

Prof. Eric Gawiser

Publications

The 195 publications listed below have received more than 3500 citations, with an h -index of 36.

* 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 α -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 α 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)

Submitted

*7. "Survey design for Spectral Energy Distribution fitting: a Fisher Matrix approach"

Aquaviva, V., **Gawiser, E.**, & Bickerton, S.J.

submitted to *Physical Review D* (2011) [9 pages]

*6. "Present-Day Descendants of $z = 3$ Ly α -Emitting Galaxies in the Millennium-II Halo Merger Trees"

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

submitted to *Astrophysical Journal* (2011) [27 pages]

*5. "Evolution in the Continuum Morphological Properties of Ly α -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.

submitted to *Astrophysical Journal*, arXiv:1104.2880 (2011) [21 pages]

*4. "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.

submitted to *Astrophysical Journal*, arXiv:1010.0290 (2011) [26 pages]

3. “X-ray Constraints on the Ly α 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.

submitted to *Astrophysical Journal*, arXiv:1006.2811 (2011) [20 pages]

2. “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.

submitted to *Astrophysical Journal Supplements*, arXiv:1105.3753 (2011) [48 pages]

1. “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.

submitted to *Astrophysical Journal Supplements*, arXiv:1105.3754 (2011) [36 pages]

Refereed Publications

74. “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)
- *73. “SED fitting with Markov Chain Monte Carlo: Methodology and Application to $z = 3.1$ Ly α -Emitting Galaxies”
Acquaviva, V., **Gawiser, E.** & Guaita, L.
Astrophysical Journal 737, 47 (2011) [17 pages]
- *72. “Ly α 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]
- *71. “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]
70. “The Evolution of Ly α 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, in press (2011) [41 pages]
69. “The Light Profile Shapes of the Rest-frame Ultraviolet Components of Ly α -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, in press, arXiv:1005.3006 (2011) [30 pages]
68. “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]
67. “The HETDEX Pilot Survey. II. The Evolution of the Ly α 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+ Λ 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 α Emission in $z = 3.1$ Ly α -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 μ 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 α -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 $z_{\text{phot}} < \sim 2$ 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 α -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 α -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)

35. “Ly α Emission-Line Galaxies at $z = 3.1$ in the Extended Chandra Deep Field South”

Gronwall, C., Ciardullo, R., Hickey, T., **Gawiser, E.**, Feldmeier, J.J., van Dokkum, P.G., Urry, C.M., Herrera, D., Lehmert, B., Infante, L., Orsi, A., Marchesini, D., Blanc, G.A., Francke, H., Lira, P. & Treister, E.

Astrophysical Journal 667, 79-91 (2007)

34. “Spitzer Mid-to-Far-Infrared Flux Densities of Distant Galaxies”

Papovich, C., Rudnick, G., Le Floch, E., van Dokkum, P.G., Rieke, G.H., Taylor, E.N., Armus, L., **Gawiser, E.**, Huang, J., Marcillac, D., & Franx, M.

Astrophysical Journal 668, 45-61 (2007)

33. “The Multiwavelength Survey by Yale-Chile (MUSYC): Deep Near-Infrared Imaging and the Selection of Distant Galaxies”

Quadri, R., Marchesini, D., van Dokkum, P.G., **Gawiser, E.**, Franx, M., Lira, P., Rudnick, G., Urry, C.M., Maza, J., Kriek, M., Barrientos, L.F., Blanc, G., Castander, F.J., Christlein, D., Coppi, P.S., Hall, P.B., Herrera, D., Infante, L., Taylor, E.N., Treister, E. & Willis, J.P.

Astronomical Journal 134, 1103-1117 (2007)

32. “The Origin of Line Emission in Massive $z \sim 2.3$ Galaxies: Evidence for Cosmic Downsizing of AGN Host Galaxies”

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