf, D. J. Sand, **S. W. Jha**, Ł. Wyrzykowski, K. A. Bostroem, J. Pearson, C. McCully, J. E. Andrews, S. Benetti, S. Blondin, L. Galbany, M. Gromadzki, G. Hosseinzadeh, D. A. Howell, C. Inserra, J. E. Jencson, M. Lundquist, J. D. Lyman, M. Magee, K. Maguire, N. Meza, S. Srivastav, S. Taubenberger, J. H. Terwel, S. Wyatt, and D. R. Young, 2022, ApJ, 934, 102
https://doi.org/10.3847/1538-4357/ac75eb
https://ui.adsabs.harvard.edu/abs/2022ApJ...934..102D

203 “SNIa Cosmology Analysis Results from Simulated LSST Images: From Difference Imaging to Constraints on Dark Energy,” Sánchez, B. O., R. Kessler, D. Scolnic, R. Armstrong, R. Biswas, J. Bogart, J. Chiang, J. Cohen-Tanugi, D. Fouchez, P. Gris, K. Heitmann, R. Hložek, **S. Jha**, H. Kelly, S. Liu, G. Narayan, B. Racine, E. Rykoff, M. Sullivan, C. W. Walter, W. M. Wood-Vasey, and LSST Dark Energy Science Collaboration (DESC), 2022, ApJ, 934, 96
https://doi.org/10.3847/1538-4357/ac7a37
https://ui.adsabs.harvard.edu/abs/2022ApJ...934...96S

202 “A Comprehensive Measurement of the Local Value of the Hubble Constant with 1 km s^{-1} Mpc^{-1} Uncertainty from the Hubble Space Telescope and the SH0ES Team,” Riess, A. G., W. Yuan, L. M. Macri, D. Scolnic, D. Brout, S. Casertano, D. O. Jones, Y. Murakami, G. S. Anand, L. Breuval, T. G. Brink, A. V. Filippenko, S. Hoffmann, **S. W. Jha**, W. D’arcy Kenworthy, J. Mackenty, B. E. Stahl, and W. Zheng, 2022, ApJL, 934, L7
https://doi.org/10.3847/2041-8213/ac5c5b
https://ui.adsabs.harvard.edu/abs/2022ApJ...934L...7R

201 “Constraining the Progenitor System of the Type Ia Supernova 2021aefx,” Hosseinzadeh, G., D. J. Sand, P. Lundqvist, J. E. Andrews, K. A. Bostroem, Y. Dong, D. Janzen, J. E. Jencson, M. Lundquist, N. E. Meza Retamal, J. Pearson, S. Valenti, S. Wyatt, J. Burke, D. A. Howell, C. McCully, M. Newsome, E. P. Gonzalez, C. Pellegrino, G. Terreran, L. A. Kwok, **S. W. Jha**, J. Strader, E. Kundu, S. D. Ryder, J. Haislip, V. Kouprianov, and D. E. Reichart, 2022, ApJL, 933, L45
https://doi.org/10.3847/2041-8213/ac7cef
https://ui.adsabs.harvard.edu/abs/2022ApJ...933L..45H

200 “MUSSES2020J: The Earliest Discovery of a Fast Blue Ultraluminous Transient at Redshift 1.063,” Jiang, J.-. an ., N. Yasuda, K. Maeda, N. Tominaga, M. Doi, Ž. Ivezić, P. Yoachim, K. Uno, T. J. Moriya, B. Kumar, Y.-C. Pan, M. Tanaka, M. Tanaka, K. Nomoto, **S. W. Jha**, P. Ruiz-Lapuente, D. Jones, T. Shigeyama, N. Suzuki, M. Kokubo, H. Furusawa, S. Miyazaki, A. J. Connolly, D. K. Sahu, and G. C. Anupama, 2022, ApJL, 933, L36
https://doi.org/10.3847/2041-8213/ac7390
https://ui.adsabs.harvard.edu/abs/2022ApJ...933L..36J

199 “Progenitor and close-in circumstellar medium of type II supernova 2020fqv from high-cadence photometry and ultra-rapid UV spectroscopy,” Tinyanont, S., R. Ridden-Harper, R. J. Foley, V. Morozova, C. D. Kilpatrick, G. Dimitriadis, L. DeMarchi, A. Gagliano, W. V. Jacobson-Galán, A. Messick, J. D. R. Pierel, A. L. Piro, E. Ramirez-Ruiz, M. R. Siebert, K. C. Chambers, K. E. Clever, D. A. Coulter, K. De, M. Hankins, T. Hung, **S. W. Jha**, C. E. Jimenez Angel, D. O. Jones, M. M. Kasliwal, C.-C. Lin, R. Marques-Chaves, R. Margutti, A. Moore, I. Pérez-Fournon, F. Poidevin, A. Rest, R. Shirley, C. S. Smith, E. Strasburger, J. J. Swift, R. J. Wainscoat, Q. Wang, and Y. Zenati, 2022, MNRAS, 512, 2777-2797
https://doi.org/10.1093/mnras/stab2887
https://ui.adsabs.harvard.edu/abs/2022MNRAS.512.2777T

198 “Nebular-phase spectra of Type Ia supernovae from the Las Cumbres Observatory Global Supernova Project,” Graham, M. L., T. D. Kennedy, S. Kumar, R. C. Amaro, D. J. Sand, **S. W. Jha**, L. Galbany, J. Vinko, J. C. Wheeler, E. Y. Hsiao, K. A. Bostroem, J. Burke, D. Hiramatsu, G. Hosseinzadeh, C. McCully, D. A. Howell, T. Diamond, P. Hoeflich, X. Wang, and W. Li, 2022, MNRAS, 511, 3682-3707
https://doi.org/10.1093/mnras/stac192
https://ui.adsabs.harvard.edu/abs/2022MNRAS.511.3682G

197 “The Impact of Observing Strategy on Cosmological Constraints with LSST,” Lochner, M., D. Scolnic, H. Almoubayyed, T. Anguita, H. Awan, E. Gawiser, S. G. A Gontcho, M. L. Graham, P. Gris, S. Huber, **S. W. Jha**, R. Lynne Jones, A. G. Kim, R. Mandelbaum, P. Marshall, T. Petrushevska, N. Regnault, C. N. Setzer, S. H. Suyu, P. Yoachim, R. Biswas, T. Blaineau, I. Hook, M. Moniez, E. Neilsen, H. Peiris, D. Rothchild, C. Stubbs, and LSST Dark Energy Science Collaboration, 2022, ApJS, 259, 58
https://doi.org/10.3847/1538-4365/ac5033
https://ui.adsabs.harvard.edu/abs/2022ApJS..259...58L

196 “The Rapid X-Ray and UV Evolution of ASASSN-14ko,” Payne, A. V., B. J. Shappee, J. T. Hinkle, T. W.-S. Holoien, K. Auchettl, C. S. Kochanek, K. Z. Stanek, T. A. Thompson, M. A. Tucker, J. D. Armstrong, P. T. Boyd, J. Brimacombe, R. Cornect, M. E. Huber, **S. W. Jha**, and C.-C. Lin, 2022, ApJ, 926, 142
https://doi.org/10.3847/1538-4357/ac480c
https://ui.adsabs.harvard.edu/abs/2022ApJ...926..142P

195 “Still Brighter than Pre-explosion, SN 2012Z Did Not Disappear: Comparing Hubble Space Telescope Observations a Decade Apart,” McCully, C., **S. W. Jha**, R. A. Scalzo, D. A. Howell, R. J. Foley, Y. Zeng, Z.-W. Liu, G. Hosseinzadeh, L. Bildsten, A. G. Riess, R. P. Kirshner, G. H. Marion, and Y. Camacho-Neves, 2022, ApJ, 925, 138
https://doi.org/10.3847/1538-4357/ac3bbd
https://ui.adsabs.harvard.edu/abs/2022ApJ...925..138M

194 “The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae,” Dettman, K. G., **S. W. Jha**, M. Dai, R. J. Foley, A. Rest, D. M. Scolnic, M. R. Siebert, K. C. Chambers, D. A. Coulter, M. E. Huber, E. Johnson, D. O. Jones, C. D. Kilpatrick, R. P. Kirshner, Y.-C. Pan, A. G. Riess, and A. S. B. Shultz, 2021, ApJ, 923, 267
https://doi.org/10.3847/1538-4357/ac2ee5
https://ui.adsabs.harvard.edu/abs/2021ApJ...923..267D

193 “SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances,” Kenworthy, W. D., D. O. Jones, M. Dai, R. Kessler, D. Scolnic, D. Brout, M. R. Siebert, J. D. R. Pierel, K. G. Dettman, G. Dimitriadis, R. J. Foley, **S. W. Jha**, Y.-C. Pan, A. Riess, S. Rodney, and C. Rojas-Bravo, 2021, ApJ, 923, 265
https://doi.org/10.3847/1538-4357/ac30d8
https://ui.adsabs.harvard.edu/abs/2021ApJ...923..265K

192 “SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2),” Wang, Q., A. Rest, Y. Zenati, R. Ridden-Harper, G. Dimitriadis, G. Narayan, V. A. Villar, M. R. Magee, R. J. Foley, E. J. Shaya, P. Garnavich, L. Wang, L. Hu, A. Bódi, P. Armstrong, K. Auchettl, T. Barclay, G. Barentsen, Z. Bognár, J. Brimacombe, J. Bulger, J. Burke, P. Challis, K. Chambers, D. A. Coulter, G. Csörnyei, B. Cseh, M. Deckers, J. L. Dotson, L. Galbany, S. González-Gaitán, M. Gromadzki, M. Gully-Santiago, O. Hanyecz, C. Hedges, D. Hiramatsu, G. Hosseinzadeh, D. A. Howell, S. B. Howell, M. E. Huber, **S. W. Jha**, D. O. Jones, R. Könyves-Tóth, C. Kalup, C. D. Kilpatrick, L. Kriskovics, W. Li, T. B. Lowe, S. Margheim, C. McCully, A. Mitra, J. A. Muñoz, M. Nicholl, J. Nordin, A. Pál, Y.-C. Pan, A. L. Piro, S. Rest, J. Rino-Silvestre, C. Rojas-Bravo, K. Sárneczky, M. R. Siebert, S. J. Smartt, K. Smith, Á. Sódor, M. D. Stritzinger, R. Szabó, R. Szakáts, B. E. Tucker, J. Vinkó, X. Wang, J. C. Wheeler, D. R. Young, A. Zenteno, K. Zhang, and G. Zsidi, 2021, ApJ, 923, 167
https://doi.org/10.3847/1538-4357/ac2c84
https://ui.adsabs.harvard.edu/abs/2021ApJ...923..167W

191 “SN2017jgh: a high-cadence complete shock cooling light curve of a SN IIb with the Kepler telescope,” Armstrong, P., B. E. Tucker, A. Rest, R. Ridden-Harper, Y. Zenati, A. L. Piro, S. Hinton, C. Lidman, S. Margheim, G. Narayan, E. Shaya, P. Garnavich, D. Kasen, V. Villar, A. Zenteno, I. Arcavi, M. Drout, R. J. Foley, J. Wheeler, J. Anais, A. Campillay, D. Coulter, G. Dimitriadis, D. Jones, C. D. Kilpatrick, N. Muñoz-Elgueta, C. Rojas-Bravo, J. Vargas-González, J. Bulger, K. Chambers, M. Huber, T. Lowe, E. Magnier, B. J. Shappee, S. Smartt, K. W. Smith, T. Barclay, G. Barentsen, J. Dotson, M. Gully-Santiago, C. Hedges, S. Howell, A. Cody, K. Auchettl, A. Bódi, Z. Bognár, J. Brimacombe, P. Brown, B. Cseh, L. Galbany, D. Hiramatsu, T. W.-S. Holoien, D. A. Howell, **S. W. Jha**, R. Könyves-Tóth, L. Kriskovics, C. McCully, P. Milne, J. Muñoz, Y. Pan, A. Pál, H. Sai, K. Sárneczky, N. Smith, Á. Sódor, R. Szabó, R. Szakáts, S. Valenti, J. Vinkó, X. Wang, K. Zhang, and G. Zsidi, 2021, MNRAS, 507, 3125-3138
https://doi.org/10.1093/mnras/stab2138
https://ui.adsabs.harvard.edu/abs/2021MNRAS.507.3125A

190 “AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary,” Jencson, J. E., J. E. Andrews, H. E. Bond, V. Karambelkar, D. J. Sand, S. D. van Dyk, N. Blagorodnova, M. L. Boyer, M. M. Kasliwal, R. M. Lau, S. Mohamed, R. Williams, P. A. Whitelock, R. C. Amaro, K. A. Bostroem, Y. Dong, M. J. Lundquist, S. Valenti, S. D. Wyatt, J. Burke, K. De, **S. W. Jha**, J. Johansson, C. Rojas-Bravo, D. A. Coulter, R. J. Foley, R. D. Gehrz, J. Haislip, D. Hiramatsu, D. A. Howell, C. D. Kilpatrick, F. J. Masci, C. McCully, C.-C. Ngeow, Y.-C. Pan, C. Pellegrino, A. L. Piro, V. Kouprianov, D. E. Reichart, A. Rest, S. Rest, and N. Smith, 2021, ApJ, 920, 127
https://doi.org/10.3847/1538-4357/ac1424
https://ui.adsabs.harvard.edu/abs/2021ApJ...920..127J

189 “The LSST DESC DC2 Simulated Sky Survey,” LSST Dark Energy Science Collaboration (LSST DESC), B. Abolfathi, D. Alonso, R. Armstrong, É. Aubourg, H. Awan, Y. N. Babuji,

F. E. Bauer, R. Bean, G. Beckett, R. Biswas, J. R. Bogart, D. Boutigny, K. Chard, J. Chiang, C. F. Claver, J. Cohen-Tanugi, C. Combet, A. J. Connolly, S. F. Daniel, S. W. Digel, A. Drlica-Wagner, R. Dubois, E. Gangler, E. Gawiser, T. Glanzman, P. Gris, S. Habib, A. P. Hearin, K. Heitmann, F. Hernandez, R. Hložek, J. Hollowed, M. Ishak, Ž. Ivezić, M. Jarvis, **S. W. Jha**, S. M. Kahn, J. B. Kalmbach, H. M. Kelly, E. Kovacs, D. Korytov, K. S. Krughoff, C. S. Lage, F. Lanusse, P. Larsen, L. Le Guillou, N. Li, E. P. Longley, R. H. Lupton, R. Mandelbaum, Y.-Y. Mao, P. Marshall, J. E. Meyers, M. Moniez, C. B. Morrison, A. Nomerotski, P. O'Connor, H. Park, J. W. Park, J. Peloton, D. Perrefort, J. Perry, S. Plaszczynski, A. Pope, A. Rasmussen, K. Reil, A. J. Roodman, E. S. Rykoff, F. J. Sánchez, S. J. Schmidt, D. Scolnic, C. W. Stubbs, J. A. Tyson, T. D. Uram, A. Villarreal, C. W. Walter, M. P. Wiesner, W. M. Wood-Vasey, and J. Zuntz, 2021, ApJS, 253, 31
https://doi.org/10.3847/1538-4365/abd62c
https://ui.adsabs.harvard.edu/abs/2021ApJS..253...31L

188 "SN 2019muj - a well-observed Type Iax supernova that bridges the luminosity gap of the class," Barna, B., T. Szalai, **S. W. Jha**, Y. Camacho-Neves, L. Kwok, R. J. Foley, C. D. Kilpatrick, D. A. Coulter, G. Dimitriadis, A. Rest, C. Rojas-Bravo, M. R. Siebert, P. J. Brown, J. Burke, E. Padilla Gonzalez, D. Hiramatsu, D. A. Howell, C. McCully, C. Pellegrino, M. Dobson, S. J. Smartt, J. J. Swift, H. Stacey, M. Rahman, D. J. Sand, J. Andrews, S. Wyatt, E. Y. Hsiao, J. P. Anderson, T.-W. Chen, M. Della Valle, L. Galbany, M. Gromadzki, C. Inserra, J. Lyman, M. Magee, K. Maguire, T. E. Müller-Bravo, M. Nicholl, S. Srivastav, and S. C. Williams, 2021, MNRAS, 501, 1078-1099
https://doi.org/10.1093/mnras/staa3543
https://ui.adsabs.harvard.edu/abs/2021MNRAS.501.1078B

187 "PS15cey and PS17cke: prospective candidates from the Pan-STARRS Search for kilonovae," McBrien, O. R., S. J. Smartt, M. E. Huber, A. Rest, K. C. Chambers, C. Barbieri, M. Bulla, **S. Jha**, M. Gromadzki, S. Srivastav, K. W. Smith, D. R. Young, S. McLaughlin, C. Inserra, M. Nicholl, M. Fraser, K. Maguire, T.-W. Chen, T. Wevers, J. P. Anderson, T. E. Müller-Bravo, F. Olivares E., E. Kankare, A. Gal-Yam, and C. Waters, 2021, MNRAS, 500, 4213-4228
https://doi.org/10.1093/mnras/staa3361
https://ui.adsabs.harvard.edu/abs/2021MNRAS.500.4213M

186 "The Early Discovery of SN 2017ahn: Signatures of Persistent Interaction in a Fast-declining Type II Supernova," Tartaglia, L., D. J. Sand, J. H. Groh, S. Valenti, S. D. Wyatt, K. A. Bostroem, P. J. Brown, S. Yang, J. Burke, T.-W. Chen, S. Davis, F. Förster, L. Galbany, J. Haislip, D. Hiramatsu, G. Hosseinzadeh, D. A. Howell, E. Y. Hsiao, **S. W. Jha**, V. Kouprianov, H. Kuncarayakti, J. D. Lyman, C. McCully, M. M. Phillips, A. Rau, D. E. Reichart, M. Shahbandeh, and J. Strader, 2021, ApJ, 907, 52
https://doi.org/10.3847/1538-4357/abca8a
https://ui.adsabs.harvard.edu/abs/2021ApJ...907...52T

185 "Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau," Dong, Y., S. Valenti, K. A. Bostroem, D. J. Sand, J. E. Andrews, L. Galbany, **S. W. Jha**, Y. Eweis, L.

Kwok, E. Y. Hsiao, S. Davis, P. J. Brown, H. Kuncarayakti, K. Maeda, J. Rho, R. C. Amaro, J. P. Anderson, I. Arcavi, J. Burke, R. Dastidar, G. Folatelli, J. Haislip, D. Hiramatsu, G. Hosseinzadeh, D. A. Howell, J. Jencson, V. Kouprianov, M. Lundquist, J. D. Lyman, C. McCully, K. Misra, D. E. Reichart, S. F. Sánchez, N. Smith, X. Wang, L. Wang, and S. Wyatt, 2021, ApJ, 906, 56
https://doi.org/10.3847/1538-4357/abc417
https://ui.adsabs.harvard.edu/abs/2021ApJ...906...56D

184 "The Young and Nearby Normal Type Ia Supernova 2018gv: UV-optical Observations and the Earliest Spectropolarimetry," Yang, Y., P. Hoeflich, D. Baade, J. R. Maund, L. Wang, P. J. Brown, H. F. Stevance, I. Arcavi, J. Burke, A. Cikota, A. Clocchiatti, A. Gal-Yam, M. L. Graham, D. Hiramatsu, G. Hosseinzadeh, D. A. Howell, **S. W. Jha**, C. McCully, F. Patat, D. J. Sand, S. Schulze, J. Spyromilio, S. Valenti, J. Vinkó, X. Wang, J. C. Wheeler, O. Yaron, and J. Zhang, 2020, ApJ, 902, 46
https://doi.org/10.3847/1538-4357/aba759
https://ui.adsabs.harvard.edu/abs/2020ApJ...902...46Y

183 "Ca hnk: The Calcium-rich Transient Supernova 2016hnk from a Helium Shell Detonation of a Sub-Chandrasekhar White Dwarf," Jacobson-Galán, W. V., A. Polin, R. J. Foley, G. Dimitriadis, C. D. Kilpatrick, R. Margutti, D. A. Coulter, **S. W. Jha**, D. O. Jones, R. P. Kirshner, Y.-C. Pan, A. L. Piro, A. Rest, and C. Rojas-Bravo, 2020, ApJ, 896, 165
https://doi.org/10.3847/1538-4357/ab94b8
https://ui.adsabs.harvard.edu/abs/2020ApJ...896..165J

182 "Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068," Bostroem, K. A., S. Valenti, D. J. Sand, J. E. Andrews, S. D. Van Dyk, L. Galbany, D. Pooley, R. C. Amaro, N. Smith, S. Yang, G. C. Anupama, I. Arcavi, E. Baron, P. J. Brown, J. Burke, R. Cartier, D. Hiramatsu, R. Dastidar, J. M. DerKacy, Y. Dong, E. Egami, S. Ertel, A. V. Filippenko, O. D. Fox, J. Haislip, G. Hosseinzadeh, D. A. Howell, A. Gangopadhyay, **S. W. Jha**, V. Kouprianov, B. Kumar, M. Lundquist, D. Milisavljevic, C. McCully, P. Milne, K. Misra, D. E. Reichart, D. K. Sahu, H. Sai, A. Singh, P. S. Smith, J. Vinko, X. Wang, Y. Wang, J. C. Wheeler, G. G. Williams, S. Wyatt, J. Zhang, and X. Zhang, 2020, ApJ, 895, 31
https://doi.org/10.3847/1538-4357/ab8945
https://ui.adsabs.harvard.edu/abs/2020ApJ...895...31B

181 "The BUFFALO HST Survey," Steinhardt, C. L., M. Jauzac, A. Acebron, H. Atek, P. Capak, I. Davidzon, D. Eckert, D. Harvey, A. M. Koekemoer, C. D. P. Lagos, G. Mahler, M. Montes, A. Niemiec, M. Nonino, P. A. Oesch, J. Richard, S. A. Rodney, M. Schaller, K. Sharon, L.-G. Strolger, J. Allingham, A. Amara, Y. Bahé, C. Bœhm, S. Bose, R. J. Bouwens, L. D. Bradley, G. Brammer, T. Broadhurst, R. Cañas, R. Cen, B. Clément, D. Clowe, D. Coe, T. Connor, B. Darvish, J. M. Diego, H. Ebeling, A. C. Edge, E. Egami, S. Ettori, A. L. Faisst, B. Frye, L. J. Furtak, C. Gómez-Guijarro, J. D. Remolina González, A. Gonzalez, O. Graur, D. Gruen, D. Harvey, H. Hensley, B. Hovis-Afflerbach, P. Jablonka, **S. W. Jha**, E. Jullo, J.-P. Kneib, V. Kokorev, D. J. Lagattuta, M. Limousin, A. von der Linden, N. B. Linzer, A. Lopez, G. E.

Magdis, R. Massey, D. C. Masters, M. Maturi, C. McCully, S. L. McGee, M. Meneghetti, B. Mobasher, L. A. Moustakas, E. J. Murphy, P. Natarajan, M. Neyrinck, K. O'Connor, M. Oguri, A. Pagul, J. Rhodes, R. M. Rich, A. Robertson, M. Sereno, H. Shan, G. P. Smith, A. Sneppen, G. K. Squires, S.-I. Tam, C. Tchernin, S. Toft, K. Umetsu, J. R. Weaver, R. J. van Weeren, L. L. R. Williams, T. J. Wilson, L. Yan, and A. Zitrin, 2020, ApJS, 247, 64
https://doi.org/10.3847/1538-4365/ab75ed
https://ui.adsabs.harvard.edu/abs/2020ApJS..247...64S

180 "Constraining Type Iax supernova progenitor systems with stellar population age dating," Takaro, T., R. J. Foley, C. McCully, W.-F. Fong, **S. W. Jha**, G. Narayan, A. Rest, M. Stritzinger, and K. McKinnon, 2020, MNRAS, 493, 986-1002
https://doi.org/10.1093/mnras/staa294
https://ui.adsabs.harvard.edu/abs/2020MNRAS.493..986T

179 "Unconventional origin of supersoft X-ray emission from a white dwarf binary," Maccarone, T. J., T. J. Nelson, P. J. Brown, K. Mukai, P. A. Charles, A. Rajoelimanana, D. A. H. Buckley, J. Strader, L. Chomiuk, C. T. Britt, **S. W. Jha**, P. Mróz, A. Udalski, M. K. Szymański, I. Soszyński, R. Poleski, S. Kozłowski, P. Pietrukowicz, J. Skowron, and K. Ulaczyk, 2019, NatAs, 3, 173-177
https://doi.org/10.1038/s41550-018-0639-1
https://ui.adsabs.harvard.edu/abs/2019NatAs...3..173M

178 "GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR," Coughlin, M. W., T. Ahumada, S. Anand, K. De, M. J. Hankins, M. M. Kasliwal, L. P. Singer, E. C. Bellm, I. Andreoni, S. B. Cenko, J. Cooke, C. M. Copperwheat, A. M. Dugas, J. E. Jencson, D. A. Perley, P.-C. Yu, V. Bhalerao, H. Kumar, J. S. Bloom, G. C. Anupama, M. C. B. Ashley, A. Bagdasaryan, R. Biswas, D. A. H. Buckley, K. B. Burdge, D. O. Cook, J. Cromer, V. Cunningham, A. D'Aì, R. G. Dekany, A. Delacroix, S. Dichiara, D. A. Duev, A. Dutta, M. Feeney, S. Frederick, P. Gatkine, S. Ghosh, D. A. Goldstein, V. Z. Golkhou, A. Goobar, M. J. Graham, H. Hanayama, T. Horiuchi, T. Hung, **S. W. Jha**, A. K. H. Kong, M. Giomi, D. L. Kaplan, V. R. Karambelkar, M. Kowalski, S. R. Kulkarni, T. Kupfer, F. J. Masci, P. Mazzali, A. M. Moore, M. Mogotsi, J. D. Neill, C.-C. Ngeow, J. Martínez-Palomera, V. La Parola, M. Pavana, E. O. Ofek, A. S. Patil, R. Riddle, M. Rigault, B. Rusholme, E. Serabyn, D. L. Shupe, Y. Sharma, A. Singh, J. Sollerman, J. Soon, K. Staats, K. Taggart, H. Tan, T. Travouillon, E. Troja, G. Waratkar, and Y. Yatsu, 2019, ApJL, 885, L19
https://doi.org/10.3847/2041-8213/ab4ad8
https://ui.adsabs.harvard.edu/abs/2019ApJ...885L..19C

177 "The Photometric LSST Astronomical Time-series Classification Challenge PLAsTiCC: Selection of a Performance Metric for Classification Probabilities Balancing Diverse Science Goals," Malz, A. I., R. Hložek, T. Allam, A. Bahmanyar, R. Biswas, M. Dai, L. Galbany, E. E. O. Ishida, **S. W. Jha**, D. O. Jones, R. Kessler, M. Lochner, A. A. Mahabal, K. S. Mandel, J. R. Martínez-Galarza, J. D. McEwen, D. Muthukrishna, G. Narayan, H. Peiris, C. M.

Peters, K. Ponder, C. N. Setzer, (the LSST Dark Energy Science Collaboration, . the . LSST Transients, and Variable Stars Science Collaboration, 2019, AJ, 158, 171
https://doi.org/10.3847/1538-3881/ab3a2f
https://ui.adsabs.harvard.edu/abs/2019AJ....158..171M

176 "RELICS: Reionization Lensing Cluster Survey," Coe, D., B. Salmon, M. Bradač, L. D. Bradley, K. Sharon, A. Zitrin, A. Acebron, C. Cerny, N. Cibirka, V. Strait, R. Paterno-Mahler, G. Mahler, R. J. Avila, S. Ogaz, K.-H. Huang, D. Pelliccia, D. P. Stark, R. Mainali, P. A. Oesch, M. Trenti, D. Carrasco, W. A. Dawson, S. A. Rodney, L.-G. Strolger, A. G. Riess, C. Jones, B. L. Frye, N. G. Czakon, K. Umetsu, B. Vulcani, O. Graur, **S. W. Jha**, M. L. Graham, A. Molino, M. Nonino, J. Hjorth, J. Selsing, L. Christensen, S. Kikuchihara, M. Ouchi, M. Oguri, B. Welch, B. C. Lemaux, F. Andrade-Santos, A. T. Hoag, T. L. Johnson, A. Peterson, M. Past, C. Fox, I. Agulli, R. Livermore, R. E. Ryan, D. Lam, I. Sendra-Server, S. Toft, L. Lovisari, and Y. Su, 2019, ApJ, 884, 85
https://doi.org/10.3847/1538-4357/ab412b
https://ui.adsabs.harvard.edu/abs/2019ApJ...884...85C

175 "Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk," Galbany, L., C. Ashall, P. Höflich, S. González-Gaitán, S. Taubenberger, M. Stritzinger, E. Y. Hsiao, P. Mazzali, E. Baron, S. Blondin, S. Bose, M. Bulla, J. F. Burke, C. R. Burns, R. Cartier, P. Chen, M. Della Valle, T. R. Diamond, C. P. Gutiérrez, J. Harmanen, D. Hiramatsu, T. W.-S. Holoien, G. Hosseinzadeh, D. A. Howell, Y. Huang, C. Inserra, T. de Jaeger, **S. W. Jha**, T. Kangas, M. Kromer, J. D. Lyman, K. Maguire, G. H. Marion, D. Milisavljevic, S. J. Prentice, A. Razza, T. M. Reynolds, D. J. Sand, B. J. Shappee, R. Shekhar, S. J. Smartt, K. G. Stassun, M. Sullivan, S. Valenti, S. Villanueva, X. Wang, J. C. Wheeler, Q. Zhai, and J. Zhang, 2019, A&A, 630, A76
https://doi.org/10.1051/0004-6361/201935537
https://ui.adsabs.harvard.edu/abs/2019A&A...630A..76G

174 "Models and Simulations for the Photometric LSST Astronomical Time Series Classification Challenge (PLAsTiCC)," Kessler, R., G. Narayan, A. Avelino, E. Bachelet, R. Biswas, P. J. Brown, D. F. Chernoff, A. J. Connolly, M. Dai, S. Daniel, R. Di Stefano, M. R. Drout, L. Galbany, S. González-Gaitán, M. L. Graham, R. Hložek, E. E. O. Ishida, J. Guillochon, **S. W. Jha**, D. O. Jones, K. S. Mandel, D. Muthukrishna, A. O'Grady, C. M. Peters, J. R. Pierel, K. A. Ponder, A. Prša, S. Rodney, V. A. Villar, LSST Dark Energy Science Collaboration, and Transient and Variable Stars Science Collaboration, 2019, PASP, 131, 094501
https://doi.org/10.1088/1538-3873/ab26f1
https://ui.adsabs.harvard.edu/abs/2019PASP..131i4501K

173 "Observational properties of thermonuclear supernovae," **Jha, S. W.**, K. Maguire, and M. Sullivan, 2019, NatAs, 3, 706-716
https://doi.org/10.1038/s41550-019-0858-0
https://ui.adsabs.harvard.edu/abs/2019NatAs...3..706J

172 “Detection of circumstellar helium in Type Iax progenitor systems,” Jacobson-Galán, W. V., R. J. Foley, J. Schwab, G. Dimitriadis, S. Dong, **S. W. Jha**, D. Kasen, C. D. Kilpatrick, and R. Thomas, 2019, MNRAS, 487, 2538-2577
https://doi.org/10.1093/mnras/stz1305
https://ui.adsabs.harvard.edu/abs/2019MNRAS.487.2538J

171 “ASASSN-18tb: a most unusual Type Ia supernova observed by TESS and SALT,” Vallely, P. J., M. Fausnaugh, **S. W. Jha**, M. A. Tucker, Y. Eweis, B. J. Shappee, C. S. Kochanek, K. Z. Stanek, P. Chen, S. Dong, J. L. Prieto, T. Sukhbold, T. A. Thompson, J. Brimacombe, M. D. Stritzinger, T. W.-S. Holoien, D. A. H. Buckley, M. Gromadzki, and S. Bose, 2019, MNRAS, 487, 2372-2384
https://doi.org/10.1093/mnras/stz1445
https://ui.adsabs.harvard.edu/abs/2019MNRAS.487.2372V

170 “The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope,” Jones, D. O., D. M. Scolnic, R. J. Foley, A. Rest, R. Kessler, P. M. Challis, K. C. Chambers, D. A. Coulter, K. G. Dettman, M. M. Foley, M. E. Huber, **S. W. Jha**, E. Johnson, C. D. Kilpatrick, R. P. Kirshner, J. Manuel, G. Narayan, Y.-C. Pan, A. G. Riess, A. S. B. Schultz, M. R. Siebert, E. Berger, R. Chornock, H. Flewelling, E. A. Magnier, S. J. Smartt, K. W. Smith, R. J. Wainscoat, C. Waters, and M. Willman, 2019, ApJ, 881, 19
https://doi.org/10.3847/1538-4357/ab2bec
https://ui.adsabs.harvard.edu/abs/2019ApJ...881...19J

169 “Red and Reddened: Ultraviolet through Near-infrared Observations of Type Ia Supernova 2017erp,” Brown, P. J., G. Hosseinzadeh, **S. W. Jha**, D. Sand, E. Vieira, X. Wang, M. Dai, K. G. Dettman, J. Mould, S. Uddin, L. Wang, I. Arcavi, J. Bento, C. R. Burns, T. Diamond, D. Hiramatsu, D. A. Howell, E. Y. Hsiao, G. H. Marion, C. McCully, P. A. Milne, D. Mirzaqulov, A. J. Ruiter, S. Valenti, and D. Xiang, 2019, ApJ, 877, 152
https://doi.org/10.3847/1538-4357/ab1a3f
https://ui.adsabs.harvard.edu/abs/2019ApJ...877..152B

168 “Nebular Hα Limits for Fast Declining SNe Ia,” Sand, D. J., R. C. Amaro, M. Moe, M. L. Graham, J. E. Andrews, J. Burke, R. Cartier, Y. Eweis, L. Galbany, D. Hiramatsu, D. A. Howell, **S. W. Jha**, M. Lundquist, T. Matheson, C. McCully, P. Milne, N. Smith, S. Valenti, and S. Wyatt, 2019, ApJL, 877, L4
https://doi.org/10.3847/2041-8213/ab1eaf
https://ui.adsabs.harvard.edu/abs/2019ApJ...877L...4S

167 “K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova,” Dimitriadis, G., R. J. Foley, A. Rest, D. Kasen, A. L. Piro, A. Polin, D. O. Jones, A. Villar, G. Narayan, D. A. Coulter, C. D. Kilpatrick, Y.-C. Pan, C. Rojas-Bravo, O. D. Fox, **S. W. Jha**, P. E. Nugent, A. G. Riess, D. Scolnic, M. R. Drout, G. Barentsen, J. Dotson, M. Gully-Santiago, C. Hedges, A. M. Cody, T. Barclay, S. Howell, P. Garnavich, B. E. Tucker, E. Shaya, R. Mushotzky, R. P. Olling, S. Margheim, A. Zenteno, J. Coughlin, J. E. Van

Cleve, J. V. d. M. Cardoso, K. A. Larson, K. M. McCalmont-Everton, C. A. Peterson, S. E. Ross, L. H. Reedy, D. Osborne, C. McGinn, L. Kohnert, L. Migliorini, A. Wheaton, B. Spencer, C. Labonde, G. Castillo, G. Beerman, K. Steward, M. Hanley, R. Larsen, R. Gangopadhyay, R. Kloetzel, T. Weschler, V. Nystrom, J. Moffatt, M. Redick, K. Griest, M. Packard, M. Muszynski, J. Kampmeier, R. Bjella, S. Flynn, B. Elsaesser, K. C. Chambers, H. A. Flewelling, M. E. Huber, E. A. Magnier, C. Z. Waters, A. S. B. Schultz, J. Bulger, T. B. Lowe, M. Willman, S. J. Smartt, K. W. Smith, S. Points, G. M. Strampelli, J. Brimacombe, P. Chen, J. A. Muñoz, R. L. Mutel, J. Shields, P. J. Vallely, S. Villanueva Jr., W. Li, X. Wang, J. Zhang, H. Lin, J. Mo, X. Zhao, H. Sai, X. Zhang, K. Zhang, T. Zhang, L. Wang, J. Zhang, E. Baron, J. M. DerKacy, L. Li, Z. Chen, D. Xiang, L. Rui, L. Wang, F. Huang, X. Li, G. Hosseinzadeh, D. A. Howell, I. Arcavi, D. Hiramatsu, J. Burke, S. Valenti, J. L. Tonry, L. Denneau, A. N. Heinze, H. Weiland, B. Stalder, J. Vinkó, K. Sárneczky, A. Pál, A. Bódi, Z. Bognár, B. Csák, B. Cseh, G. Csörnyei, O. Hanyecz, B. Ignácz, C. Kalup, R. Könyves-Tóth, L. Kriskovics, A. Ordasi, I. Rajmon, A. Sódor, R. Szabó, R. Szakáts, G. Zsidi, S. C. Williams, J. Nordin, R. Cartier, C. Frohmaier, L. Galbany, C. P. Gutiérrez, I. Hook, C. Inserra, M. Smith, D. J. Sand, J. E. Andrews, N. Smith, and C. Bilinski, 2019, ApJ, 870, L1
https://doi.org/10.3847/2041-8213/aaedb0
http://adsabs.harvard.edu/abs/2019ApJ...870L...1D

166 “Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations,” Li, W., X. Wang, J. Vinkó, J. Mo, G. Hosseinzadeh, D. J. Sand, J. Zhang, H. Lin, T. Zhang, L. Wang, J. Zhang, Z. Chen, D. Xiang, L. Rui, F. Huang, X. Li, X. Zhang, L. Li, E. Baron, J. M. Derkacy, X. Zhao, H. Sai, K. Zhang, L. Wang, D. A. Howell, C. McCully, I. Arcavi, S. Valenti, D. Hiramatsu, J. Burke, A. Rest, P. Garnavich, B. E. Tucker, G. Narayan, E. Shaya, S. Margheim, A. Zenteno, A. Villar, G. Dimitriadis, R. J. Foley, Y.-C. Pan, D. A. Coulter, O. D. Fox, **S. W. Jha**, D. O. Jones, D. N. Kasen, C. D. Kilpatrick, A. L. Piro, A. G. Riess, C. Rojas-Bravo, B. J. Shappee, T. W.-S. Holoien, K. Z. Stanek, M. R. Drout, K. Auchettl, C. S. Kochanek, J. S. Brown, S. Bose, D. Bersier, J. Brimacombe, P. Chen, S. Dong, S. Holmbo, J. A. Muñoz, R. L. Mutel, R. S. Post, J. L. Prieto, J. Shields, D. Tallon, T. A. Thompson, P. J. Vallely, S. Villanueva Jr., S. J. Smartt, K. W. Smith, K. C. Chambers, H. A. Flewelling, M. E. Huber, E. A. Magnier, C. Z. Waters, A. S. B. Schultz, J. Bulger, T. B. Lowe, M. Willman, K. Sárneczky, A. Pál, J. C. Wheeler, A. Bódi, Z. Bognár, B. Csák, B. Cseh, G. Csörnyei, O. Hanyecz, B. Ignácz, C. Kalup, R. Könyves-Tóth, L. Kriskovics, A. Ordasi, I. Rajmon, A. Sódor, R. Szabó, R. Szakáts, G. Zsidi, P. Milne, J. E. Andrews, N. Smith, C. Bilinski, P. J. Brown, J. Nordin, S. C. Williams, L. Galbany, J. Palmerio, I. M. Hook, C. Inserra, K. Maguire, R. Cartier, A. Razza, C. P. Gutiérrez, J. J. Hermes, J. S. Reding, B. C. Kaiser, J. L. Tonry, A. N. Heinze, L. Denneau, H. Weiland, B. Stalder, G. Barentsen, J. Dotson, T. Barclay, M. Gully-Santiago, C. Hedges, A. M. Cody, S. Howell, J. Coughlin, J. E. Van Cleve, J. V. d. M. Cardoso, K. A. Larson, K. M. McCalmont-Everton, C. A. Peterson, S. E. Ross, L. H. Reedy, D. Osborne, C. McGinn, L. Kohnert, L. Migliorini, A. Wheaton, B. Spencer, C. Labonde, G. Castillo, G. Beerman, K. Steward, M. Hanley, R. Larsen, R. Gangopadhyay, R. Kloetzel, T. Weschler, V. Nystrom, J. Moffatt,

M. Redick, K. Griest, M. Packard, M. Muszynski, J. Kampmeier, R. Bjella, S. Flynn, and B. Elsaesser, 2019, ApJ, 870, 12
https://doi.org/10.3847/1538-4357/aaec74
http://adsabs.harvard.edu/abs/2019ApJ...870...12L

165 "Extending Supernova Spectral Templates for Next-generation Space Telescope Observations," Pierel, J. D. R., S. Rodney, A. Avelino, F. Bianco, A. V. Filippenko, R. J. Foley, A. Friedman, M. Hicken, R. Hounsell, **S. W. Jha**, R. Kessler, R. P. Kirshner, K. Mandel, G. Narayan, D. Scolnic, and L. Strolger, 2018, PASP, 130, 114504
https://doi.org/10.1088/1538-3873/aadb7a
http://adsabs.harvard.edu/abs/2018PASP..130k4504P

164 "Should Type Ia Supernova Distances Be Corrected for Their Local Environments?" Jones, D. O., A. G. Riess, D. M. Scolnic, Y.-C. Pan, E. Johnson, D. A. Coulter, K. G. Dettman, M. M. Foley, R. J. Foley, M. E. Huber, **S. W. Jha**, C. D. Kilpatrick, R. P. Kirshner, A. Rest, A. S. B. Schultz, and M. R. Siebert, 2018, ApJ, 867, 108
https://doi.org/10.3847/1538-4357/aae2b9
http://adsabs.harvard.edu/abs/2018ApJ...867..108J

163 "Simulations of the WFIRST Supernova Survey and Forecasts of Cosmological Constraints," Hounsell, R., D. Scolnic, R. J. Foley, R. Kessler, V. Miranda, A. Avelino, R. C. Bohlin, A. V. Filippenko, J. Frieman, **S. W. Jha**, P. L. Kelly, R. P. Kirshner, K. Mandel, A. Rest, A. G. Riess, S. A. Rodney, and L. Strolger, 2018, ApJ, 867, 23
https://doi.org/10.3847/1538-4357/aac08b
http://adsabs.harvard.edu/abs/2018ApJ...867...23H

162 "Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae, " Shen, K. J., D. Boubert, B. T. Gänsicke, **S. W. Jha**, J. E. Andrews, L. Chomiuk, R. J. Foley, M. Fraser, M. Gromadzki, J. Guillochon, M. M. Kotze, K. Maguire, M. R. Siebert, N. Smith, J. Strader, C. Badenes, W. E. Kerzendorf, D. Koester, M. Kromer, B. Miles, R. Pakmor, J. Schwab, O. Toloza, S. Toonen, D. M. Townsley, and B. J. Williams, 2018, ApJ, 865, 15
https://doi.org/10.3847/1538-4357/aad55b
http://adsabs.harvard.edu/abs/2018ApJ...865...15S

161 "Nebular Spectroscopy of the 'Blue Bump' Type Ia Supernova 2017cbv," Sand, D. J., M. L. Graham, J. Botyánszki, D. Hiramatsu, C. McCully, S. Valenti, G. Hosseinzadeh, D. A. Howell, J. Burke, R. Cartier, T. Diamond, E. Y. Hsiao, **S. W. Jha**, D. Kasen, S. Kumar, G. H. Marion, N. Suntzeff, L. Tartaglia, J. C. Wheeler, and S. Wyatt, 2018, ApJ, 863, 24
https://doi.org/10.3847/1538-4357/aacde8
http://adsabs.harvard.edu/abs/2018ApJ...863...24S

160 "The Data Release of the Sloan Digital Sky Survey-II Supernova Survey," Sako, M., B. Bassett, A. C. Becker, P. J. Brown, H. Campbell, R. Wolf, D. Cinabro, C. B. D'Andrea, K. S. Dawson, F. DeJongh, D. L. Depoy, B. Dilday, M. Doi, A. V. Filippenko, J. A. Fischer, R. J. Foley,

J. A. Frieman, L. Galbany, P. M. Garnavich, A. Goobar, R. R. Gupta, G. J. Hill, B. T. Hayden, R. Hlozek, J. A. Holtzman, U. Hopp, **S. W. Jha**, R. Kessler, W. Kollatschny, G. Leloudas, J. Marriner, J. L. Marshall, R. Miquel, T. Morokuma, J. Mosher, R. C. Nichol, J. Nordin, M. D. Olmstead, L. Östman, J. L. Prieto, M. Richmond, R. W. Romani, J. Sollerman, M. Stritzinger, D. P. Schneider, M. Smith, J. C. Wheeler, N. Yasuda, and C. Zheng, 2018, PASP, 130, 064002
https://doi.org/10.1088/1538-3873/aab4e0
http://adsabs.harvard.edu/abs/2018PASP..130f4002S

159 "The First Data Release from SweetSpot: 74 Supernovae in 36 Nights on WIYN+WHIRC," Weyant, A., W. M. Wood-Vasey, R. Joyce, L. Allen, P. Garnavich, **S. W. Jha**, J. R. Kroboth, T. Matheson, and K. A. Ponder, 2018, AJ, 155, 201
https://doi.org/10.3847/1538-3881/aab901
http://adsabs.harvard.edu/abs/2018AJ....155..201W

158 "Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens," Kelly, P. L., J. M. Diego, S. Rodney, N. Kaiser, T. Broadhurst, A. Zitrin, T. Treu, P. G. Pérez-González, T. Morishita, M. Jauzac, J. Selsing, M. Oguri, L. Pueyo, T. W. Ross, A. V. Filippenko, N. Smith, J. Hjorth, S. B. Cenko, X. Wang, D. A. Howell, J. Richard, B. L. Frye, **S. W. Jha**, R. J. Foley, C. Norman, M. Bradac, W. Zheng, G. Brammer, A. M. Benito, A. Cava, L. Christensen, S. E. de Mink, O. Graur, C. Grillo, R. Kawamata, J.-P. Kneib, T. Matheson, C. McCully, M. Nonino, I. Pérez-Fournon, A. G. Riess, P. Rosati, K. B. Schmidt, K. Sharon, and B. J. Weiner, 2018, NatAs, 2, 334-342
https://doi.org/10.1038/s41550-018-0430-3
http://adsabs.harvard.edu/abs/2018NatAs...2..334K

157 "Two peculiar fast transients in a strongly lensed host galaxy," Rodney, S. A., I. Balestra, M. Bradac, G. Brammer, T. Broadhurst, G. B. Caminha, G. Chirivı, J. M. Diego, A. V. Filippenko, R. J. Foley, O. Graur, C. Grillo, S. Hemmati, J. Hjorth, A. Hoag, M. Jauzac, **S. W. Jha**, R. Kawamata, P. L. Kelly, C. McCully, B. Mobasher, A. Molino, M. Oguri, J. Richard, A. G. Riess, P. Rosati, K. B. Schmidt, J. Selsing, K. Sharon, L.-G. Strolger, S. H. Suyu, T. Treu, B. J. Weiner, L. L. R. Williams, and A. Zitrin, 2018, NatAs, 2, 324-333
https://doi.org/10.1038/s41550-018-0405-4
http://adsabs.harvard.edu/abs/2018NatAs...2..324R

156 "The Foundation Supernova Survey: motivation, design, implementation, and first data release," Foley, R. J., D. Scolnic, A. Rest, **S. W. Jha**, Y.-C. Pan, A. G. Riess, P. Challis, K. C. Chambers, D. A. Coulter, K. G. Dettman, M. M. Foley, O. D. Fox, M. E. Huber, D. O. Jones, C. D. Kilpatrick, R. P. Kirshner, A. S. B. Schultz, M. R. Siebert, H. A. Flewelling, B. Gibson, E. A. Magnier, J. A. Miller, N. Primak, S. J. Smartt, K. W. Smith, R. J. Wainscoat, C. Waters, and M. Willman, 2018, MNRAS, 475, 193-219
https://doi.org/10.1093/mnras/stx3136
http://adsabs.harvard.edu/abs/2018MNRAS.475..193F

155 “Astronomical Distance Determination in the Space Age. Secondary Distance Indicators,” Czerny, B., R. Beaton, M. Bejger, E. Cackett, M. Dall’Ora, R. F. L. Holanda, J. B. Jensen, **S. W. Jha**, E. Lusso, T. Minezaki, G. Risaliti, M. Salaris, S. Toonen, and Y. Yoshii, 2018, SSRv, 214, 32
https://doi.org/10.1007/s11214-018-0466-9
http://adsabs.harvard.edu/abs/2018SSRv..214...32C

154 “Type Ia Supernova Distances at Redshift >1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate,” Riess, A. G., S. A. Rodney, D. M. Scolnic, D. L. Shafer, L.-G. Strolger, H. C. Ferguson, M. Postman, O. Graur, D. Maoz, **S. W. Jha**, B. Mobasher, S. Casertano, B. Hayden, A. Molino, J. Hjorth, P. M. Garnavich, D. O. Jones, R. P. Kirshner, A. M. Koekemoer, N. A. Grogin, G. Brammer, S. Hemmati, M. Dickinson, P. M. Challis, S. Wolff, K. I. Clubb, A. V. Filippenko, H. Nayyeri, V. U, D. C. Koo, S. M. Faber, D. Kocevski, L. Bradley, and D. Coe, 2018, ApJ, 853, 126
https://doi.org/10.3847/1538-4357/aaa5a9
http://adsabs.harvard.edu/abs/2018ApJ...853..126R

153 “The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am,” Tartaglia, L., D. J. Sand, S. Valenti, S. Wyatt, J. P. Anderson, I. Arcavi, C. Ashall, M. T. Botticella, R. Cartier, T.-W. Chen, A. Cikota, D. Coulter, M. Della Valle, R. J. Foley, A. Gal-Yam, L. Galbany, C. Gall, J. B. Haislip, J. Harmanen, G. Hosseinzadeh, D. A. Howell, E. Y. Hsiao, C. Inserra, **S. W. Jha**, E. Kankare, C. D. Kilpatrick, V. V. Kouprianov, H. Kuncarayakti, T. J. Maccarone, K. Maguire, S. Mattila, P. A. Mazzali, C. McCully, A. Melandri, N. Morrell, M. M. Phillips, G. Pignata, A. L. Piro, S. Prentice, D. E. Reichart, C. Rojas-Bravo, S. J. Smartt, K. W. Smith, J. Sollerman, M. D. Stritzinger, M. Sullivan, F. Taddia, and D. R. Young, 2018, ApJ, 853, 62
https://doi.org/10.3847/1538-4357/aaa014
http://adsabs.harvard.edu/abs/2018ApJ...853...62T

152 “Measuring the Hubble constant with Type Ia supernovae as near-infrared standard candles,” Dhawan, S., **S. W. Jha**, and B. Leibundgut, 2018, A&A, 609, A72
https://doi.org/10.1051/0004-6361/201731501
http://adsabs.harvard.edu/abs/2018A%26A...609A..72D

151 “A hybrid type Ia supernova with an early flash triggered by helium-shell detonation,” Jiang, J.-A., M. Doi, K. Maeda, T. Shigeyama, K. Nomoto, N. Yasuda, **S. W. Jha**, M. Tanaka, T. Morokuma, N. Tominaga, Zcaron;. Ivezić, P. Ruiz-Lapuente, M. D. Stritzinger, P. A. Mazzali, C. Ashall, J. Mould, D. Baade, N. Suzuki, A. J. Connolly, F. Patat, L. Wang, P. Yoachim, D. Jones, H. Furusawa, and S. Miyazaki, 2017, Nature, 550, 80-83
https://doi.org/10.1038/nature23908
http://adsabs.harvard.edu/abs/2017Natur.550...80J

150 “The Discovery of the Electromagnetic Counterpart of GW170817: Kilonova AT 2017gfo/DLT17ck,” Valenti, S., David, J. Sand, S. Yang, E. Cappellaro, L. Tartaglia, A. Corsi,

S. W. Jha, D. E. Reichart, J. Haislip, and V. Kouprianov, 2017, ApJ, 848, L24
https://doi.org/10.3847/2041-8213/aa8edf
http://adsabs.harvard.edu/abs/2017ApJ...848L..24V

149 "CLASH: accurate photometric redshifts with 14 HST bands in massive galaxy cluster cores," Molino, A., N. Benítez, B. Ascaso, D. Coe, M. Postman, S. Jouvel, O. Host, O. Lahav, S. Seitz, E. Medezinski, P. Rosati, W. Schoenell, A. Koekemoer, Y. Jimenez-Teja, T. Broadhurst, P. Melchior, I. Balestra, M. Bartelmann, R. Bouwens, L. Bradley, N. Czakon, M. Donahue, H. Ford, O. Graur, G. Graves, C. Grillo, L. Infante, **S. W. Jha**, D. Kelson, R. Lazkoz, D. Lemze, D. Maoz, A. Mercurio, M. Meneghetti, J. Merten, L. Moustakas, M. Nonino, S. Orgaz, A. Riess, S. Rodney, J. Sayers, K. Umetsu, W. Zheng, and A. Zitrin, 2017, MNRAS, 470, 95-113
https://doi.org/10.1093/mnras/stx1243
http://adsabs.harvard.edu/abs/2017MNRAS.470...95M

148 "The Unexpected, Long-Lasting, UV Rebrightening of the Super-Luminous Supernova ASASSN-15lh," Godoy-Rivera, D., K. Z. Stanek, C. S. Kochanek, P. Chen, S. Dong, J. L. Prieto, B. J. Shappee, **S. W. Jha**, R. J. Foley, Y.-C. Pan, T. W.-S. Holoien, T. A. Thompson, D. Grupe, and J. F. Beacom, 2017, MNRAS, 466, 1428-1443
https://doi.org/10.1093/mnras/stw3237
http://adsabs.harvard.edu/abs/2017MNRAS.466.1428G

147 "The Progenitor and Early Evolution of the Type IIb SN 2016gkg," Tartaglia, L., M. Fraser, D. J. Sand, S. Valenti, S. J. Smartt, C. McCully, J. P. Anderson, I. Arcavi, N. Elias-Rosa, L. Galbany, A. Gal-Yam, J. B. Haislip, G. Hosseinzadeh, D. A. Howell, C. Inserra, **S. W. Jha**, E. Kankare, P. Lundqvist, K. Maguire, S. Mattila, D. Reichart, K. W. Smith, M. Smith, M. Stritzinger, M. Sullivan, F. Taddia, and L. Tomasella, 2017, ApJ, 836, L12
https://doi.org/10.3847/2041-8213/aa5c7f
http://adsabs.harvard.edu/abs/2017ApJ...836L..12T

146 "SN Refsdal: Classification as a Luminous and Blue SN 1987A-like Type II Supernova," Kelly, P. L., G. Brammer, J. Selsing, R. J. Foley, J. Hjorth, S. A. Rodney, L. Christensen, L.-G. Strolger, A. V. Filippenko, T. Treu, C. C. Steidel, A. Strom, A. G. Riess, A. Zitrin, K. B. Schmidt, M. Bradač, **S. W. Jha**, M. L. Graham, C. McCully, O. Graur, B. J. Weiner, J. M. Silverman, and F. Taddia, 2016, ApJ, 831, 205
https://doi.org/10.3847/0004-637X/831/2/205
http://adsabs.harvard.edu/abs/2016ApJ...831..205K

145 "Late-time spectroscopy of Type Iax Supernovae," Foley, R. J., **S. W. Jha**, Y.-C. Pan, W. K. Zheng, L. Bildsten, A. V. Filippenko, and D. Kasen, 2016, MNRAS, 461, 433-457
https://doi.org/10.1093/mnras/stw1320
http://adsabs.harvard.edu/abs/2016MNRAS.461..433F

144 "Light Curves of 213 Type Ia Supernovae from the ESSENCE Survey," Narayan, G., A. Rest, B. E. Tucker, R. J. Foley, W. M. Wood-Vasey, P. Challis, C. Stubbs, R. P. Kirshner, C. Aguilera,

A. C. Becker, S. Blondin, A. Clocchiatti, R. Covarrubias, G. Damke, T. M. Davis, A. V. Filippenko, M. Ganeshalingam, A. Garg, P. M. Garnavich, M. Hicken, **S. W. Jha**, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, G. Miknaitis, G. Pignata, J. L. Prieto, A. G. Riess, B. P. Schmidt, J. M. Silverman, R. C. Smith, J. Sollerman, J. Spyromilio, N. B. Suntzeff, J. L. Tonry, and A. Zenteno, 2016, ApJS, 224, 3
https://doi.org/10.3847/0067-0049/224/1/3
http://adsabs.harvard.edu/abs/2016ApJS..224....3N

143 "SDSS-II Supernova Survey: An Analysis of the Largest Sample of Type Ia Supernovae and Correlations with Host-galaxy Spectral Properties," Wolf, R. C., C. B. D'Andrea, R. R. Gupta, M. Sako, J. A. Fischer, R. Kessler, **S. W. Jha**, M. C. March, D. M. Scolnic, J.-L. Fischer, H. Campbell, R. C. Nichol, M. D. Olmstead, M. Richmond, D. P. Schneider, and M. Smith, 2016, ApJ, 821, 115
https://doi.org/10.3847/0004-637X/821/2/115
http://adsabs.harvard.edu/abs/2016ApJ...821..115W

142 "SN 2012cg: Evidence for Interaction Between a Normal Type Ia Supernova and a Non-degenerate Binary Companion," Marion, G. H., P. J. Brown, J. Vinkó, J. M. Silverman, D. J. Sand, P. Challis, R. P. Kirshner, J. C. Wheeler, P. Berlind, W. R. Brown, M. L. Calkins, Y. Camacho, G. Dhungana, R. J. Foley, A. S. Friedman, M. L. Graham, D. A. Howell, E. Y. Hsiao, J. M. Irwin, **S. W. Jha**, R. Kehoe, L. M. Macri, K. Maeda, K. Mandel, C. McCully, V. Pandya, K. J. Rines, S. Wilhelmy, and W. Zheng, 2016, ApJ, 820, 92
https://doi.org/10.3847/0004-637X/820/2/92
http://adsabs.harvard.edu/abs/2016ApJ...820...92M

141 "SN Refsdal: Photometry and Time Delay Measurements of the First Einstein Cross Supernova," Rodney, S. A., L.-G. Strolger, P. L. Kelly, M. Bradač, G. Brammer, A. V. Filippenko, R. J. Foley, O. Graur, J. Hjorth, **S. W. Jha**, C. McCully, A. Molino, A. G. Riess, K. B. Schmidt, J. Selsing, K. Sharon, T. Treu, B. J. Weiner, and A. Zitrin, 2016, ApJ, 820, 50
https://doi.org/10.3847/0004-637X/820/1/50
http://adsabs.harvard.edu/abs/2016ApJ...820...50R

140 "Deja Vu All Over Again: The Reappearance of Supernova Refsdal," Kelly, P. L., S. A. Rodney, T. Treu, L.-G. Strolger, R. J. Foley, **S. W. Jha**, J. Selsing, G. Brammer, M. Bradač, S. B. Cenko, O. Graur, A. V. Filippenko, J. Hjorth, C. McCully, A. Molino, M. Nonino, A. G. Riess, K. B. Schmidt, B. Tucker, A. von der Linden, B. J. Weiner, and A. Zitrin, 2016, ApJ, 819, L8
https://doi.org/10.3847/2041-8205/819/1/L8
http://adsabs.harvard.edu/abs/2016ApJ...819L...8K

139 "ASASSN-15lh: A highly super-luminous supernova," Dong, S., B. J. Shappee, J. L. Prieto, **S. W. Jha**, K. Z. Stanek, T. W.-S. Holoien, C. S. Kochanek, T. A. Thompson, N. Morrell, I. B. Thompson, U. Basu, J. F. Beacom, D. Bersier, J. Brimacombe, J. S. Brown, F. Bufano, P. Chen, E. Conseil, A. B. Danilet, E. Falco, D. Grupe, S. Kiyota, G. Masi, B. Nicholls,

F. Olivares E., G. Pignata, G. Pojmanski, G. V. Simonian, D. M. Szczygiel, and P. R. Woźniak, 2016, Science, 351, 257-260
https://doi.org/10.1126/science.aac9613
http://adsabs.harvard.edu/abs/2016Sci...351..257D

138 "Refsdal Meets Popper: Comparing Predictions of the Re-appearance of the Multiply Imaged Supernova Behind MACSJ1149.5+2223," Treu, T., G. Brammer, J. M. Diego, C. Grillo, P. L. Kelly, M. Oguri, S. A. Rodney, P. Rosati, K. Sharon, A. Zitrin, I. Balestra, M. Bradač, T. Broadhurst, G. B. Caminha, A. Halkola, A. Hoag, M. Ishigaki, T. L. Johnson, W. Karman, R. Kawamata, A. Mercurio, K. B. Schmidt, L.-G. Strolger, S. H. Suyu, A. V. Filippenko, R. J. Foley, **S. W. Jha**, and B. Patel, 2016, ApJ, 817, 60
https://doi.org/10.3847/0004-637X/817/1/60
http://adsabs.harvard.edu/abs/2016ApJ...817...60T

137 "Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra," Childress, M. J., D. J. Hillier, I. Seitenzahl, M. Sullivan, K. Maguire, S. Taubenberger, R. Scalzo, A. Ruiter, N. Blagorodnova, Y. Camacho, J. Castillo, N. Elias-Rosa, M. Fraser, A. Gal-Yam, M. Graham, D. A. Howell, C. Inserra, **S. W. Jha**, S. Kumar, P. A. Mazzali, C. McCully, A. Morales-Garoffolo, V. Pandya, J. Polshaw, B. Schmidt, S. Smartt, K. W. Smith, J. Sollerman, J. Spyromilio, B. Tucker, S. Valenti, N. Walton, C. Wolf, O. Yaron, D. R. Young, F. Yuan, and B. Zhang, 2015, MNRAS, 454, 3816-3842
https://doi.org/10.1093/mnras/stv2173
http://adsabs.harvard.edu/abs/2015MNRAS.454.3816C

136 "Illuminating a Dark Lens : A Type Ia Supernova Magnified by the Frontier Fields Galaxy Cluster Abell 2744," Rodney, S. A., B. Patel, D. Scolnic, R. J. Foley, A. Molino, G. Brammer, M. Jauzac, M. Bradač, T. Broadhurst, D. Coe, J. M. Diego, O. Graur, J. Hjorth, A. Hoag, **S. W. Jha**, T. L. Johnson, P. Kelly, D. Lam, C. McCully, E. Medezinski, M. Meneghetti, J. Merten, J. Richard, A. Riess, K. Sharon, L.-G. Strolger, T. Treu, X. Wang, L. L. R. Williams, and A. Zitrin, 2015, ApJ, 811, 70
https://doi.org/10.1088/0004-637X/811/1/70
http://adsabs.harvard.edu/abs/2015ApJ...811...70R

135 "Multiple images of a highly magnified supernova formed by an early-type cluster galaxy lens," Kelly, P. L., S. A. Rodney, T. Treu, R. J. Foley, G. Brammer, K. B. Schmidt, A. Zitrin, A. Sonnenfeld, L.-G. Strolger, O. Graur, A. V. Filippenko, **S. W. Jha**, A. G. Riess, M. Bradac, B. J. Weiner, D. Scolnic, M. A. Malkan, A. von der Linden, M. Trenti, J. Hjorth, R. Gavazzi, A. Fontana, J. C. Merten, C. McCully, T. Jones, M. Postman, A. Dressler, B. Patel, S. B. Cenko, M. L. Graham, and B. E. Tucker, 2015, Science, 347, 1123-1126
https://doi.org/10.1126/science.aaa3350
http://adsabs.harvard.edu/abs/2015Sci...347.1123K

134 "On the Progenitor System of the Type Iax Supernova 2014dt in M61," Foley, R. J., S. D. Van Dyk, **S. W. Jha**, K. I. Clubb, A. V. Filippenko, J. C. Mauerhan, A. A. Miller, and N. Smith,

2015, ApJ, 798, L37
https://doi.org/10.1088/2041-8205/798/2/L37
http://adsabs.harvard.edu/abs/2015ApJ...798L..37F

133 "Comprehensive observations of the bright and energetic Type Iax SN 2012Z: Interpretation as a Chandrasekhar mass white dwarf explosion," Stritzinger, M. D., S. Valenti, P. Hoeflich, E. Baron, M. M. Phillips, F. Taddia, R. J. Foley, E. Y. Hsiao, **S. W. Jha**, C. McCully, V. Pandya, J. D. Simon, S. Benetti, P. J. Brown, C. R. Burns, A. Campillay, C. Contreras, F. Förster, S. Holmbo, G. H. Marion, N. Morrell, and G. Pignata, 2015, A&A, 573, A2
https://doi.org/10.1051/0004-6361/201424168
http://adsabs.harvard.edu/abs/2015A%26A...573A...2S

132 "Extensive HST ultraviolet spectra and multiwavelength observations of SN 2014J in M82 indicate reddening and circumstellar scattering by typical dust," Foley, R. J., O. D. Fox, C. McCully, M. M. Phillips, D. J. Sand, W. Zheng, P. Challis, A. V. Filippenko, G. Folatelli, W. Hillebrandt, E. Y. Hsiao, **S. W. Jha**, R. P. Kirshner, M. Kromer, G. H. Marion, M. Nelson, R. Pakmor, G. Pignata, F. K. Röpke, I. R. Seitenzahl, J. M. Silverman, M. Skrutskie, and M. D. Stritzinger, 2014, MNRAS, 443, 2887-2906
https://doi.org/10.1093/mnras/stu1378
http://adsabs.harvard.edu/abs/2014MNRAS.443.2887F

131 "Possible Detection of the Stellar Donor or Remnant for the Type Iax Supernova 2008ha," Foley, R. J., C. McCully, **S. W. Jha**, L. Bildsten, W.-f. Fong, G. Narayan, A. Rest, and M. D. Stritzinger, 2014, ApJ, 792, 29
https://doi.org/10.1088/0004-637X/792/1/29
http://adsabs.harvard.edu/abs/2014ApJ...792...29F

130 "A luminous, blue progenitor system for the type Iax supernova 2012Z," McCully, C., **S. W. Jha**, R. J. Foley, L. Bildsten, W.-f. Fong, R. P. Kirshner, G. H. Marion, A. G. Riess, and M. D. Stritzinger, 2014, Nature, 512, 54-56
https://doi.org/10.1038/nature13615
http://adsabs.harvard.edu/abs/2014Natur.512...54M

129 "Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples," Betoule, M., R. Kessler, J. Guy, J. Mosher, D. Hardin, R. Biswas, P. Astier, P. El-Hage, M. Konig, S. Kuhlmann, J. Marriner, R. Pain, N. Regnault, C. Balland, B. A. Bassett, P. J. Brown, H. Campbell, R. G. Carlberg, F. Cellier-Holzem, D. Cinabro, A. Conley, C. B. D'Andrea, D. L. DePoy, M. Doi, R. S. Ellis, S. Fabbro, A. V. Filippenko, R. J. Foley, J. A. Frieman, D. Fouchez, L. Galbany, A. Goobar, R. R. Gupta, G. J. Hill, R. Hlozek, C. J. Hogan, I. M. Hook, D. A. Howell, **S. W. Jha**, L. Le Guillou, G. Leloudas, C. Lidman, J. L. Marshall, A. Möller, A. M. Mourão, J. Neveu, R. Nichol, M. D. Olmstead, N. Palanque-Delabrouille, S. Perlmutter, J. L. Prieto, C. J. Pritchet, M. Richmond, A. G. Riess, V. Ruhlmann-Kleider, M. Sako, K. Schahmaneche, D. P. Schneider, M. Smith, J. Sollerman, M. Sullivan, N. A. Walton, and C. J. Wheeler, 2014, A&A, 568, A22

https://doi.org/10.1051/0004-6361/201423413
http://adsabs.harvard.edu/abs/2014A%26A...568A..22B

128 "Type Ia Supernova Rate Measurements to Redshift 2.5 from CANDELS: Searching for Prompt Explosions in the Early Universe," Rodney, S. A., A. G. Riess, L.-G. Strolger, T. Dahlen, O. Graur, S. Casertano, M. E. Dickinson, H. C. Ferguson, P. Garnavich, B. Hayden, **S. W. Jha**, D. O. Jones, R. P. Kirshner, A. M. Koekemoer, C. McCully, B. Mobasher, B. Patel, B. J. Weiner, S. B. Cenko, K. I. Clubb, M. Cooper, A. V. Filippenko, T. F. Frederiksen, J. Hjorth, B. Leibundgut, T. Matheson, H. Nayyeri, K. Penner, J. Trump, J. M. Silverman, V. U, K. Azalee Bostroem, P. Challis, A. Rajan, S. Wolff, S. M. Faber, N. A. Grogin, and D. Kocevski, 2014, AJ, 148, 13
https://doi.org/10.1088/0004-6256/148/1/13
http://adsabs.harvard.edu/abs/2014AJ....148...13R

127 "Hubble Space Telescope and Ground-based Observations of the Type Iax Supernovae SN 2005hk and SN 2008A," McCully, C., **S. W. Jha**, R. J. Foley, R. Chornock, J. A. Holtzman, D. D. Balam, D. Branch, A. V. Filippenko, J. Frieman, J. Fynbo, L. Galbany, M. Ganeshalingam, P. M. Garnavich, M. L. Graham, E. Y. Hsiao, G. Leloudas, D. C. Leonard, W. Li, A. G. Riess, M. Sako, D. P. Schneider, J. M. Silverman, J. Sollerman, T. N. Steele, R. C. Thomas, J. C. Wheeler, and C. Zheng, 2014, ApJ, 786, 134
https://doi.org/10.1088/0004-637X/786/2/134
http://adsabs.harvard.edu/abs/2014ApJ...786..134M

126 "Three Gravitationally Lensed Supernovae behind CLASH Galaxy Clusters," Patel, B., C. McCully, **S. W. Jha**, S. A. Rodney, D. O. Jones, O. Graur, J. Merten, A. Zitrin, A. G. Riess, T. Matheson, M. Sako, T. W.-S. Holoien, M. Postman, D. Coe, M. Bartelmann, I. Balestra, N. Benítez, R. Bouwens, L. Bradley, T. Broadhurst, S. B. Cenko, M. Donahue, A. V. Filippenko, H. Ford, P. Garnavich, C. Grillo, L. Infante, S. Jouvel, D. Kelson, A. Koekemoer, O. Lahav, D. Lemze, D. Maoz, E. Medezinski, P. Melchior, M. Meneghetti, A. Molino, J. Moustakas, L. A. Moustakas, M. Nonino, P. Rosati, S. Seitz, L. G. Strolger, K. Umetsu, and W. Zheng, 2014, ApJ, 786, 9
https://doi.org/10.1088/0004-637X/786/1/9
http://adsabs.harvard.edu/abs/2014ApJ...786....9P

125 "Optical Spectra of 73 Stripped-envelope Core-collapse Supernovae," Modjaz, M., S. Blondin, R. P. Kirshner, T. Matheson, P. Berlind, F. B. Bianco, M. L. Calkins, P. Challis, P. Garnavich, M. Hicken, **S. Jha**, Y. Q. Liu, and G. H. Marion, 2014, AJ, 147, 99
https://doi.org/10.1088/0004-6256/147/5/99
http://adsabs.harvard.edu/abs/2014AJ....147...99M

124 "SweetSpot: Near-infrared Observations of 13 Type Ia Supernovae from a New NOAO Survey Probing the Nearby Smooth Hubble Flow," Weyant, A., W. M. Wood-Vasey, L. Allen, P. M. Garnavich, **S. W. Jha**, R. Joyce, and T. Matheson, 2014, ApJ, 784, 105

https://doi.org/10.1088/0004-637X/784/2/105
http://adsabs.harvard.edu/abs/2014ApJ...784..105W

123 "Host Galaxy Spectra and Consequences for Supernova Typing from the SDSS SN Survey," Olmstead, M. D., P. J. Brown, M. Sako, B. Bassett, D. Bizyaev, J. Brinkmann, J. R. Brownstein, H. Brewington, H. Campbell, C. B. D'Andrea, K. S. Dawson, G. L. Ebelke, J. A. Frieman, L. Galbany, P. Garnavich, R. R. Gupta, R. Hlozek, **S. W. Jha**, M. Kunz, H. Lampeitl, E. Malanushenko, V. Malanushenko, J. Marriner, R. Miquel, A. D. Montero-Dorta, R. C. Nichol, D. J. Oravetz, K. Pan, D. P. Schneider, A. E. Simmons, M. Smith, and S. A. Snedden, 2014, AJ, 147, 75
https://doi.org/10.1088/0004-6256/147/4/75
http://adsabs.harvard.edu/abs/2014AJ....147...75O

122 "Type-Ia Supernova Rates to Redshift 2.4 from CLASH: The Cluster Lensing And Supernova Survey with Hubble," Graur, O., S. A. Rodney, D. Maoz, A. G. Riess, **S. W. Jha**, M. Postman, T. Dahlen, T. W.-S. Holoien, C. McCully, B. Patel, L.-G. Strolger, N. Benítez, D. Coe, S. Jouvel, E. Medezinski, A. Molino, M. Nonino, L. Bradley, A. Koekemoer, I. Balestra, S. B. Cenko, K. I. Clubb, M. E. Dickinson, A. V. Filippenko, T. F. Frederiksen, P. Garnavich, J. Hjorth, D. O. Jones, B. Leibundgut, T. Matheson, B. Mobasher, P. Rosati, J. M. Silverman, V. U, K. Jedruszczuk, C. Li, K. Lin, M. Mirmelstein, J. Neustadt, A. Ovadia, and E. H. Rogers, 2014, ApJ, 783, 28
https://doi.org/10.1088/0004-637X/783/1/28
http://adsabs.harvard.edu/abs/2014ApJ...783...28G

121 "Spectroscopic Observations of SN 2012fr: A Luminous, Normal Type Ia Supernova with Early High-velocity Features and a Late Velocity Plateau," Childress, M. J., R. A. Scalzo, S. A. Sim, B. E. Tucker, F. Yuan, B. P. Schmidt, S. B. Cenko, J. M. Silverman, C. Contreras, E. Y. Hsiao, M. Phillips, N. Morrell, **S. W. Jha**, C. McCully, A. V. Filippenko, J. P. Anderson, S. Benetti, F. Bufano, T. de Jaeger, F. Forster, A. Gal-Yam, L. Le Guillou, K. Maguire, J. Maund, P. A. Mazzali, G. Pignata, S. Smartt, J. Spyromilio, M. Sullivan, F. Taddia, S. Valenti, D. D. R. Bayliss, M. Bessell, G. A. Blanc, D. J. Carson, K. I. Clubb, C. de Burgh-Day, T. D. Desjardins, J. J. Fang, O. D. Fox, E. L. Gates, I.-T. Ho, S. Keller, P. L. Kelly, C. Lidman, N. S. Loaring, J. R. Mould, M. Owers, S. Ozbilgen, L. Pei, T. Pickering, M. B. Pracy, J. A. Rich, B. E. Schaefer, N. Scott, M. Stritzinger, F. P. A. Vogt, and G. Zhou, 2013, ApJ, 770, 29
https://doi.org/10.1088/0004-637X/770/1/29
http://adsabs.harvard.edu/abs/2013ApJ...770...29C

120 "The Discovery of the Most Distant Known Type Ia Supernova at Redshift 1.914," Jones, D. O., S. A. Rodney, A. G. Riess, B. Mobasher, T. Dahlen, C. McCully, T. F. Frederiksen, S. Casertano, J. Hjorth, C. R. Keeton, A. Koekemoer, L.-G. Strolger, T. G. Wiklind, P. Challis, O. Graur, B. Hayden, B. Patel, B. J. Weiner, A. V. Filippenko, P. Garnavich, **S. W. Jha**, R. P. Kirshner, H. C. Ferguson, N. A. Grogin, and D. Kocevski, 2013, ApJ, 768, 166

https://doi.org/10.1088/0004-637X/768/2/166
http://adsabs.harvard.edu/abs/2013ApJ...768..166J

119 "Type Iax Supernovae: A New Class of Stellar Explosion," Foley, R. J., P. J. Challis, R. Chornock, M. Ganeshalingam, W. Li, G. H. Marion, N. I. Morrell, G. Pignata, M. D. Stritzinger, J. M. Silverman, X. Wang, J. P. Anderson, A. V. Filippenko, W. L. Freedman, M. Hamuy, **S. W. Jha**, R. P. Kirshner, C. McCully, S. E. Persson, M. M. Phillips, D. E. Reichart, and A. M. Soderberg, 2013, ApJ, 767, 57
https://doi.org/10.1088/0004-637X/767/1/57
http://adsabs.harvard.edu/abs/2013ApJ...767...57F

118 "Testing Models of Intrinsic Brightness Variations in Type Ia Supernovae and Their Impact on Measuring Cosmological Parameters," Kessler, R., J. Guy, J. Marriner, M. Betoule, J. Brinkmann, D. Cinabro, P. El-Hage, J. A. Frieman, **S. Jha**, J. Mosher, and D. P. Schneider, 2013, ApJ, 764, 48
https://doi.org/10.1088/0004-637X/764/1/48
http://adsabs.harvard.edu/abs/2013ApJ...764...48K

117 "Cosmology with Photometrically Classified Type Ia Supernovae from the SDSS-II Supernova Survey," Campbell, H., C. B. D'Andrea, R. C. Nichol, M. Sako, M. Smith, H. Lampeitl, M. D. Olmstead, B. Bassett, R. Biswas, P. Brown, D. Cinabro, K. S. Dawson, B. Dilday, R. J. Foley, J. A. Frieman, P. Garnavich, R. Hlozek, **S. W. Jha**, S. Kuhlmann, M. Kunz, J. Marriner, R. Miquel, M. Richmond, A. Riess, D. P. Schneider, J. Sollerman, M. Taylor, and G.-B. Zhao, 2013, ApJ, 763, 88
https://doi.org/10.1088/0004-637X/763/2/88
http://adsabs.harvard.edu/abs/2013ApJ...763...88C

116 "A magnified young galaxy from about 500 million years after the Big Bang," Zheng, W., M. Postman, A. Zitrin, J. Moustakas, X. Shu, S. Jouvel, O. Høst, A. Molino, L. Bradley, D. Coe, L. A. Moustakas, M. Carrasco, H. Ford, N. Benítez, T. R. Lauer, S. Seitz, R. Bouwens, A. Koekemoer, E. Medezinski, M. Bartelmann, T. Broadhurst, M. Donahue, C. Grillo, L. Infante, **S. W. Jha**, D. D. Kelson, O. Lahav, D. Lemze, P. Melchior, M. Meneghetti, J. Merten, M. Nonino, S. Ogaz, P. Rosati, K. Umetsu, and A. van der Wel, 2012, Nature, 489, 406-408
https://doi.org/10.1038/nature11446
http://adsabs.harvard.edu/abs/2012Natur.489..406Z

115 "Berkeley Supernova Ia Program - I. Observations, data reduction and spectroscopic sample of 582 low-redshift Type Ia supernovae," Silverman, J. M., R. J. Foley, A. V. Filippenko, M. Ganeshalingam, A. J. Barth, R. Chornock, C. V. Griffith, J. J. Kong, N. Lee, D. C. Leonard, T. Matheson, E. G. Miller, T. N. Steele, B. J. Barris, J. S. Bloom, B. E. Cobb, A. L. Coil, L.-B. Desroches, E. L. Gates, L. C. Ho, **S. W. Jha**, M. T. Kandrashoff, W. Li, K. S. Mandel, M. Modjaz, M. R. Moore, R. E. Mostardi, M. S. Papenkova, S. Park, D. A. Perley, D. Poznanski, C. A. Reuter, J. Scala, F. J. D. Serduke, J. C. Shields, B. J. Swift, J. L. Tonry, S. D. Van Dyk, X. Wang, and D. S. Wong, 2012, MNRAS, 425, 1789-1818

https://doi.org/10.1111/j.1365-2966.2012.21270.x
http://adsabs.harvard.edu/abs/2012MNRAS.425.1789S

114 "CLASH: Precise New Constraints on the Mass Profile of the Galaxy Cluster A2261," Coe, D., K. Umetsu, A. Zitrin, M. Donahue, E. Medezinski, M. Postman, M. Carrasco, T. Anguita, M. J. Geller, K. J. Rines, A. Diaferio, M. J. Kurtz, L. Bradley, A. Koekemoer, W. Zheng, M. Nonino, A. Molino, A. Mahdavi, D. Lemze, L. Infante, S. Ogaz, P. Melchior, O. Host, H. Ford, C. Grillo, P. Rosati, Y. Jiménez-Teja, J. Moustakas, T. Broadhurst, B. Ascaso, O. Lahav, M. Bartelmann, N. Benítez, R. Bouwens, O. Graur, G. Graves, **S. Jha**, S. Jouvel, D. Kelson, L. Moustakas, D. Maoz, M. Meneghetti, J. Merten, A. Riess, S. Rodney, and S. Seitz, 2012, ApJ, 757, 22
https://doi.org/10.1088/0004-637X/757/1/22
http://adsabs.harvard.edu/abs/2012ApJ...757...22C

113 "Type Ia Supernova Properties as a Function of the Distance to the Host Galaxy in the SDSS-II SN Survey," Galbany, L., R. Miquel, L. Östman, P. J. Brown, D. Cinabro, C. B. D'Andrea, J. Frieman, **S. W. Jha**, J. Marriner, R. C. Nichol, J. Nordin, M. D. Olmstead, M. Sako, D. P. Schneider, M. Smith, J. Sollerman, K. Pan, S. Snedden, D. Bizyaev, H. Brewington, E. Malanushenko, V. Malanushenko, D. Oravetz, A. Simmons, and A. Shelden, 2012, ApJ, 755, 125
https://doi.org/10.1088/0004-637X/755/2/125
http://adsabs.harvard.edu/abs/2012ApJ...755..125G

112 "The SDSS-II Supernova Survey: Parameterizing the Type Ia Supernova Rate as a Function of Host Galaxy Properties," Smith, M., R. C. Nichol, B. Dilday, J. Marriner, R. Kessler, B. Bassett, D. Cinabro, J. Frieman, P. Garnavich, **S. W. Jha**, H. Lampeitl, M. Sako, D. P. Schneider, and J. Sollerman, 2012, ApJ, 755, 61
https://doi.org/10.1088/0004-637X/755/1/61
http://adsabs.harvard.edu/abs/2012ApJ...755...61S

111 "The Infrared Light Curve of SN 2011fe in M101 and the Distance to M101," Matheson, T., R. R. Joyce, L. E. Allen, A. Saha, D. R. Silva, W. M. Wood-Vasey, J. J. Adams, R. E. Anderson, T. L. Beck, M. C. Bentz, M. A. Bershady, W. S. Binkert, K. Butler, M. A. Camarata, A. Eigenbrot, M. Everett, J. S. Gallagher, P. M. Garnavich, E. Glikman, D. Harbeck, J. R. Hargis, H. Herbst, E. P. Horch, S. B. Howell, **S. Jha**, J. F. Kaczmarek, P. Knezek, E. Manne-Nicholas, R. D. Mathieu, M. Meixner, K. Milliman, J. Power, J. Rajagopal, K. Reetz, K. L. Rhode, A. Schechtman-Rook, M. E. Schwamb, H. Schweiker, B. Simmons, J. D. Simon, D. Summers, M. D. Young, A. Weyant, E. M. Wilcots, G. Will, and D. Williams, 2012, ApJ, 754, 19
https://doi.org/10.1088/0004-637X/754/1/19
http://adsabs.harvard.edu/abs/2012ApJ...754...19M

110 "A Precision Photometric Comparison between SDSS-II and CSP Type Ia Supernova Data," Mosher, J., M. Sako, L. Corlies, G. Folatelli, J. Frieman, J. Holtzman, **S. W. Jha**, R. Kessler, J. Marriner, M. M. Phillips, M. Stritzinger, N. Morrell, and D. P. Schneider, 2012, AJ, 144, 17

https://doi.org/10.1088/0004-6256/144/1/17
http://adsabs.harvard.edu/abs/2012AJ....144...17M

109 "The Spectroscopic Diversity of Type Ia Supernovae," Blondin, S., T. Matheson, R. P. Kirshner, K. S. Mandel, P. Berlind, M. Calkins, P. Challis, P. M. Garnavich, **S. W. Jha**, M. Modjaz, A. G. Riess, and B. P. Schmidt, 2012, AJ, 143, 126
https://doi.org/10.1088/0004-6256/143/5/126
http://adsabs.harvard.edu/abs/2012AJ....143..126B

108 "A Mismatch in the Ultraviolet Spectra between Low-redshift and Intermediate-redshift Type Ia Supernovae as a Possible Systematic Uncertainty for Supernova Cosmology," Foley, R. J., A. V. Filippenko, R. Kessler, B. Bassett, J. A. Frieman, P. M. Garnavich, **S. W. Jha**, K. Konishi, H. Lampeitl, A. G. Riess, M. Sako, D. P. Schneider, J. Sollerman, and M. Smith, 2012, AJ, 143, 113
https://doi.org/10.1088/0004-6256/143/5/113
http://adsabs.harvard.edu/abs/2012AJ....143..113F

107 "The Cluster Lensing and Supernova Survey with Hubble: An Overview," Postman, M., D. Coe, N. Benítez, L. Bradley, T. Broadhurst, M. Donahue, H. Ford, O. Graur, G. Graves, S. Jouvel, A. Koekemoer, D. Lemze, E. Medezinski, A. Molino, L. Moustakas, S. Ogaz, A. Riess, S. Rodney, P. Rosati, K. Umetsu, W. Zheng, A. Zitrin, M. Bartelmann, R. Bouwens, N. Czakon, S. Golwala, O. Host, L. Infante, **S. Jha**, Y. Jimenez-Teja, D. Kelson, O. Lahav, R. Lazkoz, D. Maoz, C. McCully, P. Melchior, M. Meneghetti, J. Merten, J. Moustakas, M. Nonino, B. Patel, E. Regös, J. Sayers, S. Seitz, and A. Van der Wel, 2012, ApJS, 199, 25
https://doi.org/10.1088/0067-0049/199/2/25
http://adsabs.harvard.edu/abs/2012ApJS..199...25P

106 "Evidence for Type Ia Supernova Diversity from Ultraviolet Observations with the Hubble Space Telescope," Wang, X., L. Wang, A. V. Filippenko, E. Baron, M. Kromer, D. Jack, T. Zhang, G. Aldering, P. Antilogus, W. D. Arnett, D. Baade, B. J. Barris, S. Benetti, P. Bouchet, A. S. Burrows, R. Canal, E. Cappellaro, R. G. Carlberg, E. di Carlo, P. J. Challis, A. P. S. Crotts, J. I. Danziger, M. Della Valle, M. Fink, R. J. Foley, C. Fransson, A. Gal-Yam, P. M. Garnavich, C. L. Gerardy, G. Goldhaber, M. Hamuy, W. Hillebrandt, P. Höflich, S. T. Holland, D. E. Holz, J. P. Hughes, D. J. Jeffery, **S. W. Jha**, D. Kasen, A. M. Khokhlov, R. P. Kirshner, R. A. Knop, C. Kozma, K. Krisciunas, B. C. Lee, B. Leibundgut, E. J. Lentz, D. C. Leonard, W. H. G. Lewin, W. Li, M. Livio, P. Lundqvist, D. Maoz, T. Matheson, P. A. Mazzali, P. Meikle, G. Miknaitis, P. A. Milne, S. W. Mochnacki, K. Nomoto, P. E. Nugent, E. S. Oran, N. Panagia, S. Perlmutter, M. M. Phillips, P. Pinto, D. Poznanski, C. J. Pritchet, M. Reinecke, A. G. Riess, P. Ruiz-Lapuente, R. A. Scalzo, E. M. Schlegel, B. P. Schmidt, J. Siegrist, A. M. Soderberg, J. Sollerman, G. Sonneborn, A. Spadafora, J. Spyromilio, R. A. Sramek, S. G. Starrfield, L. G. Strolger, N. B. Suntzeff, R. C. Thomas, J. L. Tonry, A. Tornambe, J. W. Truran, M. Turatto, M. Turner, S. D. Van Dyk, K. W. Weiler, J. C. Wheeler, M. Wood-Vasey, S. E. Woosley, and H. Yamaoka, 2012, ApJ, 749, 126

https://doi.org/10.1088/0004-637X/749/2/126
http://adsabs.harvard.edu/abs/2012ApJ...749..126W

105 "CLASH: New Multiple Images Constraining the Inner Mass Profile of MACS J1206.2-0847," Zitrin, A., P. Rosati, M. Nonino, C. Grillo, M. Postman, D. Coe, S. Seitz, T. Eichner, T. Broadhurst, S. Jouvel, I. Balestra, A. Mercurio, M. Scodeggio, N. Benítez, L. Bradley, H. Ford, O. Host, Y. Jimenez-Teja, A. Koekemoer, W. Zheng, M. Bartelmann, R. Bouwens, O. Czoske, M. Donahue, O. Graur, G. Graves, L. Infante, **S. Jha**, D. Kelson, O. Lahav, R. Lazkoz, D. Lemze, M. Lombardi, D. Maoz, C. McCully, E. Medezinski, P. Melchior, M. Meneghetti, J. Merten, A. Molino, L. A. Moustakas, S. Ogaz, B. Patel, E. Regoes, A. Riess, S. Rodney, K. Umetsu, and A. Van der Wel, 2012, ApJ, 749, 97
https://doi.org/10.1088/0004-637X/749/2/97
http://adsabs.harvard.edu/abs/2012ApJ...749...97Z

104 "A Type Ia Supernova at Redshift 1.55 in Hubble Space Telescope Infrared Observations from CANDELS," Rodney, S. A., A. G. Riess, T. Dahlen, L.-G. Strolger, H. C. Ferguson, J. Hjorth, T. F. Frederiksen, B. J. Weiner, B. Mobasher, S. Casertano, D. O. Jones, P. Challis, S. M. Faber, A. V. Filippenko, P. Garnavich, O. Graur, N. A. Grogin, B. Hayden, **S. W. Jha**, R. P. Kirshner, D. Kocevski, A. Koekemoer, C. McCully, B. Patel, A. Rajan, and C. Scarlata, 2012, ApJ, 746, 5
https://doi.org/10.1088/0004-637X/746/1/5
http://adsabs.harvard.edu/abs/2012ApJ...746....5R

103 "Exclusion of a luminous red giant as a companion star to the progenitor of supernova SN 2011fe," Li, W., J. S. Bloom, P. Podsiadlowski, A. A. Miller, S. B. Cenko, **S. W. Jha**, M. Sullivan, D. A. Howell, P. E. Nugent, N. R. Butler, E. O. Ofek, M. M. Kasliwal, J. W. Richards, A. Stockton, H.-Y. Shih, L. Bildsten, M. M. Shara, J. Bibby, A. V. Filippenko, M. Ganeshalingam, J. M. Silverman, S. R. Kulkarni, N. M. Law, D. Poznanski, R. M. Quimby, C. McCully, B. Patel, K. Maguire, and K. J. Shen, 2011, Nature, 480, 348-350
https://doi.org/10.1038/nature10646
http://adsabs.harvard.edu/abs/2011Natur.480..348L

102 "CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey–The Hubble Space Telescope Observations, Imaging Data Products, and Mosaics," Koekemoer, A. M., S. M. Faber, H. C. Ferguson, N. A. Grogin, D. D. Kocevski, D. C. Koo, K. Lai, J. M. Lotz, R. A. Lucas, E. J. McGrath, S. Ogaz, A. Rajan, A. G. Riess, S. A. Rodney, L. Strolger, S. Casertano, M. Castellano, T. Dahlen, M. Dickinson, T. Dolch, A. Fontana, M. Giavalisco, A. Grazian, Y. Guo, N. P. Hathi, K.-H. Huang, A. van der Wel, H.-J. Yan, V. Acquaviva, D. M. Alexander, O. Almaini, M. L. N. Ashby, M. Barden, E. F. Bell, F. Bournaud, T. M. Brown, K. I. Caputi, P. Cassata, P. J. Challis, R.-R. Chary, E. Cheung, M. Cirasuolo, C. J. Conselice, A. Roshan Cooray, D. J. Croton, E. Daddi, R. Davé, D. F. de Mello, L. de Ravel, A. Dekel, J. L. Donley, J. S. Dunlop, A. A. Dutton, D. Elbaz, G. G. Fazio, A. V. Filippenko, S. L. Finkelstein, C. Frazer, J. P. Gardner, P. M. Garnavich, E. Gawiser, R. Gruetzbauch, W. G. Hartley, B. Häussler, J. Herrington, P. F. Hopkins, J.-S. Huang,

S. W. Jha, A. Johnson, J. S. Kartaltepe, A. A. Khostovan, R. P. Kirshner, C. Lani, K.-S. Lee, W. Li, P. Madau, P. J. McCarthy, D. H. McIntosh, R. J. McLure, C. McPartland, B. Mobasher, H. Moreira, A. Mortlock, L. A. Moustakas, M. Mozena, K. Nandra, J. A. Newman, J. L. Nielsen, S. Niemi, K. G. Noeske, C. J. Papovich, L. Pentericci, A. Pope, J. R. Primack, S. Ravindranath, N. A. Reddy, A. Renzini, H.-W. Rix, A. R. Robaina, D. J. Rosario, P. Rosati, S. Salimbeni, C. Scarlata, B. Siana, L. Simard, J. Smidt, D. Snyder, R. S. Somerville, H. Spinrad, A. N. Straughn, O. Telford, H. I. Teplitz, J. R. Trump, C. Vargas, C. Villforth, C. R. Wagner, P. Wandro, R. H. Wechsler, B. J. Weiner, T. Wiklind, V. Wild, G. Wilson, S. Wuyts, and M. S. Yun, 2011, ApJS, 197, 36
https://doi.org/10.1088/0067-0049/197/2/36
http://adsabs.harvard.edu/abs/2011ApJS..197...36K

101 "CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey," Grogin, N. A., D. D. Kocevski, S. M. Faber, H. C. Ferguson, A. M. Koekemoer, A. G. Riess, V. Acquaviva, D. M. Alexander, O. Almaini, M. L. N. Ashby, M. Barden, E. F. Bell, F. Bournaud, T. M. Brown, K. I. Caputi, S. Casertano, P. Cassata, M. Castellano, P. Challis, R.-R. Chary, E. Cheung, M. Cirasuolo, C. J. Conselice, A. Roshan Cooray, D. J. Croton, E. Daddi, T. Dahlen, R. Davé, D. F. de Mello, A. Dekel, M. Dickinson, T. Dolch, J. L. Donley, J. S. Dunlop, A. A. Dutton, D. Elbaz, G. G. Fazio, A. V. Filippenko, S. L. Finkelstein, A. Fontana, J. P. Gardner, P. M. Garnavich, E. Gawiser, M. Giavalisco, A. Grazian, Y. Guo, N. P. Hathi, B. Häussler, P. F. Hopkins, J.-S. Huang, K.-H. Huang, **S. W. Jha**, J. S. Kartaltepe, R. P. Kirshner, D. C. Koo, K. Lai, K.-S. Lee, W. Li, J. M. Lotz, R. A. Lucas, P. Madau, P. J. McCarthy, E. J. McGrath, D. H. McIntosh, R. J. McLure, B. Mobasher, L. A. Moustakas, M. Mozena, K. Nandra, J. A. Newman, S.-M. Niemi, K. G. Noeske, C. J. Papovich, L. Pentericci, A. Pope, J. R. Primack, A. Rajan, S. Ravindranath, N. A. Reddy, A. Renzini, H.-W. Rix, A. R. Robaina, S. A. Rodney, D. J. Rosario, P. Rosati, S. Salimbeni, C. Scarlata, B. Siana, L. Simard, J. Smidt, R. S. Somerville, H. Spinrad, A. N. Straughn, L.-G. Strolger, O. Telford, H. I. Teplitz, J. R. Trump, A. van der Wel, C. Villforth, R. H. Wechsler, B. J. Weiner, T. Wiklind, V. Wild, G. Wilson, S. Wuyts, H.-J. Yan, and M. S. Yun, 2011, ApJS, 197, 35
https://doi.org/10.1088/0067-0049/197/2/35
http://adsabs.harvard.edu/abs/2011ApJS..197...35G

100 "Spectroscopic Properties of Star-forming Host Galaxies and Type Ia Supernova Hubble Residuals in a nearly Unbiased Sample," D'Andrea, C. B., R. R. Gupta, M. Sako, M. Morris, R. C. Nichol, P. J. Brown, H. Campbell, M. D. Olmstead, J. A. Frieman, P. Garnavich, **S. W. Jha**, R. Kessler, H. Lampeitl, J. Marriner, D. P. Schneider, and M. Smith, 2011, ApJ, 743, 172
https://doi.org/10.1088/0004-637X/743/2/172
http://adsabs.harvard.edu/abs/2011ApJ...743..172D

99 "The Cluster Lensing and Supernova Survey with Hubble (CLASH): Strong-lensing Analysis of A383 from 16-band HST/WFC3/ACS Imaging," Zitrin, A., T. Broadhurst, D. Coe, K. Umetsu, M. Postman, N. Benítez, M. Meneghetti, E. Medezinski, S. Jouvel, L. Bradley,

A. Koekemoer, W. Zheng, H. Ford, J. Merten, D. Kelson, O. Lahav, D. Lemze, A. Molino, M. Nonino, M. Donahue, P. Rosati, A. Van der Wel, M. Bartelmann, R. Bouwens, O. Graur, G. Graves, O. Host, L. Infante, **S. Jha**, Y. Jimenez-Teja, R. Lazkoz, D. Maoz, C. McCully, P. Melchior, L. A. Moustakas, S. Ogaz, B. Patel, E. Regoes, A. Riess, S. Rodney, and S. Seitz, 2011, ApJ, 742, 117
https://doi.org/10.1088/0004-637X/742/2/117
http://adsabs.harvard.edu/abs/2011ApJ...742..117Z

98 "The Massive Progenitor of the Possible Type II-Linear Supernova 2009hd in Messier 66," Elias-Rosa, N., S. D. Van Dyk, W. Li, J. M. Silverman, R. J. Foley, M. Ganeshalingam, J. C. Mauerhan, E. Kankare, **S. Jha**, A. V. Filippenko, J. E. Beckman, E. Berger, J.-C. Cuillandre, and N. Smith, 2011, ApJ, 742, 6
https://doi.org/10.1088/0004-637X/742/1/6
http://adsabs.harvard.edu/abs/2011ApJ...742....6E

97 "Improved Constraints on Type Ia Supernova Host Galaxy Properties Using Multi-wavelength Photometry and Their Correlations with Supernova Properties," Gupta, R. R., C. B. D'Andrea, M. Sako, C. Conroy, M. Smith, B. Bassett, J. A. Frieman, P. M. Garnavich, **S. W. Jha**, R. Kessler, H. Lampeitl, J. Marriner, R. C. Nichol, and D. P. Schneider, 2011, ApJ, 740, 92 (erratum: ApJ 741, 127)
https://doi.org/10.1088/0004-637X/740/2/92
http://adsabs.harvard.edu/abs/2011ApJ...740...92G

96 "Nearby supernova rates from the Lick Observatory Supernova Search - II. The observed luminosity functions and fractions of supernovae in a complete sample," Li, W., J. Leaman, R. Chornock, A. V. Filippenko, D. Poznanski, M. Ganeshalingam, X. Wang, M. Modjaz, **S. Jha**, R. J. Foley, and N. Smith, 2011, MNRAS, 412, 1441-1472
https://doi.org/10.1111/j.1365-2966.2011.18160.x
http://adsabs.harvard.edu/abs/2011MNRAS.412.1441L

95 "A 3% Solution: Determination of the Hubble Constant with the Hubble Space Telescope and Wide Field Camera 3," Riess, A. G., L. Macri, S. Casertano, H. Lampeitl, H. C. Ferguson, A. V. Filippenko, **S. W. Jha**, W. Li, R. Chornock, and J. M. Silverman, 2011, ApJ, 730, 119 (errata: ApJ 732, 129; ApJ 752, 76)
https://doi.org/10.1088/0004-637X/730/2/119
http://adsabs.harvard.edu/abs/2011ApJ...730..119R

94 "Results from the Supernova Photometric Classification Challenge," Kessler, R., B. Bassett, P. Belov, V. Bhatnagar, H. Campbell, A. Conley, J. A. Frieman, A. Glazov, S. González-Gaitán, R. Hlozek, **S. Jha**, S. Kuhlmann, M. Kunz, H. Lampeitl, A. Mahabal, J. Newling, R. C. Nichol, D. Parkinson, N. Sajeeth Philip, D. Poznanski, J. W. Richards, S. A. Rodney, M. Sako, D. P. Schneider, M. Smith, M. Stritzinger, and M. Varughese, 2010, PASP, 122, 1415-1431

https://doi.org/10.1086/657607
http://adsabs.harvard.edu/abs/2010PASP..122.1415K

93 "Single or Double Degenerate Progenitors? Searching for Shock Emission in the SDSS-II Type Ia Supernovae," Hayden, B. T., P. M. Garnavich, D. Kasen, B. Dilday, J. A. Frieman, **S. W. Jha**, H. Lampeitl, R. C. Nichol, M. Sako, D. P. Schneider, M. Smith, J. Sollerman, and J. C. Wheeler, 2010, ApJ, 722, 1691-1698
https://doi.org/10.1088/0004-637X/722/2/1691
http://adsabs.harvard.edu/abs/2010ApJ...722.1691H

92 "The Effect of Host Galaxies on Type Ia Supernovae in the SDSS-II Supernova Survey," Lampeitl, H., M. Smith, R. C. Nichol, B. Bassett, D. Cinabro, B. Dilday, R. J. Foley, J. A. Frieman, P. M. Garnavich, A. Goobar, M. Im, **S. W. Jha**, J. Marriner, R. Miquel, J. Nordin, L. Östman, A. G. Riess, M. Sako, D. P. Schneider, J. Sollerman, and M. Stritzinger, 2010, ApJ, 722, 566-576
https://doi.org/10.1088/0004-637X/722/1/566
http://adsabs.harvard.edu/abs/2010ApJ...722..566L

91 "The Subluminous Supernova 2007qd: A Missing Link in a Family of Low-luminosity Type Ia Supernovae," McClelland, C. M., P. M. Garnavich, L. Galbany, R. Miquel, R. J. Foley, A. V. Filippenko, B. Bassett, J. C. Wheeler, A. Goobar, **S. W. Jha**, M. Sako, J. A. Frieman, J. Sollerman, J. Vinko, and D. P. Schneider, 2010, ApJ, 720, 704-716
https://doi.org/10.1088/0004-637X/720/1/704
http://adsabs.harvard.edu/abs/2010ApJ...720..704M

90 "Photometric Estimates of Redshifts and Distance Moduli for Type Ia Supernovae," Kessler, R., D. Cinabro, B. Bassett, B. Dilday, J. A. Frieman, P. M. Garnavich, **S. Jha**, J. Marriner, R. C. Nichol, M. Sako, M. Smith, J. P. Bernstein, D. Bizyaev, A. Goobar, S. Kuhlmann, D. P. Schneider, and M. Stritzinger, 2010, ApJ, 717, 40-57
https://doi.org/10.1088/0004-637X/717/1/40
http://adsabs.harvard.edu/abs/2010ApJ...717...40K

89 "A Measurement of the Rate of Type Ia Supernovae in Galaxy Clusters from the SDSS-II Supernova Survey," Dilday, B., B. Bassett, A. Becker, R. Bender, F. Castander, D. Cinabro, J. A. Frieman, L. Galbany, P. Garnavich, A. Goobar, U. Hopp, Y. Ihara, **S. W. Jha**, R. Kessler, H. Lampeitl, J. Marriner, R. Miquel, M. Mollá, R. C. Nichol, J. Nordin, A. G. Riess, M. Sako, D. P. Schneider, M. Smith, J. Sollerman, J. C. Wheeler, L. Östman, D. Bizyaev, H. Brewington, E. Malanushenko, V. Malanushenko, D. Oravetz, K. Pan, A. Simmons, and S. Snedden, 2010, ApJ, 715, 1021-1035
https://doi.org/10.1088/0004-637X/715/2/1021
http://adsabs.harvard.edu/abs/2010ApJ...715.1021D

88 "Measurements of the Rate of Type Ia Supernovae at Redshift < 0.3 from the Sloan Digital Sky Survey II Supernova Survey," Dilday, B., M. Smith, B. Bassett, A. Becker, R. Bender,

F. Castander, D. Cinabro, A. V. Filippenko, J. A. Frieman, L. Galbany, P. M. Garnavich, A. Goobar, U. Hopp, Y. Ihara, **S. W. Jha**, R. Kessler, H. Lampeitl, J. Marriner, R. Miquel, M. Mollá, R. C. Nichol, J. Nordin, A. G. Riess, M. Sako, D. P. Schneider, J. Sollerman, J. C. Wheeler, L. Östman, D. Bizyaev, H. Brewington, E. Malanushenko, V. Malanushenko, D. Oravetz, K. Pan, A. Simmons, and S. Snedden, 2010, ApJ, 713, 1026-1036
https://doi.org/10.1088/0004-637X/713/2/1026
http://adsabs.harvard.edu/abs/2010ApJ...713.1026D

87 "The Rise and Fall of Type Ia Supernova Light Curves in the SDSS-II Supernova Survey," Hayden, B. T., P. M. Garnavich, R. Kessler, J. A. Frieman, **S. W. Jha**, B. Bassett, D. Cinabro, B. Dilday, D. Kasen, J. Marriner, R. C. Nichol, A. G. Riess, M. Sako, D. P. Schneider, M. Smith, and J. Sollerman, 2010, ApJ, 712, 350-366
https://doi.org/10.1088/0004-637X/712/1/350
http://adsabs.harvard.edu/abs/2010ApJ...712..350H

86 "First-year Sloan Digital Sky Survey-II supernova results: consistency and constraints with other intermediate-redshift data sets," Lampeitl, H., R. C. Nichol, H.-J. Seo, T. Giannantonio, C. Shapiro, B. Bassett, W. J. Percival, T. M. Davis, B. Dilday, J. Frieman, P. Garnavich, M. Sako, M. Smith, J. Sollerman, A. C. Becker, D. Cinabro, A. V. Filippenko, R. J. Foley, C. J. Hogan, J. A. Holtzman, **S. W. Jha**, K. Konishi, J. Marriner, M. W. Richmond, A. G. Riess, D. P. Schneider, M. Stritzinger, K. J. van der Heyden, J. T. Vanderplas, J. C. Wheeler, and C. Zheng, 2010, MNRAS, 401, 2331-2342
https://doi.org/10.1111/j.1365-2966.2009.15851.x
http://adsabs.harvard.edu/abs/2010MNRAS.401.2331L

85 "Type II-P Supernovae from the SDSS-II Supernova Survey and the Standardized Candle Method," D'Andrea, C. B., M. Sako, B. Dilday, J. A. Frieman, J. Holtzman, R. Kessler, K. Konishi, D. P. Schneider, J. Sollerman, J. C. Wheeler, N. Yasuda, D. Cinabro, **S. Jha**, R. C. Nichol, H. Lampeitl, M. Smith, D. W. Atlee, B. Bassett, F. J. Castander, A. Goobar, R. Miquel, J. Nordin, L. Östman, J. L. Prieto, R. Quimby, A. G. Riess, and M. Stritzinger, 2010, ApJ, 708, 661-674
https://doi.org/10.1088/0004-637X/708/1/661
http://adsabs.harvard.edu/abs/2010ApJ...708..661D

84 "First-Year Sloan Digital Sky Survey-II Supernova Results: Hubble Diagram and Cosmological Parameters," Kessler, R., A. C. Becker, D. Cinabro, J. Vanderplas, J. A. Frieman, J. Marriner, T. M. Davis, B. Dilday, J. Holtzman, **S. W. Jha**, H. Lampeitl, M. Sako, M. Smith, C. Zheng, R. C. Nichol, B. Bassett, R. Bender, D. L. Depoy, M. Doi, E. Elson, A. V. Filippenko, R. J. Foley, P. M. Garnavich, U. Hopp, Y. Ihara, W. Ketzeback, W. Kollatschny, K. Konishi, J. L. Marshall, R. J. McMillan, G. Miknaitis, T. Morokuma, E. Mörtsell, K. Pan, J. L. Prieto, M. W. Richmond, A. G. Riess, R. Romani, D. P. Schneider, J. Sollerman, N. Takanashi, K. Tokita, K. van der Heyden, J. C. Wheeler, N. Yasuda, and D. York, 2009, ApJS, 185, 32-84
https://doi.org/10.1088/0067-0049/185/1/32
http://adsabs.harvard.edu/abs/2009ApJS..185...32K

83 “SNANA: A Public Software Package for Supernova Analysis,” Kessler, R., J. P. Bernstein, D. Cinabro, B. Dilday, J. A. Frieman, **S. Jha**, S. Kuhlmann, G. Miknaitis, M. Sako, M. Taylor, and J. Vanderplas, 2009, PASP, 121, 1028-1035
https://doi.org/10.1086/605984
http://adsabs.harvard.edu/abs/2009PASP..121.1028K

82 “Improved Dark Energy Constraints from ∼100 New CfA Supernova Type Ia Light Curves,” Hicken, M., W. M. Wood-Vasey, S. Blondin, P. Challis, **S. Jha**, P. L. Kelly, A. Rest, and R. P. Kirshner, 2009, ApJ, 700, 1097-1140
https://doi.org/10.1088/0004-637X/700/2/1097
http://adsabs.harvard.edu/abs/2009ApJ...700.1097H

81 “Cepheid Calibrations of Modern Type Ia Supernovae: Implications for the Hubble Constant,” Riess, A. G., L. Macri, W. Li, H. Lampeitl, S. Casertano, H. C. Ferguson, A. V. Filippenko, **S. W. Jha**, R. Chornock, L. Greenhill, M. Mutchler, M. Ganeshalingham, and M. Hicken, 2009, ApJS, 183, 109-141
https://doi.org/10.1088/0067-0049/183/1/109
http://adsabs.harvard.edu/abs/2009ApJS..183..109R

80 “CfA3: 185 Type Ia Supernova Light Curves from the CfA,” Hicken, M., P. Challis, **S. Jha**, R. P. Kirshner, T. Matheson, M. Modjaz, A. Rest, W. M. Wood-Vasey, G. Bakos, E. J. Barton, P. Berlind, A. Bragg, C. Briceño, W. R. Brown, N. Caldwell, M. Calkins, R. Cho, L. Ciupik, M. Contreras, K.-C. Dendy, A. Dosaj, N. Durham, K. Eriksen, G. Esquerdo, M. Everett, E. Falco, J. Fernandez, A. Gaba, P. Garnavich, G. Graves, P. Green, T. Groner, C. Hergenrother, M. J. Holman, V. Hradecky, J. Huchra, B. Hutchison, D. Jerius, A. Jordan, R. Kilgard, M. Krauss, K. Luhman, L. Macri, D. Marrone, J. McDowell, D. McIntosh, B. McNamara, T. Megeath, B. Mochejska, D. Munoz, J. Muzerolle, O. Naranjo, G. Narayan, M. Pahre, W. Peters, D. Peterson, K. Rines, B. Ripman, A. Roussanova, R. Schild, A. Sicilia-Aguilar, J. Sokoloski, K. Smalley, A. Smith, T. Spahr, K. Z. Stanek, P. Barmby, S. Blondin, C. W. Stubbs, A. Szentgyorgyi, M. A. P. Torres, A. Vaz, A. Vikhlinin, Z. Wang, M. Westover, D. Woods, and P. Zhao, 2009, ApJ, 700, 331-357
https://doi.org/10.1088/0004-637X/700/1/331
http://adsabs.harvard.edu/abs/2009ApJ...700..331H

79 “A Redetermination of the Hubble Constant with the Hubble Space Telescope from a Differential Distance Ladder,” Riess, A. G., L. Macri, S. Casertano, M. Sosey, H. Lampeitl, H. C. Ferguson, A. V. Filippenko, **S. W. Jha**, W. Li, R. Chornock, and D. Sarkar, 2009, ApJ, 699, 539-563
https://doi.org/10.1088/0004-637X/699/1/539
http://adsabs.harvard.edu/abs/2009ApJ...699..539R

78 “Spectroscopy of High-Redshift Supernovae from the Essence Project: The First Four Years,” Foley, R. J., T. Matheson, S. Blondin, R. Chornock, J. M. Silverman, P. Challis, A. Clocchiatti, A. V. Filippenko, R. P. Kirshner, B. Leibundgut, J. Sollerman, J. Spyromilio, J. L. Tonry,

T. M. Davis, P. M. Garnavich, **S. W. Jha**, K. Krisciunas, W. Li, G. Pignata, A. Rest, A. G. Riess, B. P. Schmidt, R. C. Smith, C. W. Stubbs, B. E. Tucker, and W. M. Wood-Vasey, 2009, AJ, 137, 3731-3742
https://doi.org/10.1088/0004-6256/137/4/3731
http://adsabs.harvard.edu/abs/2009AJ....137.3731F

77 "The Sloan Digital Sky Survey-II: Photometry and Supernova Ia Light Curves from the 2005 Data," Holtzman, J. A., J. Marriner, R. Kessler, M. Sako, B. Dilday, J. A. Frieman, D. P. Schneider, B. Bassett, A. Becker, D. Cinabro, F. DeJongh, D. L. Depoy, M. Doi, P. M. Garnavich, C. J. Hogan, **S. Jha**, K. Konishi, H. Lampeitl, J. L. Marshall, D. McGinnis, G. Miknaitis, R. C. Nichol, J. L. Prieto, A. G. Riess, M. W. Richmond, R. Romani, M. Smith, N. Takanashi, K. Tokita, K. van der Heyden, N. Yasuda, and C. Zheng, 2008, AJ, 136, 2306-2320
https://doi.org/10.1088/0004-6256/136/6/2306
http://adsabs.harvard.edu/abs/2008AJ....136.2306H

76 "Luminosity Indicators in the Ultraviolet Spectra of Type Ia Supernovae," Foley, R. J., A. V. Filippenko, and **S. W. Jha**, 2008, ApJ, 686, 117-126
https://doi.org/10.1086/590467
http://adsabs.harvard.edu/abs/2008ApJ...686..117F

75 "Supernovae in Early-Type Galaxies: Directly Connecting Age and Metallicity with Type Ia Luminosity," Gallagher, J. S., P. M. Garnavich, N. Caldwell, R. P. Kirshner, **S. W. Jha**, W. Li, M. Ganeshalingam, and A. V. Filippenko, 2008, ApJ, 685, 752-766
https://doi.org/10.1086/590659
http://adsabs.harvard.edu/abs/2008ApJ...685..752G

74 "Constraining Cosmic Evolution of Type Ia Supernovae," Foley, R. J., A. V. Filippenko, C. Aguilera, A. C. Becker, S. Blondin, P. Challis, A. Clocchiatti, R. Covarrubias, T. M. Davis, P. M. Garnavich, **S. W. Jha**, R. P. Kirshner, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, A. Miceli, G. Miknaitis, G. Pignata, A. Rest, A. G. Riess, B. P. Schmidt, R. C. Smith, J. Sollerman, J. Spyromilio, C. W. Stubbs, N. B. Suntzeff, J. L. Tonry, W. M. Wood-Vasey, and A. Zenteno, 2008, ApJ, 684, 68-87
https://doi.org/10.1086/589612
http://adsabs.harvard.edu/abs/2008ApJ...684...68F

73 "Time Dilation in Type Ia Supernova Spectra at High Redshift," Blondin, S., T. M. Davis, K. Krisciunas, B. P. Schmidt, J. Sollerman, W. M. Wood-Vasey, A. C. Becker, P. Challis, A. Clocchiatti, G. Damke, A. V. Filippenko, R. J. Foley, P. M. Garnavich, **S. W. Jha**, R. P. Kirshner, B. Leibundgut, W. Li, T. Matheson, G. Miknaitis, G. Narayan, G. Pignata, A. Rest, A. G. Riess, J. M. Silverman, R. C. Smith, J. Spyromilio, M. Stritzinger, C. W. Stubbs, N. B. Suntzeff, J. L. Tonry, B. E. Tucker, and A. Zenteno, 2008, ApJ, 682, 724-736
https://doi.org/10.1086/589568
http://adsabs.harvard.edu/abs/2008ApJ...682..724B

72 “Exploring the Outer Solar System with the ESSENCE Supernova Survey,” Becker, A. C., K. Arraki, N. A. Kaib, W. M. Wood-Vasey, C. Aguilera, J. W. Blackman, S. Blondin, P. Challis, A. Clocchiatti, R. Covarrubias, G. Damke, T. M. Davis, A. V. Filippenko, R. J. Foley, A. Garg, P. M. Garnavich, M. Hicken, **S. Jha**, R. P. Kirshner, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, A. Miceli, G. Miknaitis, G. Narayan, G. Pignata, J. L. Prieto, A. Rest, A. G. Riess, M. E. Salvo, B. P. Schmidt, R. C. Smith, J. Sollerman, J. Spyromilio, C. W. Stubbs, N. B. Suntzeff, J. L. Tonry, and A. Zenteno, 2008, ApJ, 682, L53
https://doi.org/10.1086/590429
http://adsabs.harvard.edu/abs/2008ApJ...682L..53B

71 “A Measurement of the Rate of Type Ia Supernovae at Redshift z $\simeq$ 0.1 from the First Season of the SDSS-II Supernova Survey,” Dilday, B., R. Kessler, J. A. Frieman, J. Holtzman, J. Marriner, G. Miknaitis, R. C. Nichol, R. Romani, M. Sako, B. Bassett, A. Becker, D. Cinabro, F. DeJongh, D. L. Depoy, M. Doi, P. M. Garnavich, C. J. Hogan, **S. Jha**, K. Konishi, H. Lampeitl, J. L. Marshall, D. McGinnis, J. L. Prieto, A. G. Riess, M. W. Richmond, D. P. Schneider, M. Smith, N. Takanashi, K. Tokita, K. van der Heyden, N. Yasuda, C. Zheng, J. Barentine, H. Brewington, C. Choi, A. Crotts, J. Dembicky, M. Harvanek, M. Im, W. Ketzeback, S. J. Kleinman, J. Krzesiński, D. C. Long, E. Malanushenko, V. Malanushenko, R. J. McMillan, A. Nitta, K. Pan, G. Saurage, S. A. Snedden, S. Watters, J. C. Wheeler, and D. York, 2008, ApJ, 682, 262-282
https://doi.org/10.1086/587733
http://adsabs.harvard.edu/abs/2008ApJ...682..262D

70 “Two More Candidate AM Canum Venaticorum (AM CVn) Binaries from the Sloan Digital Sky Survey,” Anderson, S. F., A. C. Becker, D. Haggard, J. L. Prieto, G. R. Knapp, M. Sako, K. E. Halford, **S. Jha**, B. Martin, J. Holtzman, J. A. Frieman, P. M. Garnavich, S. Hayward, Zcaron;. Ivezić, A. S. Mukadam, B. Sesar, P. Szkody, V. Malanushenko, M. W. Richmond, D. P. Schneider, and D. G. York, 2008, AJ, 135, 2108-2113
https://doi.org/10.1088/0004-6256/135/6/2108
http://adsabs.harvard.edu/abs/2008AJ....135.2108A

69 “First-Year Spectroscopy for the Sloan Digital Sky Survey-II Supernova Survey,” Zheng, C., R. W. Romani, M. Sako, J. Marriner, B. Bassett, A. Becker, C. Choi, D. Cinabro, F. DeJongh, D. L. Depoy, B. Dilday, M. Doi, J. A. Frieman, P. M. Garnavich, C. J. Hogan, J. Holtzman, M. Im, **S. Jha**, R. Kessler, K. Konishi, H. Lampeitl, J. L. Marshall, D. McGinnis, G. Miknaitis, R. C. Nichol, J. L. Prieto, A. G. Riess, M. W. Richmond, D. P. Schneider, M. Smith, N. Takanashi, K. Tokita, K. van der Heyden, N. Yasuda, R. J. Assef, J. Barentine, R. Bender, R. D. Blandford, M. Bremer, H. Brewington, C. A. Collins, A. Crotts, J. Dembicky, J. Eastman, A. Edge, E. Elson, M. E. Eyler, A. V. Filippenko, R. J. Foley, S. Frank, A. Goobar, M. Harvanek, U. Hopp, Y. Ihara, S. Kahn, W. Ketzeback, S. J. Kleinman, W. Kollatschny, J. Krzesiński, G. Leloudas, D. C. Long, J. Lucey, E. Malanushenko, V. Malanushenko, R. J. McMillan, C. W. Morgan, T. Morokuma, A. Nitta, L. Ostman, K. Pan, A. K. Romer, G. Saurage, K. Schlesinger, S. A. Snedden, J. Sollerman, M. Stritzinger, L. C. Watson, S. Wat-

ters, J. C. Wheeler, and D. York, 2008, AJ, 135, 1766-1784
https://doi.org/10.1088/0004-6256/135/5/1766
http://adsabs.harvard.edu/abs/2008AJ....135.1766Z

68 "Optical Spectroscopy of Type Ia Supernovae," Matheson, T., R. P. Kirshner, P. Challis, **S. Jha**, P. M. Garnavich, P. Berlind, M. L. Calkins, S. Blondin, Z. Balog, A. E. Bragg, N. Caldwell, K. Dendy Concannon, E. E. Falco, G. J. M. Graves, J. P. Huchra, J. Kuraszkiewicz, J. A. Mader, A. Mahdavi, M. Phelps, K. Rines, I. Song, and B. J. Wilkes, 2008, AJ, 135, 1598-1615
https://doi.org/10.1088/0004-6256/135/4/1598
http://adsabs.harvard.edu/abs/2008AJ....135.1598M

67 "The Sloan Digital Sky Survey-II Supernova Survey: Search Algorithm and Follow-up Observations," Sako, M., B. Bassett, A. Becker, D. Cinabro, F. DeJongh, D. L. Depoy, B. Dilday, M. Doi, J. A. Frieman, P. M. Garnavich, C. J. Hogan, J. Holtzman, **S. Jha**, R. Kessler, K. Konishi, H. Lampeitl, J. Marriner, G. Miknaitis, R. C. Nichol, J. L. Prieto, A. G. Riess, M. W. Richmond, R. Romani, D. P. Schneider, M. Smith, M. SubbaRao, N. Takanashi, K. Tokita, K. van der Heyden, N. Yasuda, C. Zheng, J. Barentine, H. Brewington, C. Choi, J. Dembicky, M. Harnavek, Y. Ihara, M. Im, W. Ketzeback, S. J. Kleinman, J. Krzesiński, D. C. Long, E. Malanushenko, V. Malanushenko, R. J. McMillan, T. Morokuma, A. Nitta, K. Pan, G. Saurage, and S. A. Snedden, 2008, AJ, 135, 348-373
https://doi.org/10.1088/0004-6256/135/1/348
http://adsabs.harvard.edu/abs/2008AJ....135..348S

66 "The Sloan Digital Sky Survey-II Supernova Survey: Technical Summary," Frieman, J. A., B. Bassett, A. Becker, C. Choi, D. Cinabro, F. DeJongh, D. L. Depoy, B. Dilday, M. Doi, P. M. Garnavich, C. J. Hogan, J. Holtzman, M. Im, **S. Jha**, R. Kessler, K. Konishi, H. Lampeitl, J. Marriner, J. L. Marshall, D. McGinnis, G. Miknaitis, R. C. Nichol, J. L. Prieto, A. G. Riess, M. W. Richmond, R. Romani, M. Sako, D. P. Schneider, M. Smith, N. Takanashi, K. Tokita, K. van der Heyden, N. Yasuda, C. Zheng, J. Adelman-McCarthy, J. Annis, R. J. Assef, J. Barentine, R. Bender, R. D. Blandford, W. N. Boroski, M. Bremer, H. Brewington, C. A. Collins, A. Crotts, J. Dembicky, J. Eastman, A. Edge, E. Edmondson, E. Elson, M. E. Eyler, A. V. Filippenko, R. J. Foley, S. Frank, A. Goobar, T. Gueth, J. E. Gunn, M. Harvanek, U. Hopp, Y. Ihara, Zcaron;. Ivezić, S. Kahn, J. Kaplan, S. Kent, W. Ketzeback, S. J. Kleinman, W. Kollatschny, R. G. Kron, J. Krzesiński, D. Lamenti, G. Leloudas, H. Lin, D. C. Long, J. Lucey, R. H. Lupton, E. Malanushenko, V. Malanushenko, R. J. McMillan, J. Mendez, C. W. Morgan, T. Morokuma, A. Nitta, L. Ostman, K. Pan, C. M. Rockosi, A. K. Romer, P. Ruiz-Lapuente, G. Saurage, K. Schlesinger, S. A. Snedden, J. Sollerman, C. Stoughton, M. Stritzinger, M. Subba Rao, D. Tucker, P. Vaisanen, L. C. Watson, S. Watters, J. C. Wheeler, B. Yanny, and D. York, 2008, AJ, 135, 338-347
https://doi.org/10.1088/0004-6256/135/1/338
http://adsabs.harvard.edu/abs/2008AJ....135..338F

65 "Scrutinizing Exotic Cosmological Models Using ESSENCE Supernova Data Combined

with Other Cosmological Probes," Davis, T. M., E. Mörtsell, J. Sollerman, A. C. Becker, S. Blondin, P. Challis, A. Clocchiatti, A. V. Filippenko, R. J. Foley, P. M. Garnavich, **S. Jha**, K. Krisciunas, R. P. Kirshner, B. Leibundgut, W. Li, T. Matheson, G. Miknaitis, G. Pignata, A. Rest, A. G. Riess, B. P. Schmidt, R. C. Smith, J. Spyromilio, C. W. Stubbs, N. B. Suntzeff, J. L. Tonry, W. M. Wood-Vasey, and A. Zenteno, 2007, ApJ, 666, 716-725
https://doi.org/10.1086/519988
http://adsabs.harvard.edu/abs/2007ApJ...666..716D

64 "Observational Constraints on the Nature of Dark Energy: First Cosmological Results from the ESSENCE Supernova Survey," Wood-Vasey, W. M., G. Miknaitis, C. W. Stubbs, **S. Jha**, A. G. Riess, P. M. Garnavich, R. P. Kirshner, C. Aguilera, A. C. Becker, J. W. Blackman, S. Blondin, P. Challis, A. Clocchiatti, A. Conley, R. Covarrubias, T. M. Davis, A. V. Filippenko, R. J. Foley, A. Garg, M. Hicken, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, A. Miceli, G. Narayan, G. Pignata, J. L. Prieto, A. Rest, M. E. Salvo, B. P. Schmidt, R. C. Smith, J. Sollerman, J. Spyromilio, J. L. Tonry, N. B. Suntzeff, and A. Zenteno, 2007, ApJ, 666, 694-715
https://doi.org/10.1086/518642
http://adsabs.harvard.edu/abs/2007ApJ...666..694W

63 "The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry," Miknaitis, G., G. Pignata, A. Rest, W. M. Wood-Vasey, S. Blondin, P. Challis, R. C. Smith, C. W. Stubbs, N. B. Suntzeff, R. J. Foley, T. Matheson, J. L. Tonry, C. Aguilera, J. W. Blackman, A. C. Becker, A. Clocchiatti, R. Covarrubias, T. M. Davis, A. V. Filippenko, A. Garg, P. M. Garnavich, M. Hicken, **S. Jha**, K. Krisciunas, R. P. Kirshner, B. Leibundgut, W. Li, A. Miceli, G. Narayan, J. L. Prieto, A. G. Riess, M. E. Salvo, B. P. Schmidt, J. Sollerman, J. Spyromilio, and A. Zenteno, 2007, ApJ, 666, 674-693
https://doi.org/10.1086/519986
http://adsabs.harvard.edu/abs/2007ApJ...666..674M

62 "Is There Evidence for a Hubble Bubble? The Nature of Type Ia Supernova Colors and Dust in External Galaxies," Conley, A., R. G. Carlberg, J. Guy, D. A. Howell, **S. Jha**, A. G. Riess, and M. Sullivan, 2007, ApJ, 664, L13-L16
https://doi.org/10.1086/520625
http://adsabs.harvard.edu/abs/2007ApJ...664L..13C

61 "The Velocity Field of the Local Universe from Measurements of Type Ia Supernovae," Haugbølle, T., S. Hannestad, B. Thomsen, J. Fynbo, J. Sollerman, and **S. Jha**, 2007, ApJ, 661, 650-659
https://doi.org/10.1086/513600
http://adsabs.harvard.edu/abs/2007ApJ...661..650H

60 "The Peculiar SN 2005hk: Do Some Type Ia Supernovae Explode as Deflagrations?" Phillips, M. M., W. Li, J. A. Frieman, S. I. Blinnikov, D. DePoy, J. L. Prieto, P. Milne, C. Contreras, G. Folatelli, N. Morrell, M. Hamuy, N. B. Suntzeff, M. Roth, S. González, W. Krzeminski,

A. V. Filippenko, W. L. Freedman, R. Chornock, **S. Jha**, B. F. Madore, S. E. Persson, C. R. Burns, P. Wyatt, D. Murphy, R. J. Foley, M. Ganeshalingam, F. J. D. Serduke, K. Krisciunas, B. Bassett, A. Becker, B. Dilday, J. Eastman, P. M. Garnavich, J. Holtzman, R. Kessler, H. Lampeitl, J. Marriner, S. Frank, J. L. Marshall, G. Miknaitis, M. Sako, D. P. Schneider, K. van der Heyden, and N. Yasuda, 2007, PASP, 119, 360-387
https://doi.org/10.1086/518372
http://adsabs.harvard.edu/abs/2007PASP..119..360P

59 "Improved Distances to Type Ia Supernovae with Multicolor Light-Curve Shapes: MLCS2k2," **Jha, S.**, A. G. Riess, and R. P. Kirshner, 2007, ApJ, 659, 122-148
https://doi.org/10.1086/512054
http://adsabs.harvard.edu/abs/2007ApJ...659..122J

58 "New Hubble Space Telescope Discoveries of Type Ia Supernovae at z $\geq$ 1: Narrowing Constraints on the Early Behavior of Dark Energy," Riess, A. G., L.-G. Strolger, S. Casertano, H. C. Ferguson, B. Mobasher, B. Gold, P. J. Challis, A. V. Filippenko, **S. Jha**, W. Li, J. Tonry, R. Foley, R. P. Kirshner, M. Dickinson, E. MacDonald, D. Eisenstein, M. Livio, J. Younger, C. Xu, T. Dahlén, and D. Stern, 2007, ApJ, 659, 98-121
https://doi.org/10.1086/510378
http://adsabs.harvard.edu/abs/2007ApJ...659...98R

57 "Late-Time Spectroscopy of SN 2002cx: The Prototype of a New Subclass of Type Ia Supernovae," **Jha, S.**, D. Branch, R. Chornock, R. J. Foley, W. Li, B. J. Swift, D. Casebeer, and A. V. Filippenko, 2006, AJ, 132, 189-196
https://doi.org/10.1086/504599
http://adsabs.harvard.edu/abs/2006AJ....132..189J

56 "Spectropolarimetry of the Peculiar Type Ia Supernova 2005hk," Chornock, R., A. V. Filippenko, D. Branch, R. J. Foley, **S. Jha**, and W. Li, 2006, PASP, 118, 722-732
https://doi.org/10.1086/504117
http://adsabs.harvard.edu/abs/2006PASP..118..722C

55 "Hubble Space Telescope and Ground-based Observations of Type Ia Supernovae at Redshift 0.5: Cosmological Implications," Clocchiatti, A., B. P. Schmidt, A. V. Filippenko, P. Challis, A. L. Coil, R. Covarrubias, A. Diercks, P. Garnavich, L. Germany, R. Gilliland, C. Hogan, **S. Jha**, R. P. Kirshner, B. Leibundgut, D. Leonard, W. Li, T. Matheson, M. M. Phillips, J. L. Prieto, D. Reiss, A. G. Riess, R. Schommer, R. C. Smith, A. Soderberg, J. Spyromilio, C. Stubbs, N. B. Suntzeff, J. L. Tonry, and P. Woudt, 2006, ApJ, 642, 1-21
https://doi.org/10.1086/498491
http://adsabs.harvard.edu/abs/2006ApJ...642....1C

54 "Identification of the Red Supergiant Progenitor of Supernova 2005cs: Do the Progenitors of Type II-P Supernovae Have Low Mass?," Li, W., S. D. Van Dyk, A. V. Filippenko, J.-C. Cuillandre, **S. Jha**, J. S. Bloom, A. G. Riess, and M. Livio, 2006, ApJ, 641, 1060-1070

https://doi.org/10.1086/499916
http://adsabs.harvard.edu/abs/2006ApJ...641.1060L

53 "Using Line Profiles to Test the Fraternity of Type Ia Supernovae at High and Low Redshifts," Blondin, S., L. Dessart, B. Leibundgut, D. Branch, P. Höflich, J. L. Tonry, T. Matheson, R. J. Foley, R. Chornock, A. V. Filippenko, J. Sollerman, J. Spyromilio, R. P. Kirshner, W. M. Wood-Vasey, A. Clocchiatti, C. Aguilera, B. Barris, A. C. Becker, P. Challis, R. Covarrubias, T. M. Davis, P. Garnavich, M. Hicken, **S. Jha**, K. Krisciunas, W. Li, A. Miceli, G. Miknaitis, G. Pignata, J. L. Prieto, A. Rest, A. G. Riess, M. E. Salvo, B. P. Schmidt, R. C. Smith, C. W. Stubbs, and N. B. Suntzeff, 2006, AJ, 131, 1648-1666
https://doi.org/10.1086/498724
http://adsabs.harvard.edu/abs/2006AJ....131.1648B

52 "Closing in on a Short-Hard Burst Progenitor: Constraints from Early-Time Optical Imaging and Spectroscopy of a Possible Host Galaxy of GRB 050509b," Bloom, J. S., J. X. Prochaska, D. Pooley, C. H. Blake, R. J. Foley, **S. Jha**, E. Ramirez-Ruiz, J. Granot, A. V. Filippenko, S. Sigurdsson, A. J. Barth, H.-W. Chen, M. C. Cooper, E. E. Falco, R. R. Gal, B. F. Gerke, M. D. Gladders, J. E. Greene, J. Hennanwi, L. C. Ho, K. Hurley, B. P. Koester, W. Li, L. Lubin, J. Newman, D. A. Perley, G. K. Squires, and W. M. Wood-Vasey, 2006, ApJ, 638, 354-368
https://doi.org/10.1086/498107
http://adsabs.harvard.edu/abs/2006ApJ...638..354B

51 "The Calibration of the Swift UVOT Optical Observations: A Recipe for Photometry," Li, W., **S. Jha**, A. V. Filippenko, J. S. Bloom, D. Pooley, R. J. Foley, and D. A. Perley, 2006, PASP, 118, 37-61
https://doi.org/10.1086/498356
http://adsabs.harvard.edu/abs/2006PASP..118...37L

50 "UBVRI Light Curves of 44 Type Ia Supernovae," **Jha, S.**, R. P. Kirshner, P. Challis, P. M. Garnavich, T. Matheson, A. M. Soderberg, G. J. M. Graves, M. Hicken, J. F. Alves, H. G. Arce, Z. Balog, P. Barmby, E. J. Barton, P. Berlind, A. E. Bragg, C. Briceño, W. R. Brown, J. H. Buckley, N. Caldwell, M. L. Calkins, B. J. Carter, K. D. Concannon, R. H. Donnelly, K. A. Eriksen, D. G. Fabricant, E. E. Falco, F. Fiore, M. R. Garcia, M. Gómez, N. A. Grogin, T. Groner, P. J. Groot, K. E. Haisch Jr., L. Hartmann, C. W. Hergenrother, M. J. Holman, J. P. Huchra, R. Jayawardhana, D. Jerius, S. J. Kannappan, D.-W. Kim, J. T. Kleyna, C. S. Kochanek, D. M. Koranyi, M. Krockenberger, C. J. Lada, K. L. Luhman, J. X. Luu, L. M. Macri, J. A. Mader, A. Mahdavi, M. Marengo, B. G. Marsden, B. A. McLeod, B. R. McNamara, S. T. Megeath, D. Moraru, A. E. Mossman, A. A. Muench, J. A. Muñoz, J. Muzerolle, O. Naranjo, K. Nelson-Patel, M. A. Pahre, B. M. Patten, J. Peters, W. Peters, J. C. Raymond, K. Rines, R. E. Schild, G. J. Sobczak, T. B. Spahr, J. R. Stauffer, R. P. Stefanik, A. H. Szentgyorgyi, E. V. Tollestrup, P. Väisänen, A. Vikhlinin, Z. Wang, S. P. Willner, S. J. Wolk, J. M. Zajac, P. Zhao, and K. Z. Stanek, 2006, AJ, 131, 527-554
https://doi.org/10.1086/497989
http://adsabs.harvard.edu/abs/2006AJ....131..527J

49 “Hubble Space Telescope Observations of Nine High-Redshift ESSENCE Supernovae,” Krisciunas, K., P. M. Garnavich, P. Challis, J. L. Prieto, A. G. Riess, B. Barris, C. Aguilera, A. C. Becker, S. Blondin, R. Chornock, A. Clocchiatti, R. Covarrubias, A. V. Filippenko, R. J. Foley, M. Hicken, **S. Jha**, R. P. Kirshner, B. Leibundgut, W. Li, T. Matheson, A. Miceli, G. Miknaitis, A. Rest, M. E. Salvo, B. P. Schmidt, R. C. Smith, J. Sollerman, J. Spyromilio, C. W. Stubbs, N. B. Suntzeff, J. L. Tonry, and W. M. Wood-Vasey, 2005, AJ, 130, 2453-2472
https://doi.org/10.1086/497640
http://adsabs.harvard.edu/abs/2005AJ....130.2453K

48 “Chemistry and Star Formation in the Host Galaxies of Type Ia Supernovae,” Gallagher, J. S., P. M. Garnavich, P. Berlind, P. Challis, **S. Jha**, and R. P. Kirshner, 2005, ApJ, 634, 210-226
https://doi.org/10.1086/491664
http://adsabs.harvard.edu/abs/2005ApJ...634..210G

47 “Cepheid Calibrations from the Hubble Space Telescope of the Luminosity of Two Recent Type Ia Supernovae and a Redetermination of the Hubble Constant,” Riess, A. G., W. Li, P. B. Stetson, A. V. Filippenko, **S. Jha**, R. P. Kirshner, P. M. Challis, P. M. Garnavich, and R. Chornock, 2005, ApJ, 627, 579-607
https://doi.org/10.1086/430497
http://adsabs.harvard.edu/abs/2005ApJ...627..579R

46 “A Transiting Extrasolar Giant Planet around the Star OGLE-TR-10,” Konacki, M., G. Torres, D. D. Sasselov, and **S. Jha**, 2005, ApJ, 624, 372-377
https://doi.org/10.1086/429127
http://adsabs.harvard.edu/abs/2005ApJ...624..372K

45 “Spectroscopy of High-Redshift Supernovae from the ESSENCE Project: The First 2 Years,” Matheson, T., S. Blondin, R. J. Foley, R. Chornock, A. V. Filippenko, B. Leibundgut, R. C. Smith, J. Sollerman, J. Spyromilio, R. P. Kirshner, A. Clocchiatti, C. Aguilera, B. Barris, A. C. Becker, P. Challis, R. Covarrubias, P. Garnavich, M. Hicken, **S. Jha**, K. Krisciunas, W. Li, A. Miceli, G. Miknaitis, J. L. Prieto, A. Rest, A. G. Riess, M. E. Salvo, B. P. Schmidt, C. W. Stubbs, N. B. Suntzeff, and J. L. Tonry, 2005, AJ, 129, 2352-2375
https://doi.org/10.1086/429679
http://adsabs.harvard.edu/abs/2005AJ....129.2352M

44 “Hubble Space Telescope and Ground-based Observations of SN 1993J and SN 1998S: CNO Processing in the Progenitors,” Fransson, C., P. M. Challis, R. A. Chevalier, A. V. Filippenko, R. P. Kirshner, C. Kozma, D. C. Leonard, T. Matheson, E. Baron, P. Garnavich, **S. Jha**, B. Leibundgut, P. Lundqvist, C. S. J. Pun, L. Wang, and J. C. Wheeler, 2005, ApJ, 622, 991-1007
https://doi.org/10.1086/426495
http://adsabs.harvard.edu/abs/2005ApJ...622..991F

43 “Testing Blend Scenarios for Extrasolar Transiting Planet Candidates. II. OGLE-TR-56,” Torres, G., M. Konacki, D. D. Sasselov, and **S. Jha**, 2005, ApJ, 619, 558-569

https://doi.org/10.1086/426496
http://adsabs.harvard.edu/abs/2005ApJ...619..558T

42 “Testing Blend Scenarios for Extrasolar Transiting Planet Candidates. I. OGLE-TR-33: A False Positive,” Torres, G., M. Konacki, D. D. Sasselov, and **S. Jha**, 2004, ApJ, 614, 979-989
https://doi.org/10.1086/423734
http://adsabs.harvard.edu/abs/2004ApJ...614..979T

41 “The Luminosity of SN 1999by in NGC 2841 and the Nature of “Peculiar” Type Ia Supernovae,” Garnavich, P. M., A. Z. Bonanos, K. Krisciunas, **S. Jha**, R. P. Kirshner, E. M. Schlegel, P. Challis, L. M. Macri, K. Hatano, D. Branch, G. D. Bothun, and W. L. Freedman, 2004, ApJ, 613, 1120-1132
https://doi.org/10.1086/422986
http://adsabs.harvard.edu/abs/2004ApJ...613.1120G

40 “The Transiting Extrasolar Giant Planet around the Star OGLE-TR-113,” Konacki, M., G. Torres, D. D. Sasselov, G. Pietrzyński, A. Udalski, **S. Jha**, M. T. Ruiz, W. Gieren, and D. Minniti, 2004, ApJ, 609, L37-L40
https://doi.org/10.1086/422600
http://adsabs.harvard.edu/abs/2004ApJ...609L..37K

39 “New Data and Improved Parameters for the Extrasolar Transiting Planet OGLE-TR-56b,” Torres, G., M. Konacki, D. D. Sasselov, and **S. Jha**, 2004, ApJ, 609, 1071-1075
https://doi.org/10.1086/421286
http://adsabs.harvard.edu/abs/2004ApJ...609.1071T

38 “Type Ia Supernova Discoveries at z > 1 from the Hubble Space Telescope: Evidence for Past Deceleration and Constraints on Dark Energy Evolution,” Riess, A. G., L.-G. Strolger, J. Tonry, S. Casertano, H. C. Ferguson, B. Mobasher, P. Challis, A. V. Filippenko, **S. Jha**, W. Li, R. Chornock, R. P. Kirshner, B. Leibundgut, M. Dickinson, M. Livio, M. Giavalisco, C. C. Steidel, T. Benítez, and Z. Tsvetanov, 2004, ApJ, 607, 665-687
https://doi.org/10.1086/383612
http://adsabs.harvard.edu/abs/2004ApJ...607..665R

37 “Twenty-Three High-Redshift Supernovae from the Institute for Astronomy Deep Survey: Doubling the Supernova Sample at z > 0.7,” Barris, B. J., J. L. Tonry, S. Blondin, P. Challis, R. Chornock, A. Clocchiatti, A. V. Filippenko, P. Garnavich, S. T. Holland, **S. Jha**, R. P. Kirshner, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, G. Miknaitis, A. G. Riess, B. P. Schmidt, R. C. Smith, J. Sollerman, J. Spyromilio, C. W. Stubbs, N. B. Suntzeff, H. Aussel, K. C. Chambers, M. S. Connelley, D. Donovan, J. P. Henry, N. Kaiser, M. C. Liu, E. L. Martín, and R. J. Wainscoat, 2004, ApJ, 602, 571-594
https://doi.org/10.1086/381122
http://adsabs.harvard.edu/abs/2004ApJ...602..571B

36 “Photometry and Spectroscopy of GRB 030329 and Its Associated Supernova 2003dh: The First Two Months,” Matheson, T., P. M. Garnavich, K. Z. Stanek, D. Bersier, S. T. Holland, K. Krisciunas, N. Caldwell, P. Berlind, J. S. Bloom, M. Bolte, A. Z. Bonanos, M. J. I. Brown, W. R. Brown, M. L. Calkins, P. Challis, R. Chornock, L. Echevarria, D. J. Eisenstein, M. E. Everett, A. V. Filippenko, K. Flint, R. J. Foley, D. L. Freedman, M. Hamuy, P. Harding, N. P. Hathi, M. Hicken, C. Hoopes, C. Impey, B. T. Jannuzi, R. A. Jansen, **S. Jha**, J. Kaluzny, S. Kannappan, R. P. Kirshner, D. W. Latham, J. C. Lee, D. C. Leonard, W. Li, K. L. Luhman, P. Martini, H. Mathis, J. Maza, S. T. Megeath, L. R. Miller, D. Minniti, E. W. Olszewski, M. Papenkova, M. M. Phillips, B. Pindor, D. D. Sasselov, R. Schild, H. Schweiker, T. Spahr, J. Thomas-Osip, I. Thompson, D. Weisz, R. Windhorst, and D. Zaritsky, 2003, ApJ, 599, 394-407
https://doi.org/10.1086/379228
http://adsabs.harvard.edu/abs/2003ApJ...599..394M

35 “Imaging and Demography of the Host Galaxies of High-Redshift Type Ia Supernovae,” Williams, B. F., C. J. Hogan, B. Barris, P. Candia, P. Challis, A. Clocchiatti, A. L. Coil, A. V. Filippenko, P. Garnavich, R. P. Kirshner, S. T. Holland, **S. Jha**, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, J. Maza, M. M. Phillips, A. G. Riess, B. P. Schmidt, R. A. Schommer, R. C. Smith, J. Sollerman, J. Spyromilio, C. Stubbs, N. B. Suntzeff, and J. L. Tonry, 2003, AJ, 126, 2608-2621
https://doi.org/10.1086/379675
http://adsabs.harvard.edu/abs/2003AJ....126.2608W

34 “High-Resolution Spectroscopic Follow-up of OGLE Planetary Transit Candidates in the Galactic Bulge: Two Possible Jupiter-Mass Planets and Two Blends,” Konacki, M., G. Torres, D. D. Sasselov, and **S. Jha**, 2003, ApJ, 597, 1076-1091
https://doi.org/10.1086/378561
http://adsabs.harvard.edu/abs/2003ApJ...597.1076K

33 “Cosmological Results from High-z Supernovae,” Tonry, J. L., B. P. Schmidt, B. Barris, P. Candia, P. Challis, A. Clocchiatti, A. L. Coil, A. V. Filippenko, P. Garnavich, C. Hogan, S. T. Holland, **S. Jha**, R. P. Kirshner, K. Krisciunas, B. Leibundgut, W. Li, T. Matheson, M. M. Phillips, A. G. Riess, R. Schommer, R. C. Smith, J. Sollerman, J. Spyromilio, C. W. Stubbs, and N. B. Suntzeff, 2003, ApJ, 594, 1-24
https://doi.org/10.1086/376865
http://adsabs.harvard.edu/abs/2003ApJ...594....1T

32 “Optical Spectra of the Type Ia Supernova 1998aq,” Branch, D., P. Garnavich, T. Matheson, E. Baron, R. C. Thomas, K. Hatano, P. Challis, **S. Jha**, and R. P. Kirshner, 2003, AJ, 126, 1489-1498
https://doi.org/10.1086/377016
http://adsabs.harvard.edu/abs/2003AJ....126.1489B

31 “The Katzman Automatic Imaging Telescope Gamma-Ray Burst Alert System, and Observations of GRB 020813,” Li, W., A. V. Filippenko, R. Chornock, and **S. Jha**, 2003, PASP, 115, 844-853
https://doi.org/10.1086/376432
http://adsabs.harvard.edu/abs/2003PASP..115..844L

30 “SN 2002cx: The Most Peculiar Known Type Ia Supernova,” Li, W., A. V. Filippenko, R. Chornock, E. Berger, P. Berlind, M. L. Calkins, P. Challis, C. Fassnacht, **S. Jha**, R. P. Kirshner, T. Matheson, W. L. W. Sargent, R. A. Simcoe, G. H. Smith, and G. Squires, 2003, PASP, 115, 453-473
https://doi.org/10.1086/374200
http://adsabs.harvard.edu/abs/2003PASP..115..453L

29 “The Early Light Curve of the Optical Afterglow of GRB 021211,” Li, W., A. V. Filippenko, R. Chornock, and **S. Jha**, 2003, ApJ, 586, L9-L12
https://doi.org/10.1086/374684
http://adsabs.harvard.edu/abs/2003ApJ...586L...9L

28 “The Unusual Optical Afterglow of the Gamma-Ray Burst GRB 021004: Color Changes and Short-Timescale Variability,” Bersier, D., K. Z. Stanek, J. N. Winn, T. Grav, M. J. Holman, T. Matheson, B. Mochejska, D. Steeghs, A. R. Walker, P. M. Garnavich, J. Quinn, **S. Jha**, K. H. Cook, W. W. Craig, P. J. Meintjes, and J. J. Calitz, 2003, ApJ, 584, L43-L46
https://doi.org/10.1086/373888
http://adsabs.harvard.edu/abs/2003ApJ...584L..43B

27 “The Strongly Polarized Afterglow of GRB 020405,” Bersier, D., B. McLeod, P. M. Garnavich, M. J. Holman, T. Grav, J. Quinn, J. Kaluzny, P. M. Challis, R. G. Bower, D. J. Wilman, J. S. Heyl, S. T. Holland, V. Hradecky, **S. Jha**, and K. Z. Stanek, 2003, ApJ, 583, L63-L66
https://doi.org/10.1086/368158
http://adsabs.harvard.edu/abs/2003ApJ...583L..63B

26 “An extrasolar planet that transits the disk of its parent star,” Konacki, M., G. Torres, **S. Jha**, and D. D. Sasselov, 2003, Nature, 421, 507-509
https://doi.org/10.1038/nature01379
http://adsabs.harvard.edu/abs/2003Natur.421..507K

25 “The Spectroscopic Variability of GRB 021004,” Matheson, T., P. M. Garnavich, C. Foltz, S. West, G. Williams, E. Falco, M. L. Calkins, F. J. Castander, E. Gawiser, **S. Jha**, D. Bersier, and K. Z. Stanek, 2003, ApJ, 582, L5-L9
https://doi.org/10.1086/367601
http://adsabs.harvard.edu/abs/2003ApJ...582L...5M

24 “Discovery of the Low-Redshift Optical Afterglow of GRB 011121 and Its Progenitor Supernova SN 2001ke,” Garnavich, P. M., K. Z. Stanek, L. Wyrzykowski, L. Infante, E. Bendek, D. Bersier, S. T. Holland, **S. Jha**, T. Matheson, R. P. Kirshner, K. Krisciunas, M. M. Phillips,

and R. G. Carlberg, 2003, ApJ, 582, 924-932
https://doi.org/10.1086/344785
http://adsabs.harvard.edu/abs/2003ApJ...582..924G

23 "A Study of the Type II-Plateau Supernova 1999gi and the Distance to its Host Galaxy, NGC 3184," Leonard, D. C., A. V. Filippenko, W. Li, T. Matheson, R. P. Kirshner, R. Chornock, S. D. Van Dyk, P. Berlind, M. L. Calkins, P. M. Challis, P. M. Garnavich, **S. Jha**, and A. Mahdavi, 2002, AJ, 124, 2490-2505
https://doi.org/10.1086/343771
http://adsabs.harvard.edu/abs/2002AJ....124.2490L

22 "Extraordinary Late-Time Infrared Emission of Type IIn Supernovae," Gerardy, C. L., R. A. Fesen, K. Nomoto, P. M. Garnavich, **S. Jha**, P. M. Challis, R. P. Kirshner, P. Höflich, and J. C. Wheeler, 2002, ApJ, 575, 1007-1017
https://doi.org/10.1086/341430
http://adsabs.harvard.edu/abs/2002ApJ...575.1007G

21 "The Optical Afterglow of the Gamma-Ray Burst GRB 011211," Holland, S. T., I. Soszyński, M. D. Gladders, L. F. Barrientos, P. Berlind, D. Bersier, P. M. Garnavich, **S. Jha**, and K. Z. Stanek, 2002, AJ, 124, 639-645
https://doi.org/10.1086/341388
http://adsabs.harvard.edu/abs/2002AJ....124..639H

20 "Rapid UBVRI Follow-up of the Highly Collimated Optical Afterglow of GRB 010222," Stanek, K. Z., P. M. Garnavich, **S. Jha**, R. E. Kilgard, J. C. McDowell, D. Bersier, P. M. Challis, E. Falco, and J. L. Quinn, 2001, ApJ, 563, 592-596
https://doi.org/10.1086/323941
http://adsabs.harvard.edu/abs/2001ApJ...563..592S

19 "The Discovery of Cepheids and a New Distance to NGC 2841 Using the Hubble Space Telescope," Macri, L. M., P. B. Stetson, G. D. Bothun, W. L. Freedman, P. M. Garnavich, **S. Jha**, B. F. Madore, and M. W. Richmond, 2001, ApJ, 559, 243-259
https://doi.org/10.1086/322395
http://adsabs.harvard.edu/abs/2001ApJ...559..243M

18 "The Redshift of the Optical Transient Associated with GRB 010222," **Jha, S.**, M. A. Pahre, P. M. Garnavich, M. L. Calkins, R. E. Kilgard, T. Matheson, J. C. McDowell, J. B. Roll, and K. Z. Stanek, 2001, ApJ, 554, L155-L158
https://doi.org/10.1086/321709
http://adsabs.harvard.edu/abs/2001ApJ...554L.155J

17 "Analysis of the Type IIn SN 1998S: Effects of Circumstellar Interaction on Observed Spectra," Lentz, E. J., E. Baron, P. Lundqvist, D. Branch, P. H. Hauschildt, C. Fransson, P. Garnavich, N. Bastian, A. V. Filippenko, R. P. Kirshner, P. M. Challis, **S. Jha**, B. Leibundgut, R. McCray, E. Michael, N. Panagia, M. M. Phillips, C. S. J. Pun, B. Schmidt, G. Sonneborn,

N. B. Suntzeff, L. Wang, and J. C. Wheeler, 2001, ApJ, 547, 406-411
https://doi.org/10.1086/318363
http://adsabs.harvard.edu/abs/2001ApJ...547..406L

16 “Preliminary Spectral Analysis of the Type II Supernova 1999em,” Baron, E., D. Branch, P. H. Hauschildt, A. V. Filippenko, R. P. Kirshner, P. M. Challis, **S. Jha**, R. Chevalier, C. Fransson, P. Lundqvist, P. Garnavich, B. Leibundgut, R. McCray, E. Michael, N. Panagia, M. M. Phillips, C. S. J. Pun, B. Schmidt, G. Sonneborn, N. B. Suntzeff, L. Wang, and J. C. Wheeler, 2000, ApJ, 545, 444-448
https://doi.org/10.1086/317795
http://adsabs.harvard.edu/abs/2000ApJ...545..444B

15 “Optical Spectra of Type Ia Supernovae at z=0.46 and z=1.2,” Coil, A. L., T. Matheson, A. V. Filippenko, D. C. Leonard, J. Tonry, A. G. Riess, P. Challis, A. Clocchiatti, P. M. Garnavich, C. J. Hogan, **S. Jha**, R. P. Kirshner, B. Leibundgut, M. M. Phillips, B. P. Schmidt, R. A. Schommer, R. C. Smith, A. M. Soderberg, J. Spyromilio, C. Stubbs, N. B. Suntzeff, and P. Woudt, 2000, ApJ, 544, L111-L114
https://doi.org/10.1086/317311
http://adsabs.harvard.edu/abs/2000ApJ...544L.111C

14 “RJK Band Observations of the Optical Afterglow of GRB 991216,” Garnavich, P. M., **S. Jha**, M. A. Pahre, K. Z. Stanek, R. P. Kirshner, M. R. Garcia, A. H. Szentgyorgyi, and J. L. Tonry, 2000, ApJ, 543, 61-65
https://doi.org/10.1086/317102
http://adsabs.harvard.edu/abs/2000ApJ...543...61G

13 “Studies of multiple stellar systems — III. Modulation of orbital elements in the triple-lined system HD 109648,” **Jha, S.**, G. Torres, R. P. Stefanik, D. W. Latham, and T. Mazeh, 2000, MNRAS, 317, 375-384
https://doi.org/10.1046/j.1365-8711.2000.03592.x
http://adsabs.harvard.edu/abs/2000MNRAS.317..375J

12 “Multicolor Observations of a Planetary Transit of HD 209458,” **Jha, S.**, D. Charbonneau, P. M. Garnavich, D. J. Sullivan, T. Sullivan, T. M. Brown, and J. L. Tonry, 2000, ApJ, 540, L45-L48
https://doi.org/10.1086/312869
http://adsabs.harvard.edu/abs/2000ApJ...540L..45J

11 “Tests of the Accelerating Universe with Near-Infrared Observations of a High-Redshift Type Ia Supernova,” Riess, A. G., A. V. Filippenko, M. C. Liu, P. Challis, A. Clocchiatti, A. Diercks, P. M. Garnavich, C. J. Hogan, **S. Jha**, R. P. Kirshner, B. Leibundgut, M. M. Phillips, D. Reiss, B. P. Schmidt, R. A. Schommer, R. C. Smith, J. Spyromilio, C. Stubbs, N. B. Suntzeff, J. Tonry, P. Woudt, R. J. Brunner, A. Dey, R. Gal, J. Graham, J. Larkin, S. C. Odewahn, and B. Oppenheimer, 2000, ApJ, 536, 62-67

https://doi.org/10.1086/308939
http://adsabs.harvard.edu/abs/2000ApJ...536...62R

10 "The Peculiar Type Ic Supernova 1997ef: Another Hypernova," Iwamoto, K., T. Nakamura, K. Nomoto, P. A. Mazzali, I. J. Danziger, P. Garnavich, R. Kirshner, **S. Jha**, D. Balam, and J. Thorstensen, 2000, ApJ, 534, 660-669
https://doi.org/10.1086/308761
http://adsabs.harvard.edu/abs/2000ApJ...534..660I

9 "The Type Ia Supernova 1998bu in M96 and the Hubble Constant," **Jha, S.**, P. M. Garnavich, R. P. Kirshner, P. Challis, A. M. Soderberg, L. M. Macri, J. P. Huchra, P. Barmby, E. J. Barton, P. Berlind, W. R. Brown, N. Caldwell, M. L. Calkins, S. J. Kannappan, D. M. Koranyi, M. A. Pahre, K. J. Rines, K. Z. Stanek, R. P. Stefanik, A. H. Szentgyorgyi, P. Väisänen, Z. Wang, J. M. Zajac, A. G. Riess, A. V. Filippenko, W. Li, M. Modjaz, R. R. Treffers, C. W. Hergenrother, E. K. Grebel, P. Seitzer, G. H. Jacoby, P. J. Benson, A. Rizvi, L. A. Marschall, J. D. Goldader, M. Beasley, W. D. Vacca, B. Leibundgut, J. Spyromilio, B. P. Schmidt, and P. R. Wood, 1999, ApJS, 125, 73-97
https://doi.org/10.1086/313275
http://adsabs.harvard.edu/abs/1999ApJS..125...73J

8 "An Upper Limit on the Reflected Light from the Planet Orbiting the Star τ Bootis," Charbonneau, D., R. W. Noyes, S. G. Korzennik, P. Nisenson, **S. Jha**, S. S. Vogt, and R. I. Kibrick, 1999, ApJ, 522, L145-L148
https://doi.org/10.1086/312234
http://adsabs.harvard.edu/abs/1999ApJ...522L.145C

7 "BVRI Light Curves for 22 Type Ia Supernovae," Riess, A. G., R. P. Kirshner, B. P. Schmidt, **S. Jha**, P. Challis, P. M. Garnavich, A. A. Esin, C. Carpenter, R. Grashius, R. E. Schild, P. L. Berlind, J. P. Huchra, C. F. Prosser, E. E. Falco, P. J. Benson, C. Briceño, W. R. Brown, N. Caldwell, I. P. dell'Antonio, A. V. Filippenko, A. A. Goodman, N. A. Grogin, T. Groner, J. P. Hughes, P. J. Green, R. A. Jansen, J. T. Kleyna, J. X. Luu, L. M. Macri, B. A. McLeod, K. K. McLeod, B. R. McNamara, B. McLean, A. A. E. Milone, J. J. Mohr, D. Moraru, C. Peng, J. Peters, A. H. Prestwich, K. Z. Stanek, A. Szentgyorgyi, and P. Zhao, 1999, AJ, 117, 707-724
https://doi.org/10.1086/300738
http://adsabs.harvard.edu/abs/1999AJ....117..707R

6 "Supernova Limits on the Cosmic Equation of State," Garnavich, P. M., **S. Jha**, P. Challis, A. Clocchiatti, A. Diercks, A. V. Filippenko, R. L. Gilliland, C. J. Hogan, R. P. Kirshner, B. Leibundgut, M. M. Phillips, D. Reiss, A. G. Riess, B. P. Schmidt, R. A. Schommer, R. C. Smith, J. Spyromilio, C. Stubbs, N. B. Suntzeff, J. Tonry, and S. M. Carroll, 1998, ApJ, 509, 74-79
https://doi.org/10.1086/306495
http://adsabs.harvard.edu/abs/1998ApJ...509...74G

5 “Spectral Line Distortions in the Presence of a Close-in Planet,” Charbonneau, D., **S. Jha**, and R. W. Noyes, 1998, ApJ, 507, L153-L156
https://doi.org/10.1086/311703
http://adsabs.harvard.edu/abs/1998ApJ...507L.153C

4 “Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant,” Riess, A. G., A. V. Filippenko, P. Challis, A. Clocchiatti, A. Diercks, P. M. Garnavich, R. L. Gilliland, C. J. Hogan, **S. Jha**, R. P. Kirshner, B. Leibundgut, M. M. Phillips, D. Reiss, B. P. Schmidt, R. A. Schommer, R. C. Smith, J. Spyromilio, C. Stubbs, N. B. Suntzeff, and J. Tonry, 1998, AJ, 116, 1009-1038
https://doi.org/10.1086/300499
http://adsabs.harvard.edu/abs/1998AJ....116.1009R

3 “The membership of Upgren One,” Stefanik, R. P., J. R. Caruso, G. Torres, **S. Jha**, and D. W. Latham, 1997, BaltA, 6, 137
http://adsabs.harvard.edu/abs/1997BaltA...6..137S

2 “The hierarchical triple system HD 109648,” **Jha, S.**, G. Torres, R. P. Stefanik, and D. W. Latham, 1997, BaltA, 6, 55
http://adsabs.harvard.edu/abs/1997BaltA...6...55J

1 “A Planet Orbiting the Star ρ Coronae Borealis,” Noyes, R. W., **S. Jha**, S. G. Korzennik, M. Krockenberger, P. Nisenson, T. M. Brown, E. J. Kennelly, and S. D. Horner, 1997, ApJ, 483, L111-L114 (erratum: ApJ 587, L195)
https://doi.org/10.1086/310754
http://adsabs.harvard.edu/abs/1997ApJ...483L.111N

Book Chapters

1 “Type Iax Supernovae,” **Jha, S. W.**, 2017, in *Handbook of Supernovae*, 375, Alsabti A., Murdin P. (eds), Springer, Cham
https://doi.org/10.1007/978-3-319-21846-5_42
http://adsabs.harvard.edu/abs/2017hsn..book..375J

Preprints, White Papers, Books, and Other Articles

30 “Spectral Dataset of Young Type Ib Supernovae and their Time-evolution,” Yesmin, N., C. Pellegrino, M. Modjaz, R. Baer-Way, D. A. Howell, I. Arcavi, J. Farah, D. Hiramatsu, G. Hosseinzadeh, C. McCully, M. Newsome, E. Padilla Gonzalez, G. Terreran, and **S. Jha**, 2024 (arXiv:2409.04522)
https://ui.adsabs.harvard.edu/abs/2024arXiv240904522Y

29 “JWST Validates HST Distance Measurements: Selection of Supernova Subsample Explains Differences in JWST Estimates of Local H0,” Riess, A. G., D. Scolnic, G. S. Anand, L. Breuval, S. Casertano, L. M. Macri, S. Li, W. Yuan, C. D. Huang, **S. Jha**, Y. S. Murakami, R. Beaton, D. Brout, T. Wu, G. E. Addison, C. Bennett, R. I. Anderson, A. V. Filippenko, and A. Carr, 2024 (arXiv:2408.11770)
https://ui.adsabs.harvard.edu/abs/2024arXiv240811770R

28 “Circumstellar Interaction in the Ultraviolet Spectra of SN 2023ixf 14-66 Days After Explosion,” Bostroem, K. A., D. J. Sand, L. Dessart, N. Smith, **S. W. Jha**, S. Valenti, J. E. Andrews, Y. Dong, A. V. Filippenko, S. Gomez, D. Hiramatsu, E. T. Hoang, G. Hosseinzadeh, D. A. Howell, J. E. Jencson, M. Lundquist, C. McCully, D. Mehta, N. E. Meza Retamal, J. Pearson, A. P. Ravi, M. Shrestha, and S. Wyatt, 2024 (arXiv:2408.03993)
https://ui.adsabs.harvard.edu/abs/2024arXiv240803993B

27 “Spectroscopic analysis of the strongly lensed SN Encore: Constraints on cosmic evolution of Type Ia supernovae,” Dhawan, S., J. D. R. Pierel, M. Gu, A. B. Newman, C. Larison, M. Siebert, T. Petrushevska, F. Poidevin, **S. W. Jha**, W. Chen, R. S. Ellis, B. Frye, J. Hjorth, A. M. Koekemoer, I. Pérez-Fournon, A. Rest, T. Treu, R. A. Windhorst, and Y. Zenati, 2024 (arXiv:2407.16492)
https://ui.adsabs.harvard.edu/abs/2024arXiv240716492D

26 “HST/JWST Long-Term Monitoring Working Group Final Report,” **Jha, S. W.**, D. I. Casetti-Dinescu, G. M. Bernstein, M. J. Hayes, L. M. Oskinova, A. B. Pace, R. M. Quimby, M. Reiter, A. Rest, A. G. Riess, D. J. Sand, and D. R. Weisz, 2024 (arXiv:2405.12297)
https://ui.adsabs.harvard.edu/abs/2024arXiv240512297J

25 “A Cohesive Deep Drilling Field Strategy for LSST Cosmology,” Gris, P., H. Awan, M. R. Becker, H. Lin, E. Gawiser, and **S. W. Jha**, 2024 (arXiv:2405.10781)
https://ui.adsabs.harvard.edu/abs/2024arXiv240510781G

24 “SN2023fyq: A Type Ibn Supernova With Long-standing Precursor Activity Due to Binary Interaction,” Dong, Y., D. Tsuna, S. Valenti, D. J. Sand, J. E. Andrews, K. A. Bostroem, G. Hosseinzadeh, E. Hoang, **S. W. Jha**, D. Janzen, J. E. Jencson, M. Lundquist, D. Mehta, A. P. Ravi, N. E. Meza Retamal, J. Pearson, M. Shrestha, A. Bonanos, D. A. Howell, N. Smith, J. Farah, D. Hiramatsu, K. Itagaki, C. McCully, M. Newsome, E. Padilla Gonzalez, E. N. Paraskeva, C. Pellegrino, G. Terreran, J. Haislip, V. Kouprianov, and D. E. Reichart, 2024 (arXiv:2405.04583)
https://ui.adsabs.harvard.edu/abs/2024arXiv240504583D

23 “JWST NIRSpec+MIRI Observations of the nearby Type IIP supernova 2022acko,” Shahbandeh, M., C. Ashall, P. Hoeflich, E. Baron, O. Fox, T. Mera, J. DerKacy, M. D. Stritzinger, B. Shappee, D. Law, J. Morrison, T. Pauly, J. Pierel, K. Medler, J. Andrews, D. Baade, A. Bostroem, P. Brown, C. Burns, A. Burrow, A. Cikota, D. Cross, S. Davis, T. de Jaeger, A. Do, Y. Dong, E. Hsiao, I. Dominguez, L. Galbany, D. Janzen, J. Jencson, E. Hoang, E.

Karamehmetoglu, B. Khaghani, K. Krisciunas, S. Kumar, J. Lu, P. Mazzali, N. Morrell, F. Patat, J. Pearson, C. Pfeffer, L. Wang, Y. Yang, Y. Z. Cai, Y. Camacho-Neves, N. Elias-Rosa, M. Lundquist, J. Maund, M. Phillips, A. Rest, N. Retamal, S. Stangl, M. Shrestha, C. Stevens, N. Suntzeff, C. Telesco, M. Tucker, R. Foley, **S. Jha**, L. Kwok, C. Larison, N. LeBaron, S. Moran, J. Rho, I. Salmaso, J. Schmidt, and S. Tinyanont, 2024 (arXiv:2401.14474)
https://ui.adsabs.harvard.edu/abs/2024arXiv240114474S

22 "SN 2022crv: IIb, Or Not IIb: That is the Question," Dong, Y., S. Valenti, C. Ashall, M. Williamson, D. J. Sand, S. D. Van Dyk, **S. W. Jha**, M. Lundquist, M. Modjaz, J. E. Andrews, J. E. Jencson, G. Hosseinzadeh, J. Pearson, L. A. Kwok, T. Boland, E. Y. Hsiao, N. Smith, N. Elias-Rosa, S. Srivastav, S. Smartt, M. Fulton, W. Zheng, T. G. Brink, A. V. Filippenko, M. Shahbandeh, K. A. Bostroem, E. Hoang, D. Janzen, D. Mehta, N. Meza, M. Shrestha, S. Wyatt, K. Auchettl, C. R. Burns, J. Farah, L. Galbany, E. Padilla Gonzalez, J. Haislip, J. T. Hinkle, D. A. Howell, T. De Jaeger, V. Kouprianov, S. Kumar, J. Lu, C. McCully, S. Moran, N. Morrell, M. Newsome, C. Pellegrino, A. Polin, D. E. Reichart, B. J. Shappee, M. D. Stritzinger, G. Terreran, and M. A. Tucker, 2023 (arXiv:2309.09433)
https://ui.adsabs.harvard.edu/abs/2023arXiv230909433D

21 "Flashlights: More than A Dozen High-Significance Microlensing Events of Extremely Magnified Stars in Galaxies at Redshifts z=0.7-1.5," Kelly, P. L., W. Chen, A. Alfred, T. J. Broadhurst, J. M. Diego, N. Emami, A. V. Filippenko, A. Keen, S. Kei Li, J. Lim, A. K. Meena, M. Oguri, C. Scarlata, T. Treu, H. Williams, L. L. R. Williams, R. Zhou, A. Zitrin, R. J. Foley, **S. W. Jha**, N. Kaiser, V. Mehta, S. Rieck, L. Salo, N. Smith, and D. R. Weisz, 2022 (arXiv:2211.02670)
https://ui.adsabs.harvard.edu/abs/2022arXiv221102670K

20 "Snowmass2021 Cosmic Frontier White Paper: Enabling Flagship Dark Energy Experiments to Reach their Full Potential," Blazek, J. A., D. Clowe, T. E. Collett, I. P. Dell'Antonio, M. Dickinson, L. Galbany, E. Gawiser, K. Heitmann, R. Hložek, M. Ishak, **S. W. Jha**, A. G. Kim, C. D. Leonard, A. von der Linden, M. Lochner, R. Mandelbaum, P. Melchior, J. Meyers, J. A. Newman, P. Nugent, S. Perlmutter, D. J. Perrefort, J. Sánchez, S. J. Schmidt, S. Singh, M. Sullivan, A. Verma, and R. Zhou, 2022 (arXiv:2204.01992)
https://ui.adsabs.harvard.edu/abs/2022arXiv220401992B

19 "Snowmass2021 Cosmic Frontier White Paper: Rubin Observatory after LSST," Blum, B., S. W. Digel, A. Drlica-Wagner, S. Habib, K. Heitmann, M. Ishak, **S. W. Jha**, S. M. Kahn, R. Mandelbaum, P. Marshall, J. A. Newman, A. Roodman, and C. W. Stubbs, 2022 (arXiv:2203.07220)
https://ui.adsabs.harvard.edu/abs/2022arXiv220307220B

18 "A Reference Survey for Supernova Cosmology with the Nancy Grace Roman Space Telescope," Rose, B. M., C. Baltay, R. Hounsell, P. Macias, D. Rubin, D. Scolnic, G. Aldering, R. Bohlin, M. Dai, S. E. Deustua, R. J. Foley, A. Fruchter, L. Galbany, **S. W. Jha**, D. O. Jones, B. A. Joshi, P. L. Kelly, R. Kessler, R. P. Kirshner, K. S. Mandel, S. Perlmutter, J. Pierel, H. Qu, D. Rabinowitz, A. Rest, A. G. Riess, S. Rodney, M. Sako, M. R. Siebert, L. Strolger,

N. Suzuki, S. Thorp, S. D. Van Dyk, K. Wang, S. M. Ward, and W. M. Wood-Vasey, 2021 (arXiv:2111.03081)
https://ui.adsabs.harvard.edu/abs/2021arXiv211103081R

17 "SN 2021csp – the explosion of a stripped envelope star within a H and He-poor circumstellar medium," Fraser, M., M. D. Stritzinger, S. J. Brennan, A. Pastorello, Y. Cai, A. L. Piro, C. Ashall, P. Brown, C. R. Burns, N. Elias-Rosa, R. Kotak, A. V. Filippenko, L. Galbany, E. Y. Hsiao, **S. W. Jha**, A. Reguitti, J.-. jia . Zhang, S. Moran, N. Morrell, B. J. Shappee, L. Tomasella, J. P. Anderson, T. Barna, P. Ochner, M. M. Phillips, M. Tucker, X. Wang, E. Baron, S. Benetti, M. C. Bersten, T. G. Brink, Y. Camacho-Neves, S. Davis, K. G. Dettman, G. Folatelli, C. P. Gutierrez, P. Hoflich, T. W.-S. Holoien, E. Kankare, S. Kumar, J. Lu, P. Mazzali, S. Taubenberger, S. Tinyanont, H. Kuncarayakti, L. Kwok, M. Shahbandeh, N. B. Suntzeff, S. Yan, Y. Yang, and W. Zheng, 2021 (arXiv:2108.07278)
https://ui.adsabs.harvard.edu/abs/2021arXiv210807278F

16 "Synergies between Vera C. Rubin Observatory, Nancy Grace Roman Space Telescope, and Euclid Mission: Constraining Dark Energy with Type Ia Supernovae," Rose, B. M., G. Aldering, M. Dai, S. Deustua, R. J. Foley, E. Gangler, P. Gris, I. M. Hook, R. Kessler, G. Narayan, P. Nugent, S. Perlmutter, K. A. Ponder, B. Racine, D. Rubin, B. O. Sánchez, D. M. Scolnic, W. M. Wood-Vasey, D. Brout, A. Cikota, D. Fouchez, P. M. Garnavich, R. Hounsell, M. Sako, C. Tao, **S. W. Jha**, D. O. Jones, L. Strolger, and H. Qu, 2021 (arXiv:2104.01199)
https://ui.adsabs.harvard.edu/abs/2021arXiv210401199R

15 "DESC DC2 Data Release Note," LSST Dark Energy Science Collaboration, B. Abolfathi, R. Armstrong, H. Awan, Y. N. Babuji, F. E. Bauer, G. Beckett, R. Biswas, J. R. Bogart, D. Boutigny, K. Chard, J. Chiang, J. Cohen-Tanugi, A. J. Connolly, S. F. Daniel, S. W. Digel, A. Drlica-Wagner, R. Dubois, E. Gawiser, T. Glanzman, S. Habib, A. P. Hearin, K. Heitmann, F. Hernandez, R. Hložek, J. Hollowed, M. Jarvis, **S. W. Jha**, J. Bryce Kalmbach, H. M. Kelly, E. Kovacs, D. Korytov, K. S. Krughoff, C. S. Lage, F. Lanusse, P. Larsen, N. Li, E. P. Longley, R. H. Lupton, R. Mandelbaum, Y.-Y. Mao, P. Marshall, J. E. Meyers, J. W. Park, J. Peloton, D. Perrefort, J. Perry, S. Plaszczynski, A. Pope, E. S. Rykoff, F. J. Sánchez, S. J. Schmidt, T. D. Uram, A. Villarreal, C. W. Walter, M. P. Wiesner, and W. M. Wood-Vasey, 2021 (arXiv:2101.04855)
https://ui.adsabs.harvard.edu/abs/2021arXiv210104855L

14 "Recommended Target Fields for Commissioning the Vera C. Rubin Observatory," Amon, A., K. Bechtol, A. J. Connolly, S. W. Digel, A. Drlica-Wagner, E. Gawiser, M. Jarvis, **S. W. Jha**, A. von der Linden, M. Moniez, G. Narayan, N. Regnault, I. Sevilla-Noarbe, S. J. Schmidt, S. H. Suyu, and C. W. Walter, 2020 (arXiv:2010.15318)
https://ui.adsabs.harvard.edu/abs/2020arXiv201015318A

13 "Flaring, Dust Formation, And Shocks In The Very Slow Nova ASASSN-17pf (LMCN 2017-11a)," Aydi, E., L. Chomiuk, J. Strader, S. J. Swihart, A. Bahramian, E. J. Harvey, C. T. Britt, D. A. H. Buckley, P. Chen, K. Dage, M. J. Darnley, S. Dong, F.-J. Hambsch, T. W.-S. Holoien,

S. W. Jha, C. S. Kochanek, N. P. M. Kuin, K. L. Li, L. A. G. Monard, K. Mukai, K. L. Page, J. L. Prieto, N. D. Richardson, B. J. Shappee, L. Shishkovsky, K. V. Sokolovsky, K. Z. Stanek, and T. Thompson, 2019 (arXiv:1903.09232)
https://ui.adsabs.harvard.edu/abs/2019arXiv190309232A

12 "The Wide Field Infrared Survey Telescope: 100 Hubbles for the 2020s," Akeson, R., L. Armus, E. Bachelet, V. Bailey, L. Bartusek, A. Bellini, D. Benford, D. Bennett, A. Bhattacharya, R. Bohlin, M. Boyer, V. Bozza, G. Bryden, S. Calchi Novati, K. Carpenter, S. Casertano, A. Choi, D. Content, P. Dayal, A. Dressler, O. Doré, S. M. Fall, X. Fan, X. Fang, A. Filippenko, S. Finkelstein, R. Foley, S. Furlanetto, J. Kalirai, B. S. Gaudi, K. Gilbert, J. Girard, K. Grady, J. Greene, P. Guhathakurta, C. Heinrich, S. Hemmati, D. Hendel, C. Henderson, T. Henning, C. Hirata, S. Ho, E. Huff, A. Hutter, R. Jansen, **S. Jha**, S. Johnson, D. Jones, J. Kasdin, P. Kelly, R. Kirshner, A. Koekemoer, J. Kruk, N. Lewis, B. Macintosh, P. Madau, S. Malhotra, K. Mandel, E. Massara, D. Masters, J. McEnery, K. McQuinn, P. Melchior, M. Melton, B. Mennesson, M. Peeples, M. Penny, S. Perlmutter, A. Pisani, A. Plazas, R. Poleski, M. Postman, C. Ranc, B. Rauscher, A. Rest, A. Roberge, B. Robertson, S. Rodney, J. Rhoads, J. Rhodes, R. Ryan, K. Sahu, D. Sand, D. Scolnic, A. Seth, Y. Shvartzvald, K. Siellez, A. Smith, D. Spergel, K. Stassun, R. Street, L.-G. Strolger, A. Szalay, J. Trauger, M. A. Troxel, M. Turnbull, R. van der Marel, A. von der Linden, Y. Wang, D. Weinberg, B. Williams, R. Windhorst, E. Wollack, H.-Y. Wu, J. Yee, and N. Zimmerman, 2019 (arXiv:1902.05569)
https://ui.adsabs.harvard.edu/abs/2019arXiv190205569A

11 "Optimizing the LSST Observing Strategy for Dark Energy Science: DESC Recommendations for the Deep Drilling Fields and other Special Programs," Scolnic, D. M., M. Lochner, P. Gris, N. Regnault, R. Hložek, G. Aldering, T. Allam Jr, H. Awan, R. Biswas, J. Blazek, C. Chang, E. Gawiser, A. Goobar, I. M. Hook, **S. W. Jha**, J. D. McEwen, R. Mandelbaum, P. Marshall, E. Neilsen, J. Rhodes, D. Rothchild, I. Sevilla Noarbe, A. Slosar, and P. Yoachim, 2018 (arXiv:1812.00516)
http://adsabs.harvard.edu/abs/2018arXiv181200516S

10 "Optimizing the LSST Observing Strategy for Dark Energy Science: DESC Recommendations for the Wide-Fast-Deep Survey," Lochner, M., D. M. Scolnic, H. Awan, N. Regnault, P. Gris, R. Mandelbaum, E. Gawiser, H. Almoubayyed, C. N. Setzer, S. Huber, M. L. Graham, R. Hložek, R. Biswas, T. Eifler, D. Rothchild, T. Allam Jr, J. Blazek, C. Chang, T. Collett, A. Goobar, I. M. Hook, M. Jarvis, **S. W. Jha**, A. G. Kim, P. Marshall, J. D. McEwen, M. Moniez, J. A. Newman, H. V. Peiris, T. Petrushevska, J. Rhodes, I. Sevilla-Noarbe, A. Slosar, S. H. Suyu, J. A. Tyson, and P. Yoachim, 2018 (arXiv:1812.00515)
http://adsabs.harvard.edu/abs/2018arXiv181200515L

9 "LSST Observing Strategy White Paper: LSST Observations of WFIRST Deep Fields," Foley, R. J., A. M. Koekemoer, D. N. Spergel, F. B. Bianco, P. Capak, L. Dai, O. Dore, G. G. Fazio, H. Ferguson, A. V. Filippenko, B. Frye, L. Galbany, E. Gawiser, C. Gronwall, N. P. Hathi, C. Hirata, R. Hounsell, **S. W. Jha**, A. G. Kim, P. L. Kelly, J. W. Kruk, S. Malhotra, K. S. Mandel, R. Margutti, D. Marrone, K. B. W. McQuinn, P. Melchior, L. Moustakas, J. A. Newman,

J. E. G. Peek, S. Perlmutter, J. D. Rhodes, B. Robertson, D. Rubin, D. Scolnic, R. Somerville, R. Street, Y. Wang, D. J. Whalen, R. A. Windhorst, and E. J. Wollack, 2018 (arXiv:1812.00514)
http://adsabs.harvard.edu/abs/2018arXiv181200514F

8 "The Photometric LSST Astronomical Time-series Classification Challenge (PLAsTiCC): Data set," The PLAsTiCC team, T. Allam Jr., A. Bahmanyar, R. Biswas, M. Dai, L. Galbany, R. Hložek, E. E. O. Ishida, **S. W. Jha**, D. O. Jones, R. Kessler, M. Lochner, A. A. Mahabal, A. I. Malz, K. S. Mandel, J. R. Martínez-Galarza, J. D. McEwen, D. Muthukrishna, G. Narayan, H. Peiris, C. M. Peters, K. Ponder, C. N. Setzer, The LSST Dark Energy Science Collaboration, The LSST Transients and Variable Stars Science Collaboration, 2018 (arXiv:1810.00001)
http://adsabs.harvard.edu/abs/2018arXiv181000001T

7 "Science-Driven Optimization of the LSST Observing Strategy," LSST Science Collaboration, P. Marshall, T. Anguita, F. B. Bianco, E. C. Bellm, N. Brandt, W. Clarkson, A. Connolly, E. Gawiser, Z. Ivezic, L. Jones, M. Lochner, M. B. Lund, A. Mahabal, D. Nidever, K. Olsen, S. Ridgway, J. Rhodes, O. Shemmer, D. Trilling, K. Vivas, L. Walkowicz, B. Willman, P. Yoachim, S. Anderson, P. Antilogus, R. Angus, I. Arcavi, H. Awan, R. Biswas, K. J. Bell, D. Bennett, C. Britt, D. Buzasi, D. I. Casetti-Dinescu, L. Chomiuk, C. Claver, K. Cook, J. Davenport, V. Debattista, S. Digel, Z. Doctor, R. E. Firth, R. Foley, W.-f. Fong, L. Galbany, M. Giampapa, J. E. Gizis, M. L. Graham, C. Grillmair, P. Gris, Z. Haiman, P. Hartigan, S. Hawley, R. Hlozek, **S. W. Jha**, C. Johns-Krull, S. Kanbur, V. Kalogera, V. Kashyap, V. Kasliwal, R. Kessler, A. Kim, P. Kurczynski, O. Lahav, M. C. Liu, A. Malz, R. Margutti, T. Matheson, J. D. McEwen, P. McGehee, S. Meibom, J. Meyers, D. Monet, E. Neilsen, J. Newman, M. O'Dowd, H. V. Peiris, M. T. Penny, C. Peters, R. Poleski, K. Ponder, G. Richards, J. Rho, D. Rubin, S. Schmidt, R. L. Schuhmann, A. Shporer, C. Slater, N. Smith, M. Soares-Santos, K. Stassun, J. Strader, M. Strauss, R. Street, C. Stubbs, M. Sullivan, P. Szkody, V. Trimble, T. Tyson, M. de Val-Borro, S. Valenti, R. Wagoner, W. M. Wood-Vasey, and B. A. Zauderer, 2017 (arXiv:1708.04058)
http://adsabs.harvard.edu/abs/2017arXiv170804058L

6 "Improving the LSST dithering pattern and cadence for dark energy studies," Carroll, C. M., E. Gawiser, P. L. Kurczynski, R. A. Bailey, R. Biswas, D. Cinabro, **S. W. Jha**, R. L. Jones, K. S. Krughoff, A. Sonawalla, and W. M. Wood-Vasey, 2014, SPIE, 9149, 91490C
https://doi.org/10.1117/12.2057267
http://adsabs.harvard.edu/abs/2014SPIE.9149E..0CC

5 "The Hubble constant and new discoveries in cosmology," Suyu, S. H., T. Treu, R. D. Blandford, W. L. Freedman, S. Hilbert, C. Blake, J. Braatz, F. Courbin, J. Dunkley, L. Greenhill, E. Humphreys, **S. Jha**, R. Kirshner, K. Y. Lo, L. Macri, B. F. Madore, P. J. Marshall, G. Meylan, J. Mould, B. Reid, M. Reid, A. Riess, D. Schlegel, V. Scowcroft, and L. Verde, 2012 (arXiv:1202.4459)
http://adsabs.harvard.edu/abs/2012arXiv1202.4459S

4 “Supernova Photometric Classification Challenge,” Kessler, R., A. Conley, **S. Jha**, and S. Kuhlmann, 2010 (arXiv:1001.5210)
http://adsabs.harvard.edu/abs/2010arXiv1001.5210K

3 “LSST Science Book, Version 2.0,” LSST Science Collaboration, P. A. Abell, J. Allison, S. F. Anderson, J. R. Andrew, J. R. P. Angel, L. Armus, D. Arnett, S. J. Asztalos, T. S. Axelrod, S. Bailey, D. R. Ballantyne, J. R. Bankert, W. A. Barkhouse, J. D. Barr, L. F. Barrientos, A. J. Barth, J. G. Bartlett, A. C. Becker, J. Becla, T. C. Beers, J. P. Bernstein, R. Biswas, M. R. Blanton, J. S. Bloom, J. J. Bochanski, P. Boeshaar, K. D. Borne, M. Bradac, W. N. Brandt, C. R. Bridge, M. E. Brown, R. J. Brunner, J. S. Bullock, A. J. Burgasser, J. H. Burge, D. L. Burke, P. A. Cargile, S. Chandrasekharan, G. Chartas, S. R. Chesley, Y.-H. Chu, D. Cinabro, M. W. Claire, C. F. Claver, D. Clowe, A. J. Connolly, K. H. Cook, J. Cooke, A. Cooray, K. R. Covey, C. S. Culliton, R. de Jong, W. H. de Vries, V. P. Debattista, F. Delgado, I. P. Dell’Antonio, S. Dhital, R. Di Stefano, M. Dickinson, B. Dilday, S. G. Djorgovski, G. Dobler, C. Donalek, G. Dubois-Felsmann, J. Durech, A. Eliasdottir, M. Eracleous, L. Eyer, E. E. Falco, X. Fan, C. D. Fassnacht, H. C. Ferguson, Y. R. Fernandez, B. D. Fields, D. Finkbeiner, E. E. Figueroa, D. B. Fox, H. Francke, J. S. Frank, J. Frieman, S. Fromenteau, M. Furqan, G. Galaz, A. Gal-Yam, P. Garnavich, E. Gawiser, J. Geary, P. Gee, R. R. Gibson, K. Gilmore, E. A. Grace, R. F. Green, W. J. Gressler, C. J. Grillmair, S. Habib, J. S. Haggerty, M. Hamuy, A. W. Harris, S. L. Hawley, A. F. Heavens, L. Hebb, T. J. Henry, E. Hileman, E. J. Hilton, K. Hoadley, J. B. Holberg, M. J. Holman, S. B. Howell, L. Infante, Z. Ivezic, S. H. Jacoby, B. Jain, R, Jedicke, M. J. Jee, J. Garrett Jernigan, **S. W. Jha**, K. V. Johnston, R. L. Jones, M. Juric, M. Kaasalainen, Styliani, Kafka, S. M. Kahn, N. A. Kaib, J. Kalirai, J. Kantor, M. M. Kasliwal, C. R. Keeton, R. Kessler, Z. Knezevic, A. Kowalski, V. L. Krabbendam, K. S. Krughoff, S. Kulkarni, S. Kuhlman, M. Lacy, S. Lepine, M. Liang, A. Lien, P. Lira, K. S. Long, S. Lorenz, J. M. Lotz, R. H. Lupton, J. Lutz, L. M. Macri, A. A. Mahabal, R. Mandelbaum, P. Marshall, M. May, P. M. McGehee, B. T. Meadows, A. Meert, A. Milani, C. J. Miller, M. Miller, D. Mills, D. Minniti, D. Monet, A. S. Mukadam, E. Nakar, D. R. Neill, J. A. Newman, S. Nikolaev, M. Nordby, P. O’Connor, M. Oguri, J. Oliver, S. S. Olivier, J. K. Olsen, K. Olsen, E. W. Olszewski, H. Oluseyi, N. D. Padilla, A. Parker, J. Pepper, J. R. Peterson, C. Petry, P. A. Pinto, J. L. Pizagno, B. Popescu, A. Prsa, V. Radcka, M. J. Raddick, A. Rasmussen, A. Rau, J. Rho, J. E. Rhoads, G. T. Richards, S. T. Ridgway, B. E. Robertson, R. Roskar, A. Saha, A. Sarajedini, E. Scannapieco, T. Schalk, R. Schindler, S. Schmidt, S. Schmidt, D. P. Schneider, G. Schumacher, R. Scranton, J. Sebag, L. G. Seppala, O. Shemmer, J. D. Simon, M. Sivertz, H. A. Smith, J. Allyn Smith, N. Smith, A. H. Spitz, A. Stanford, K. G. Stassun, J. Strader, M. A. Strauss, C. W. Stubbs, D. W. Sweeney, A. Szalay, P. Szkody, M. Takada, P. Thorman, D. E. Trilling, V. Trimble, A. Tyson, R. Van Berg, D. Vanden Berk, J. VanderPlas, L. Verde, B. Vrsnak, L. M. Walkowicz, B. D. Wandelt, S. Wang, Y. Wang, M. Warner, R. H. Wechsler, A. A. West, O. Wiecha, B. F. Williams, B. Willman, D. Wittman, S. C. Wolff, W. M. Wood-Vasey, P. Wozniak, P. Young, A. Zentner, and H. Zhan, 2009 (arXiv:0912.0201)
http://adsabs.harvard.edu/abs/2009arXiv0912.0201L

2 "Type Ia supernova science 2010-2020," Howell, D. A., A. Conley, M. Della Valle, P. E. Nugent, S. Perlmutter, G. H. Marion, K. Krisciunas, C. Badenes, P. Mazzali, G. Aldering, P. Antilogus, E. Baron, A. Becker, C. Baltay, S. Benetti, S. Blondin, D. Branch, E. F. Brown, S. Deustua, A. Ealet, R. S. Ellis, D. Fouchez, W. Freedman, A. Gal-Yam, **S. Jha**, D. Kasen, R. Kessler, A. G. Kim, D. C. Leonard, W. Li, M. Livio, D. Maoz, F. Mannucci, T. Matheson, J. D. Neill, K. Nomoto, N. Panagia, K. Perrett, M. Phillips, D. Poznanski, R. Quimby, A. Rest, A. Riess, M. Sako, A. M. Soderberg, L. Strolger, R. Thomas, M. Turatto, S. van Dyk, and W. M. Wood-Vasey, 2009 (arXiv:0903.1086)
http://adsabs.harvard.edu/abs/2009arXiv0903.1086H

1 "A Study of the Type Ia/IIn Supernova 2005gj from X-ray to the Infrared: Paper I," Prieto, J. L., P. M. Garnavich, M. M. Phillips, D. L. DePoy, J. Parrent, D. Pooley, V. V. Dwarkadas, E. Baron, B. Bassett, A. Becker, D. Cinabro, F. DeJongh, B. Dilday, M. Doi, J. A. Frieman, C. J. Hogan, J. Holtzman, **S. Jha**, R. Kessler, K. Konishi, H. Lampeitl, J. Marriner, J. L. Marshall, G. Miknaitis, R. C. Nichol, A. G. Riess, M. W. Richmond, R. Romani, M. Sako, D. P. Schneider, M. Smith, N. Takanashi, K. Tokita, K. van der Heyden, N. Yasuda, C. Zheng, J. C. Wheeler, J. Barentine, J. Dembicky, J. Eastman, S. Frank, W. Ketzeback, R. J. McMillan, N. Morrell, G. Folatelli, C. Contreras, C. R. Burns, W. L. Freedman, S. Gonzalez, M. Hamuy, W. Krzeminski, B. F. Madore, D. Murphy, S. E. Persson, M. Roth, and N. B. Suntzeff, 2007 (arXiv:0706.4088)
http://adsabs.harvard.edu/abs/2007arXiv0706.4088P

Selected Talks, Posters, and Conference Proceedings

"White Dwarf Supernovae: Astrophysics and Cosmology," City College of New York Physics Colloquium (invited talk, 9/2024)

"The Unseen Universe," Princeton Day School (invited talk, 4/2024)

"White Dwarf Supernovae: Astrophysics and Cosmology," Michigan State University Astronomy Seminar (invited talk, 10/2023)

"White Dwarf Supernovae: Astrophysics and Cosmology," University of Minnesota Physics and Astronomy colloquium (invited talk, 9/2023)

"White Dwarf Supernovae: Astrophysics and Cosmology," Rutgers University Department of Physics and Astronomy colloquium (invited talk, 9/2022)

"How Fast is the Universe Expanding? A Cosmic Controversy" Jennifer Chalsty Planetarium, Liberty Science Center (invited talk, 6/2022)

"Type Ia Supernovae: Astrophysics and Cosmology," 16th Marcel Grossman meeting (virtual invited talk, 7/2021)

"Observations of White Dwarf Supernovae," White Dwarfs from Physics to Astrophysics, KITP, UC Santa Barbara (virtual invited talk, 3/2021)

"Cosmological Applications of Type Ia Supernovae," New York University CCPP Astro Seminar (invited talk, 3/2020)

"White Dwarf Supernovae: Astrophysics and Cosmology," Center for Computational Astrophysics colloquium, Flatiron Institute (invited talk, 2/2020)

"Near-infrared distances to type Ia supernovae," Supernova Cosmology Analysis Meeting, KICP, University of Chicago (invited talk, 10/2019)

"(The Progenitors of) Type Iax Supernovae," Type Ia Supernova Progenitors conference, Lijiang, China (contributed talk, 8/2019)

"We are the Messengers," Enabling Multi-Messenger Astrophysics, Space Telescope Science Institute (invited talk, 4/2019)

"Exploding Stars and the Accelerating Universe," Jennifer Chalsty Planetarium, Liberty Science Center (invited talk, 4/2019)

"LSST NextGen Science," LSST NextGen workshop, Argonne National Laboratory (contributed talk, 4/2019)

"Surveying the Accelerating Universe with Supernovae," Stockton University Physics and Engineering Colloquium (invited talk, 11/2018)

"Surveying the Accelerating Universe with Supernovae," Colby College Physics & Astronomy Colloquium (invited talk, 10/2018)

"Distances to (Nearby) Type Ia Supernovae," The Extragalactic Distance Scale II, Munich Institute for Astro- and Particle Physics, Germany (invited talk, 6/2018)

"Type Iax Supernovae," Observational Signatures of Type Ia Supernovae III, Lorentz Centre, Leiden, The Netherlands (invited talk, 2/2018)

"Surveying the Accelerating Universe with Supernovae," University of Notre Dame Physics Colloquium (invited talk, 9/2017)

"LSST Cadence for Supernova Cosmology," Supernovae: The LSST Revolution, Northwestern University (contributed talk, 6/2017)

"White Dwarf Supernovae: Physics and Cosmology," Stockholm University Oskar Klein Centre Colloquium (invited talk, 5/2017)

"Type Iax Supernovae," American Astronomical Society 229th meeting, Grapevine, Texas (contributed talk, 1/2017)

"White Dwarf Supernovae: Distances and Differences," University of Toronto Astronomy Colloquium (invited talk, 11/2016)

"White Dwarf Supernovae: Physics and Cosmology," Rutgers Physics and Astronomy Colloquium (invited talk, 8/2016)

"Type Iax Supernovae," Supernovae Through the Ages, Rapa Nui, Chile (contributed talk, 8/2016)

"Distances and Reddening to Type Ia Supernovae," ISSI-Beijing Astronomical Distance Determination in the Space Age, Beijing, China (invited talk, 5/2016)

"White Dwarf Supernovae," American Museum of Natural History Astrophysics Seminar, New York (invited talk, 11/2015)

"(Progenitors of) Type Iax Supernovae," Carnegie Observatories SN Ia Progenitor Workshop, Pasadena, California (invited talk, 8/2015)

"Surveying the Accelerating Universe with Supernovae," Physics Colloquium, North Carolina State University (invited talk, 9/2014)

"Type Iax Supernovae: Before and After," conference on Type Ia Supernovae: Progenitors, Explosions, and Cosmology, Kavli Institute for Cosmological Physics, University of Chicago (invited talk, 9/2014)

"Surveying the Universe with Type Ia Supernovae," conference on the Extragalactic Distance Scale, Munich Institute for Astro- and Particle Physics, Germany (invited talk, 5/2014)

"Distances to Type Ia Supernovae," Cosmic Distance Scale workshop, Space Telescope Science Institute, Baltimore, Maryland (invited talk, 4/2014)

"Type Iax Supernova (...continued)," Type Ia Supernova workshop, Institute for Advanced Study, Princeton, New Jersey (invited talk 2/2014)

"Type Iax Supernovae," Observational signatures of type Ia supernova progenitors II, Lorentz Center, University of Leiden, the Netherlands (invited talk 9/2013)

"The Accelerating Universe," Rutgers Quarknet Center (invited talk, 7/2013)

"The Accelerating Universe," New Jersey Astronomical Association meeting (invited talk, 4/2013)

"Cosmology with Supernovae: Systematic Floors and New Windows," Astrophysical Sciences Colloquium, Princeton University (invited talk, 4/2013)

"The Accelerating Universe," meeting of the New Jersey section of the American Association of Physics Teachers, Princeton, New Jersey (invited talk, 3/2013)

"Cosmology with Supernovae: Progress and Prospects," Astrophysics Seminar, American Museum of Natural History, New York (invited talk, 2/2013)

"Surveying the Accelerating Universe with Supernovae," Rutgers Astronomical Society (invited talk, 12/2012)

"Cosmology with Supernovae: Progress and Prospects," 13th Marcel Grossman meeting, Stockholm (invited talk, 7/2012)

"Cosmology with Supernovae: Progress and Prospects," CCPP Astrophysics Seminar, NYU (invited talk, 5/2012)

"Surveying the Accelerating Universe with Supernovae," Physics & Astronomy Colloquium, San Francisco State University (invited talk, 4/2012)

"Dust Extinction and Intrinsic Colors of SN Ia: R_V is not enough," Type Ia Supernovae in the Infrared workshop, University of Pittsburgh (invited talk, 3/2012)

"The Accelerating Universe: What Does It Mean?" SLAC National Accelerator Laboratory Colloquium (invited talk, 3/2012)

"Surveying the Accelerating Universe with Supernovae," School of Physics Colloquium, Georgia Tech (invited talk, 3/2012)

"The Hubble Constant from Type Ia Supernovae: Progress and Prospects," Hubble Constant workshop, Kavli Institute for Particle Astrophysics and Cosmology, SLAC/Stanford (invited talk, 2/2012; workshop report: arXiv:1202.4459)

"Peculiar Type-Ia Supernovae: Constraining Progenitors and Explosion Models," IAU Symposium 281: Binary Paths to Type Ia Supernovae Explosions, Padova, Italy (contributed talk, 7/2011)

"Seeing Red: Dust Extinction and Intrinsic Colors of Type Ia Supernovae," Supernovae and their Host Galaxies conference, Sydney, Australia (invited talk, 6/2011)

"Cosmology with Supernovae: Progress and Prospects," Institute for Advanced Study Informal Astrophysics Seminar, Princeton, New Jersey (invited talk, 5/2011)

"Cosmology with Supernovae: Progress and Prospects," Stony Brook University Astronomy Seminar (invited talk, 5/2011)

"Cosmology with Supernovae: Progress and Prospects," Bok Prize Lecture (Colloquium), Harvard-Smithsonian Center for Astrophysics (invited talk, 5/2011)

"Surveying the Accelerating Universe with Supernovae," Physics and Astronomy Colloquium, Rutgers University (invited talk, 4/2011)

"Reddening of Type Ia Supernovae: Implications for Progenitors," Lorentz Center, University of Leiden, Netherlands (contributed talk, 9/2010)

"Surveying the Universe with Supernovae," New Jersey Astronomy Group, Montclair State University, New Jersey (invited talk, 7/2010)

"Surveying the Universe with Supernovae," STAR Astronomy Club, Brookdale Community College, New Jersey (invited talk, 3/2010)

"Cosmology with Supernovae: Progress and Prospects," Astronomy Colloquium, Yale University (invited talk 2/2010)

"Surveying the Universe with Supernovae," Amateur Astronomers, Inc., Union County College, New Jersey (invited talk, 2/2010)

"Cosmology with Supernovae: Progress and Prospects," Pontifica Universidad Católica, Santiago,

Chile (invited talk, 12/2009)

"Surveying the Universe with Supernovae," Tri-State Astronomy Conference, CUNY (invited talk, 10/2009)

"SN 2002cx-like Supernovae: The Power of Nebular Spectroscopy," Stellar Death and Supernovae, KITP, UC Santa Barbara (invited talk, 8/2009)

"HST and Ground-Based Observations of SN 2008A: A Peculiar SN 2002cx-like Type Ia Supernova," Curtis McCully, **S. W. Jha**, R. Chornock, M. Ganeshalingam, W. Li, J. Silverman, T. Steele, A. Filippenko, P. Garnavich, R. Foley, A. Riess, Stellar Death and Supernovae, KITP, UC Santa Barbara (poster, 8/2009)

"The SDSS SN Survey: Cosmological Results," The Invisible Universe, Palais d'UNESCO, Paris (contributed talk, 7/2009)

"Clues to SN Ia Progenitors from the SDSS SN Survey," SN Ia Progenitor Workshop, Princeton University (invited talk, 4/2009)

"Quintessence or Dust? Progress and Prospects for SN Ia Cosmology," Astrophysics Seminar, University of Pennsylvania (invited talk, 10/2008)

"The SDSS SN Survey: Results and Prospects," A Decade of Dark Energy, Space Telescope Science Institute May Symposium (contributed talk, 5/2008)

"Quintessence or Dust? Progress and Prospects for SN Ia Cosmology," Department of Astrophysical Sciences, Princeton University (invited talk, 4/2008)

"The Low-z SN Ia Sample: Critical to Cosmology," The Interconnection between Particle Physics and Cosmology 2007, Texas A&M (invited talk, 5/2007)

"A Confounding Class of Peculiar Type Ia Supernovae?" Accretion and Explosion: the Astrophysics of Degenerate Stars, KITP, UC Santa Barbara (invited talk, 5/2007)

"The Low-z SN Ia Sample: Critical to Cosmology," Paths to Exploding Stars: Accretion and Eruption, KITP, UC Santa Barbara (contributed talk, 3/2007)

"The SDSS SN Survey," SN 1987A: 20 Years After, Supernovae and Gamma-Ray Bursters, Aspen Center for Physics (contributed talk, 2/2007)

"Cosmology and Astrophysics from the SDSS SN Survey," 23rd Texas Symposium on Relativistic Astrophysics, Melbourne, Australia (contributed talk, 12/2006)

"Dark Energy and the Accelerating Universe," Center for Talented Youth Space and Astronomy Day, SLAC (invited talks, 10/2006)

"Nearby Type Ia Supernovae: Critical to Cosmology," One Millennium After SN 1006 conference, Hangzhou, China (invited talk, 5/2006)

"Surveying the Universe with Supernovae," Beijing Normal University, China (invited talk, 5/2006)

"Nearby Type Ia Supernovae," INPA and Lawrence Berkeley National Laboratory (invited talk, 3/2006)

"Surveying the Universe with Supernovae," Department of Physics and Astronomy colloquium, Ohio University (invited talk, 3/2006)

"Surveying the Universe with Supernovae," Department of Physics and Astronomy seminar, Rutgers University (invited talk, 2/2006)

"Surveying the Universe with Supernovae," Lawrence Livermore National Laboratory (invited talk, 2/2006)

"Cosmology with Supernovae: Today and Tomorrow," KIPAC and Stanford University (invited talk, 1/2006)

"Surveying the Universe with Supernovae," Miller Institute for Basic Research in Science, University of California, Berkeley (invited talk, 5/2005)

"Before the Future: Current Samples and Applications of Nearby SN Ia," Ground-Based Supernova Surveys, Center for Cosmological Physics, University of Chicago (contributed talk, 11/2003)

"Early Time Optical Follow-up of GRBs with KAIT," IAU Colloquium 192, Supernovae (10 Years of SN 1993J), Valencia, Spain (contributed talk, 4/2003)

"Nearby Type Ia Supernovae and Cosmology," Dept. of Astronomy colloquium, UC Berkeley (invited talk, 4/2003)

"Prompt Observations of GRB 021211 with KAIT," **Jha, S.**, W. Li, R. Chornock, and A. V. Filippenko, American Astronomical Society Meeting 201, Seattle (poster, 1/2003)

"Exploding Stars Near and Far," Institute for Astronomy, University of Hawaii (invited talk, 11/2002)

"Supernovae and Cosmology," Fundamentals of Contemporary Astronomy taught by Prof. Rosanne Di Stefano, Harvard Summer School (guest lecture, 7/2002)

"Type Ia Supernovae as Distance Indicators: From the Ultraviolet to the Infrared," **Jha, S.**, R. P. Kirshner, P. M. Challis, and P. M. Garnavich, AAS Meeting 197, San Diego (talk, 1/2001)

"New Observations of Type Ia Supernovae: More than Meets the Eye," 20th Texas Symposium on Relativistic Astrophysics, Austin, TX (invited talk, 12/2000)

"Current and Future Searches for High-Redshift Supernovae," Theory Division, Harvard-Smithsonian Center for Astrophysics, Cambridge, MA (talk, 11/2000)

"Testing Cosmic Acceleration from Type Ia Supernovae," **Jha, S.**, N. B. Suntzeff and the High-Z SN Search Team, International Astronomical Union Symposium 201, Manchester, UK (invited talk, 8/2000), proceedings (astro-ph/0101521)

"Multicolor Observations of a Planetary Transit of HD 209458," **Jha, S.**, D. Charbonneau, P. M.

Garnavich, D. J. Sullivan, T. Sullivan, T. M. Brown, and J. L. Tonry, International Astronomical Union Symposium 202, Manchester, UK (poster, 8/2000)

"Supernovae and the Hubble Constant," **Jha, S.**, Optical and Infrared Division, Harvard-Smithsonian Center for Astrophysics, Cambridge, MA (talk, 4/2000)

"The Type-Ia Supernova 1998bu in M96 and the Hubble Constant," **Jha, S.**, et al., 1999, American Astronomical Society Meeting 193, Austin, TX (poster)

"Supernova Limits on the Cosmic Equation of State," P. Garnavich, **S. Jha**, et al., 1999, American Astronomical Society Meeting 193, Austin, TX (poster)

"Recent Supernova Light Curves," **Jha, S.**, P. Garnavich, P. Challis, A. Soderberg, and R. Kirshner, 1997, Supernova Explosions: Their Causes and Consequences, Institute for Theoretical Physics, University of California at Santa Barbara, CA (poster)

"Orbital Characteristics of Extrasolar Planets and Brown Dwarfs," **Jha, S.**, 1997, 10th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, Cambridge, MA (poster)

"Asteroseismology with the AFOE," T. Brown, E. Kennelly, S. Horner, **S. Jha**, S. Korzennik, M. Krockenberger, P. Nisenson, and R. W. Noyes, 1997, 10th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun, Cambridge, MA (poster)

"The Hierarchical Triple System HD 109648," **Jha, S.**, G. Torres, R. P. Stefanik, and D. W. Latham, 1997, Baltic Astronomy, 6, 55 (talk at "Thirty Years of Astronomy at the Van Vleck Observatory: A Meeting in Honor of Arthur R. Upgren," Wesleyan University, CT, 4/1996)

"The Membership of Upgren One," R. P. Stefanik, J. R. Caruso, G. Torres, **S. Jha**, and D. W. Latham, 1997, Baltic Astronomy, 6, 137 (poster)

"The AFOE Program of Extra-Solar Planet Research," R. Noyes, **S. Jha**, S. Korzennik, P. Malloy, M. Krockenberger, P. Nisenson, T. Brown, E. Kennelly, and S. Horner, 1996, STScI Workshop on Planets Beyond the Solar System (poster)

plus 328 IAU Circulars and CBETs on supernovae, GRBs, and planets, from 1997 onwards,
50 GCN Circulars on gamma-ray burst afterglows from 1999 onwards,
166 Astronomer's Telegrams on supernovae and transients from 2011 onwards,
and 101 Transient Name Server Classifcation Reports, Discovery Reports, or AstroNotes from 2016 onwards.