

## Prof. Eric Gawiser

### Publications

The 209 publications listed below have received more than 4000 citations, with an  $h$ -index of 40.

\* identifies publications led by myself or a member of my research group at Rutgers.

### Invited Review Articles

\*5. “Spectral Energy Distribution Fitting: Application to Ly $\alpha$ -Emitting Galaxies”

**Gawiser, E.**

*New Astronomy Reviews* 53, 50-53 (2009)

\*4. “Galaxy Formation”

**Gawiser, E.**

“New Horizons in Astronomy” *ASP Conference Series* 352, 177-189 (2006)

3. “Damped Ly $\alpha$  Systems”

Wolfe, A.M., **Gawiser, E.** & Prochaska, J.X.

*Annual Reviews of Astronomy & Astrophysics* 43, 861-918 (2005)

\*2. “The Cosmic Microwave Background Radiation”

**Gawiser, E.** & Silk, J.

*Physics Reports* 333, 245-167 (2000)

1. “WOMBAT & FORECAST: Making Realistic Maps of the Microwave Sky”

Jaffe, A.H., **Gawiser, E.**, Finkbeiner, D., Baker, J.C., Balbi, A., Davis, M., Hanany, S., Holzappel, W., Krumholz, M., Moustakas, L., Robinson, J., Scannapieco, E., Smoot, G.F. & Silk, J.

*Microwave Foregrounds*, eds. A. de Oliveira-Costa & M. Tegmark (ASP, San Francisco), 367-377 (1999)

### Refereed Publications

\*84. “The Curious Case of Lyman Alpha Emitters: Growing Younger from  $z \sim 3$  to  $z \sim 2$ ?”

Acquaviva, V., Vargas, C.J., **Gawiser, E.** & Guaita, L.

*Astrophysical Journal Letters*, in press, arXiv:1111.6688 (2012) [5 pages]

\*83. “Present-Day Descendants of  $z = 3$  Ly $\alpha$ -Emitting Galaxies in the Millennium-II Halo Merger Trees”

Walker Soler, J., **Gawiser, E.**, Bond, N.A., Padilla, N. & Francke, H.

*Astrophysical Journal*, in press, arXiv:1204.1368 (2012) [27 pages]

\*82. “Panchromatic Estimation of Star Formation Rates in BzK Galaxies at  $1 < z < 3$ ”

Kurczynski, P., **Gawiser, E.**, Huynh, M., Ivison, R., Treister, E., Smail, I., Blanc, G.A., Cardamone, C., Greve, T., Schinnerer, E., Urry, M., van der Werf, P. & Walter, F.

*Astrophysical Journal* 750, 117 (2012) [26 pages]

- \*81. “Survey design for Spectral Energy Distribution fitting: a Fisher Matrix approach”  
 Acquaviva, V., **Gawiser, E.**, Bickerton, S.J., Lee, S-K., Grogin, N. & Guo, Y.  
*Astrophysical Journal* 749, 72 (2012) [11 pages]
- \*80. “Stacked Rest-Frame UV Spectra of Ly $\alpha$ - Emitting and Continuum-Selected Galaxies at  $2 < z < 3.5$ ”  
 Berry, M.J., **Gawiser, E.**, Guaita, L., Padilla, N., Treister, E., Blanc, G., Ciardullo, R., Francke, H. & Gronwall, C.  
*Astrophysical Journal* 749, 4 (2012) [20 pages]
- \*79. “Evolution in the Continuum Morphological Properties of Ly $\alpha$ -Emitting Galaxies from  $z = 3.1$  to  $z = 2.1$ ”  
 Bond, N.A., **Gawiser, E.**, Guaita, L., Padilla, N., Gronwall, C., Ciardullo, R., & Lai, K.  
*Astrophysical Journal*, in press, arXiv:1104.2880 (2012) [21 pages]
78. “The Evolution of Ly $\alpha$  Emitting Galaxies Between  $z = 2.1$  and  $z = 3.1$ ”  
 Ciardullo, R., Gronwall, C., Wolf, C., McCathran, E., Bond, N.A., **Gawiser, E.**, Guaita, L., Feldmeier, J.J., Treister, E., Padilla, N., Francke, H., Matkovic, A., Altmann, M. & Herrera, D.  
*Astrophysical Journal* 744, 110 (2012) [11 pages]
77. “X-ray Constraints on the Ly $\alpha$  Escape Fraction”  
 Zheng, Z.-Y., Malhotra, S., Wang, J.-X., Rhoads, J.E., Finkelstein, S.L., **Gawiser, E.**, Gronwall, C., Guaita, L., Nilsson, K.K. & Ciardullo, R.  
*Astrophysical Journal* 746, 28 (2012) [8 pages]
76. “The LABOCA Survey of the Extended Chandra Deep Field South: Clustering of submillimetre galaxies”  
 Hickox, R.C., Wardlow, J.L., Smail, I., Myers, A.D., Alexander, D.M., Swinbank, A.M., Danielson, A.L.R., Stott, J.P., Chapman, S.C., Coppin, K.E.K., Dunlop, J.S., **Gawiser, E.**, Lutz, D., van der Werf, P., & Weiss, A.  
*Monthly Notices of the Royal Astronomical Society* 421, 284 (2012) [12 pages]
- \*75. “SED fitting with Markov Chain Monte Carlo: Methodology and Application to  $z = 3.1$  Ly $\alpha$ -Emitting Galaxies”  
 Acquaviva, V., **Gawiser, E.** & Guaita, L.  
*Astrophysical Journal* 737, 47 (2011) [17 pages]
- \*74. “Ly $\alpha$  Emitting Galaxies at  $z = 2.1$ : Stellar Masses, Dust and Star Formation Histories from Spectral Energy Distribution Fitting ”  
 Guaita, L., Acquaviva, V., Padilla, N., **Gawiser, E.**, Bond, N.A., Ciardullo, R., Treister, E., Kurczynski, P., Gronwall, C., Lira, P. & Schawinski, K.  
*Astrophysical Journal* 733, 114 (2011) [25 pages]
- \*73. “Differential Morphology Between Rest-frame Optical and UV Emission from  $1.5 < z < 3$  Star-forming Galaxies”  
 Bond, N.A., **Gawiser, E.**, & Koekemoer, A.  
*Astrophysical Journal* 729, 48 (2011) [11 pages]
72. “The Veiled and Self-Regulated Growth of the First Black Holes at  $z > 6$ ”

Treister, E., Schawinski, K., Volonteri, M., Natarajan, P. & **Gawiser, E.**

*Nature* 474, 356-358 (2011)

71. “The Light Profile Shapes of the Rest-frame Ultraviolet Components of Ly $\alpha$ -Emitting Galaxies at  $z = 3.1$ ”

Gronwall, C., Bond, N.A., Ciardullo, R., **Gawiser, E.**, Altmann, M., Feldmeier, J.J. & Blanc, G.A.

*Astrophysical Journal* 743, 9 (2011) [11 pages]

70. “The Evolution of Early-type Galaxies Selected by Their Spatial Clustering”

Padilla, N.D., Christlein, D., **Gawiser, E.** & Marchesini, D.

*Astronomy & Astrophysics* 531, A142 (2011) [10 pages]

69. “CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey”

Grogin, N.A., Kocevski, D.D., Faber, S.M., Ferguson, H.C., Koekemoer, A.M., Riess, A.G., Acquaviva, V., Alexander, D.M., Almaini, O., Ashby, M.L.N., Barden, M., Bell, E.F., Bournaud, F., Brown, T.M., Caputi, K.I., Casertano, S., Cassata, P., Challis, P., Chary, R.-R., Cheung, E., Cirasuolo, M., Conselice, C.J., Cooray, A.R., Croton, D.J., Daddi, E., Dahlen, T., Dav, R., de Mello, D.F., Dekel, A., Dickinson, M., Dolch, T., Donley, J.L., Dunlop, J.S., Dutton, A.A., Elbaz, D., Fazio, G.G., Filippenko, A.V., Finkelstein, S.L., Fontana, A., Gardner, J.P., Garnavich, P.M., **Gawiser, E.**, Giavalisco, M., Grazian, A., Guo, Y., Hathi, N.P., Hussler, B., Hopkins, P.F., Huang, J.-S., Huang, K.-H., Jha, S., Kartaltepe, J.S., Kirshner, R.P., Koo, D.C., Lai, K., Lee, K.-S., Li, W., Lotz, J.M., Lucas, R.A., Madau, P., McCarthy, P.J., McGrath, E.J., McIntosh, D.H., McLure, R.J., Mobasher, B., Moustakas, L.A., Mozena, M., Nandra, K., Newman, J.A., Niemi, S.-M., Noeske, K.G., Papovich, C.J., Pentericci, L., Pope, A., Primack, J.R., Rajan, A., Ravindranath, S., Reddy, N.A., Renzini, A., Rix, H.-W., Robaina, A.R., Rodney, S.A., Rosario, D.J., Rosati, P., Salimbeni, S., Scarlata, C., Siana, B., Simard, L., Smidt, J., Somerville, R.S., Spinrad, H., Straughn, A.N., Strolger, L.-G., Telford, O., Teplitz, H.I., Trump, J.R., van der Wel, A., Villforth, C., Wechsler, R.H., Weiner, B.J., Wiklind, T., Wild, V., Wilson, G., Wuyts, S., Yan, H.-J., & Yun, M. S.

*Astrophysical Journal Supplements* 197, 35 (2011) [48 pages]

68. “CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey - The Hubble Space Telescope Observations, Imaging Data Products and Mosaics”

Koekemoer, A. M., Faber, S.M., Ferguson, H.C., Grogin, N.A., Kocevski, D.D., Koo, D.C., Lai, K., Lotz, J.M., Lucas, R.A., McGrath, E.J., Ogaz, S., Rajan, A., Riess, A.G., Rodney, S.A., Strolger, L., Casertano, S., Dahlen, T., Dickinson, M., Dolch, T., Fontana, A., Giavalisco, M., Grazian, A., Guo, Y., Hathi, N.P., Huang, K.-H., van der Wel, A., Yan, H.-J., Acquaviva, V., Alexander, D.M., Almaini, O., Ashby, M.L.N., Barden, M., Bell, E.F., Bournaud, F., Brown, T.M., Caputi, K.I., Cassata, P., Challis, P., Chary, R.-R., Cheung, E., Cirasuolo, M., Conselice, C.J., Cooray, A.R., Croton, D.J., Daddi, E., Dav, R., de Mello, D.F., de Ravel, L., Dekel, A., Donley, J.L., Dunlop, J.S., Dutton, A.A., Elbaz, D., Fazio, G.G., Filippenko, A.V., Finkelstein, S.L., Frazer, C., Gardner, J.P., Garnavich, P.M., **Gawiser, E.**, Gruetzbauch, R., Hartley, W.G., Hussler, B., Herrington, J., Hopkins, P.F., Huang, J.-S., Jha, S., Johnson, A., Kartaltepe, J.S., Khostovan, A.A., Kirshner, R.P., Lani, C., Lee, K.-S., Li, W., Madau, P., McCarthy, P.J., McIntosh, D.H., McLure, R.J., McPartland, C., Mobasher, B., Moreira, H., Mortlock, A., Moustakas, L.A., Mozena, M., Nandra, K., Newman, J.A., Nielsen, J.L., Niemi, S., Noeske, K.G., Papovich, C.J., Pentericci, L., Pope, A., Primack, J.R., Ravindranath, S., Reddy, N.A., Renzini, A., Rix, H.-W., Robaina, A.R., Rosario, D.J., Rosati, P., Salimbeni, S., Scarlata, C., Siana, B., Simard, L., Smidt, J., Snyder, D., Somerville, R.S., Spinrad, H., Straughn, A.N., Telford, O., Teplitz, H.I., Trump, J.R., Vargas, C., Villforth, C., Wagner, C.R., Wandro, P., Wechsler, R.H., Weiner, B.J., Wiklind, T., Wild, V., Wilson, G.,

- Wuyts, S., & Yun, M. S.  
*Astrophysical Journal Supplements* 197, 36 (2011) [36 pages]
67. “The HETDEX Pilot Survey. II. The Evolution of the Ly $\alpha$  Escape Fraction from the UV Slope and Luminosity Function of  $1.9 < z < 3.8$  LAEs”  
 Blanc, G.A., Adams, J., Gebhardt, K., Hill, G.J., Drory, N., Hao, L., Bender, R., Ciardullo, R., Finkelstein, S.L., Fry, A.B., **Gawiser, E.**, Gronwall, C., Hopp, U., Jeong, D., Kelzenberg, R., Komatsu, E., MacQueen, P., Murphy, J., Roth, M., Schneider, D. & Tufts, J.  
*Astrophysical Journal* 736, 31 (2011) [56 pages]
66. “The LABOCA survey of the Extended Chandra Deep Field South: A photometric redshift survey of submillimetre galaxies”  
 Wardlow, J.L., Smail, I., Coppin, K.E.K., Alexander, D.M., Brandt, W.N., Danielson, A.L.R., Luo, B., Swinbank, A.M., Walter, F., Weiss, A., Xue, Y.Q., Zibetti, S., Bertoldi, F., Biggs, A.D., Chapman, S.C., Dannerbauer, H., Dunlop, J.S., **Gawiser, E.**, Ivison, R. J., Knudsen, K.K., Kovacs, A., Lacey, C.G., Menten, K.M., Padilla, N., Rix, H.-W., & van der Werf, P.  
*Monthly Notices of the Royal Astronomical Society* 415, 1479 [30 pages]
65. “The HETDEX Pilot Survey III. The Low Metallicities of High-redshift Lyman Alpha Galaxies”  
 Finkelstein, S., Hill, G.J., Gebhardt, K., Adams, J., Blanc, G.A., Papovich, C., Ciardullo, R., Drory, N., **Gawiser, E.**, Gronwall, C., Schneider, D. & Tran, K.-V.  
*Astrophysical Journal* 729, 140 (2011) [15 pages]
64. “The HETDEX Pilot Survey. I. Survey Design, Performance, and Catalog of Emission-line Galaxies”  
 Adams, J., Blanc, G.A., Hill, G.J., Gebhardt, K., Drory, N., Hao, L., Bender, R., Byun, J., Ciardullo, R., Cornell, M., Finkelstein, S., Fry, A., **Gawiser, E.**, Gronwall, C., Hopp, U., Jeong, D., Kelz, A., Kelzenberg, R., Komatsu, E., MacQueen, P., Murphy, J., Odoms, P., Roth, M., Schneider, D., Tufts, J. & Wilkinson, C.  
*Astrophysical Journal Supplements* 192, 5 (2011) [45 pages]
63. “The SIMPLE Survey: Observations, Reduction, and Catalog”  
 Damen, M., Labbe, I., van Dokkum, P.G., Franx, M., Taylor, E.N., Brandt, W.N., Dickinson, M., **Gawiser, E.**, Illingworth, G.D., Kriek, M., Marchesini, D., Muzzin, A., Papovich, C. & Rix, H.-W.  
*Astrophysical Journal* 727, 1 (2011) [24 pages]
- \*62. “How to Falsify the GR+ $\Lambda$ CDM Model with Galaxy Redshift Surveys”  
 Acquaviva, V. & **Gawiser, E.**  
*Physical Review D* 82, 082001 (2010) [6 pages]
- \*61. “Lyman-Alpha-Emitting Galaxies at  $z = 2.1$  in ECDF-S: Building Blocks of Typical Present-day Galaxies?”  
 Guaita, L., **Gawiser, E.**, Padilla, N., Francke, H., Bond, N.A., Gronwall, C., Ciardullo, R., Feldmeier, J.J., Sinawa, S., Blanc, G.A. & Virani, S.  
*Astrophysical Journal* 714, 255-269 (2010)
- \*60. “A Simultaneous Stacking and Deblending Algorithm for Astronomical Images”  
 Kurczynski, P. & **Gawiser, E.**  
*Astronomical Journal* 139, 1592-1599 (2010)

- \*59. “Evidence for Spatially Compact Ly $\alpha$  Emission in  $z = 3.1$  Ly $\alpha$ -Emitting Galaxies”  
Bond, N.A., Feldmeier, J.J., Matkovic, A., Gronwall, C., Ciardullo, R. & **Gawiser, E.**  
*Astrophysical Journal Letters* 716, L200-L204 (2010)
58. “MIPS 24  $\mu\text{m}$  Observations of the Hubble Deep Field South: Probing the IR-Radio Correlation of Galaxies at  $z > 1$ ”  
Huynh, M.T., **Gawiser, E.**, Marchesini, D., Brammer, G. & Guaita, L.  
*Astrophysical Journal* 723, 1110-1118 (2010)
57. “Clustering and descendants of MUSYC galaxies at  $z < 1.5$ ”  
Padilla, N.D., Christlein, D., **Gawiser, E.**, Gonzalez, R.E., Guaita, L. & Infante, L.  
*Monthly Notices of the Royal Astronomical Society* 409, 184-198 (2010)
56. “Dust-Corrected Colors Reveal Bimodality in AGN Host Galaxy Colors at  $z \sim 1$ ”  
Cardamone, C.N., Urry, C.M., Schawinski, K., Treister, E., Brammer, G. & **Gawiser, E.**  
*Astrophysical Journal Letters* 721, L38-L42 (2010)
55. “The Multiwavelength Survey by Yale-Chile (MUSYC): Deep Medium-Band Optical Imaging and High Quality 32-band Photometric Redshifts in the ECDF-S”  
Cardamone, C.N., van Dokkum, P.G., Urry, C.M., Taniguchi, Y., **Gawiser, E.**, Brammer, G., Taylor, E., Damen, M., Treister, E., Cobb, B.E., Bond, N., Schawinski, K., Lira, P., Murayama, T., Saito, T., Sumikawa, K.  
*Astrophysical Journal Supplements* 189, 270-285 (2010)
54. “A LABOCA Survey of the Extended Chandra Deep Field South - Submillimeter Properties of Near-IR Selected Galaxies”  
Greve, T. R., Weiss, A., Walter, F., Smail, I., Zheng, X. Z., Knudsen, K. K., Coppin, K. E. K., Kovacs, A., Bell, E. F., de Breuck, C., Dannerbauer, H., Dickinson, M., **Gawiser, E.**, Lutz, D., Rix, H.-W., Schinnerer, E., Alexander, D., Bertoldi, F., Brandt, W. N., Chapman, S. C., Ivison, R. J., Koekemoer, A. M., Kreysa, E., Kurczynski, P., Menten, K., Siringo, G., Swinbank, M. & van der Werf, P.  
*Astrophysical Journal* 719, 483-496 (2010)
53. “A LABOCA survey of the Extended Chandra Deep Field South: Two modes of star formation in AGN hosts?”  
Lutz, D., Mainieri, V., Rafferty, D., Shao, L., Hasinger, G., Weiss, A., Walter, F., Smail, I., Alexander, D.M., Brandt, W.N., Chapman, S., Coppin, K., Forster Schreiber, N.M., **Gawiser, E.**, Genzel, R., Greve, T.R., Ivison, R.J., Koekemoer, A.M., Kurczynski, P., Menten, K.M., Nordon, R., Popesso, P., Silverman, J.D., Wardlow, J. & Xue, Y.Q.  
*Astrophysical Journal* 712, 1287-1301 (2010)
- \*52. “Sizes of Ly $\alpha$ -emitting Galaxies and Their Rest-frame Ultraviolet Components at  $z = 3.1$ ”  
Bond, N.A., **Gawiser, E.**, Gronwall, C., Ciardullo, R., Altmann, M. & Schawinski, K.  
*Astrophysical Journal* 705, 639-649 (2009)
51. “Introducing the Photometric Maximum Likelihood Method: Galaxy Luminosity Functions at  $z < 1.2$  in MUSYC-ECDFS”  
Christlein, D., **Gawiser, E.**, Marchesini, D. & Padilla, N.  
*Monthly Notices of the Royal Astronomical Society* 400, 429-450 (2009)

50. “The LABOCA Survey of the Extended Chandra Deep Field South”  
Weiss, A., Kovacs, A., Coppin, K., Greve, T.R., Walter, F., Smail, I., Dunlop, J.S., Knudsen, K.K., Alexander, D.M., Bertoldi, F., Brandt, W.N., Chapman, S.C., Cox, P., Dannerbauer, H., De Breuck, C., **Gawiser, E.**, Ivison, R.J., Lutz, D., Menten, K.M., Koekemoer, A.M., Kreysa, E., Kurczynski, P., Rix, H.-W., Schinnerer, E. & van der Werf, P.P.  
*Astrophysical Journal* 707, 1201-1216 (2009)
49. “Heavily Obscured AGN in Star-forming Galaxies at  $z \simeq 2$ ”  
Treister, E., Cardamone, C.N., Schawinski, K., Urry, C.M., **Gawiser, E.**, Lira, P., Kartaltepe, J., Damen, M., Taylor, E.N., Le Floch, E. & Justham, S.  
*Astrophysical Journal* 706, 535-552 (2009)
48. “A Public,  $K$ -Selected, Optical-to-Near-Infrared Catalog of the Extended Chandra Deep Field-South (ECDF-S) from the Multiwavelength Survey by Yale-Chile (MUSYC)”  
Taylor, E.N., Franx, M., van Dokkum, P.G., **Gawiser, E.**, Bell, E.F., Barrientos, L.F., Blanc, G.A., Castander, F.J., Damen, M., Gonzalez-Perez, V., Hall, P.B., Herrera, D., Hildebrandt, H., Kriek, M., Labbe, I., Lira, P., Maza, J., Rudnick, G., Treister, E., Urry, C.M., Willis, J.P. & Wuyts, S.  
*Astrophysical Journal Supplements* 183, 295-319 (2009)
47. “Optical Spectroscopy of X-ray sources in the Extended Chandra Deep Field South”  
Treister, E., Virani, S., **Gawiser, E.**, Urry, C.M., Lira, P., Francke, H., Blanc, G.A., Cardamone, C.N., Damen, M., Taylor, E.N. & Schawinski, K.  
*Astrophysical Journal* 693, 1713-1727 (2009)
46. “The Rise of Massive Red Galaxies: the Color-Magnitude and Color-Stellar Mass Diagrams for  $z_{phot} < \sim 2$  from the Multiwavelength Survey by Yale-Chile (MUSYC)”  
Taylor, E.N., Franx, M., van Dokkum, P.G., Bell, E.F., Brammer, G.B., Rudnick, G., Wuyts, S., **Gawiser, E.**, Lira, P., Urry, C.M. & Rix, H.-W.  
*Astrophysical Journal* 694, 1171-1199 (2009)
45. “The Evolution of the Specific Star Formation Rate of Massive Galaxies to  $z \sim 1.8$  in the ECDF-S”  
Damen, M., Labbe, I., Franx, M., van Dokkum, P.G., Taylor, E.N. & **Gawiser, E.**  
*Astrophysical Journal* 690, 937-943 (2009)
44. “A submillimetre galaxy at  $z = 4.76$  in the LABOCA survey of the Extended Chandra Deep Field-South”  
Coppin, K.E.K., Smail, I., Alexander, D.M., Weiss, A., Walter, F., Swinbank, A.M., Greve, T.R., Kovacs, A., De Breuck, C., Dickinson, M., Ibar, E., Ivison, R. J., Reddy, N., Spinrad, H., Stern, D., Brandt, W.N., Chapman, S.C., Dannerbauer, H., van Dokkum, P., Dunlop, J.S., Frayer, D., **Gawiser, E.**, Geach, J. E., Huynh, M., Knudsen, K.K., Koekemoer, A.M., Lehmer, B.D., Menten, K.M., Papovich, C., Rix, H.-W., Schinnerer, E., Wardlow, J.L., & van der Werf, P.P.  
*Monthly Notices of the Royal Astronomical Society* 395, 1905-1914 (2009)
- \*43. “Clustering of Intermediate Luminosity X-ray Selected AGN at  $z \sim 3$ ”  
Francke, H., **Gawiser, E.**, Lira, P., Treister, E., Virani, S., Cardamone, C., Urry, C.M., van Dokkum, P.G., Quadri, R. & Infante, L.  
*Astrophysical Journal Letters* 673, L13-L16 (2008)
42. “Spitzer Constraints on the Stellar Populations of Ly $\alpha$ -Emitting Galaxies at  $z = 3.1$ ”

- Lai, K., Huang, J.-S., Fazio, G., **Gawiser, E.**, Gronwall, C., Ciardullo, R., Magdis, G. & van Dokkum, P.G.  
*Astrophysical Journal* 674, 70-74 (2008)
41. “The Multiwavelength Survey by Yale-Chile (MUSYC): Wide K-band Imaging, Photometric Catalogs, Clustering and Physical Properties of Galaxies at  $z \sim 2$ ”  
 Blanc, G.A., Lira, P., Barrientos, L.F., Aguirre, P., Francke, H., Taylor, E.N., Quadri, R., Marchesini, D., Infante, L., **Gawiser, E.**, Hall, P.B., Willis, J.P., Herrera, D. & Maza, J.  
*Astrophysical Journal* 681, 1099-1115 (2008)
40. “Mid-Infrared Properties and Color Selection for X-Ray-Detected Active Galactic Nuclei in the MUSYC Extended Chandra Deep Field-South”  
 Cardamone, C., Urry, C.M., Damen, M., van Dokkum, P.G., Treister, E., Labbe, I., Virani, S.N., Lira, P. & **Gawiser, E.**  
*Astrophysical Journal* 680, 130-142 (2008)
39. “The UV Colours of High-redshift Early-type Galaxies: Evidence for Recent Star Formation and Stellar Mass Assembly over the Last 8 Billion Years”  
 Kaviraj, S., Khochfar, S., Schawinski, K., Yi, S.K., **Gawiser, E.**, Silk, J., Virani, S.N., Cardamone, C., van Dokkum, P.G., & Urry, C.M.  
*Monthly Notices of the Royal Astronomical Society* 388, 67-79 (2008)
38. “A Near-infrared Spectroscopic Survey of K-selected Galaxies at  $z \sim 2.3$ : Redshifts and Implications for Broadband Photometric Studies”  
 Kriek, M., van Dokkum, P.G., Franx, M., Illingworth, G.D., Marchesini, D., Quadri, R., Rudnick, G., Taylor, E.N., Forster Schreiber, N.M., **Gawiser, E.**, Labbé, I., Lira, P. & Wuyts, S.  
*Astrophysical Journal* 677, 219-237 (2008)
- \*37. “Ly $\alpha$ -Emitting Galaxies at  $z = 3.1$ : L\* Progenitors Experiencing Rapid Star Formation”  
**Gawiser, E.**, Francke, H., Lai, K., Schawinski, K., Gronwall, C., Ciardullo, R., Quadri, R., Orsi, A., Barrientos, L.F., Blanc, G.A., Fazio, G., Feldmeier, J., Huang, J., Infante, L., Lira, P., Padilla, N., Taylor, E.N., Treister, E., Urry, C.M., van Dokkum, P.G. & Virani, S.N.  
*Astrophysical Journal* 671, 278-284 (2007)
36. “Systematic Uncertainties in Stellar Mass Estimation for Distinct Galaxy Populations”  
 Kannappan, S. & **Gawiser, E.**  
*Astrophysical Journal Letters* 657, L5-L8 (2007)
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- \*6. “Lyman-Alpha Emitting Galaxies at  $z=3.1$ : Progenitors of Present-Day L\* Galaxies”  
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- \*85. “MCMC SED Fitting Of CANDELS Galaxies: A Realistic Error Budget”  
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- \*84. “Present-day Descendants of  $z = 3.1$  Ly $\alpha$  Emitting Galaxies In The Millennium-II Halo Merger  
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- \*83. “Individual And Rest-frame Composite Spectra Of Ly Emitting And Uv Continuum-selected Galaxies At  $2 < z < 3.5$ ”  
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- \*82. “Extremely High SFRs In  $z \sim 2$  Galaxies: Multiwavelength Estimation vs. Halpha Spectroscopy”  
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- \*81. “Exploring the Photometric Properties of  $z = 3.1$  Lyman Alpha Emitting Galaxies”  
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77. “SHELA: The Spitzer-HETDEX Exploratory Large Area Survey”  
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