Prof. Eric Gawiser

Publications

The 363 publications listed below have received more than 20,000 citations, with an $h$-index of 67. * identifies publications led by myself or a member of my research group.

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., Holzapfel, 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

*1. “Searching for Conformity Across Cosmic Time with Local Group and Local Volume Star Formation Histories”
Olsen, C. & Gawiser, E.
submitted to Astrophysical Journal, arXiv:2210.05637

2. “Stochastic Modelling of Star Formation Histories III. Constraints from Physically-Motivated Gaussian Processes”
Iyer, K.G., Speagle, J.S., Caplar, N., Forbes, J.C., Gawiser, E., Leja, J. & Tacchella, S.
submitted to Astrophysical Journal, arXiv:2208.05938

3. “CEERS Key Paper I: An Early Look into the First 500 Myr of Galaxy Formation with JWST”
Finkelstein, S.L., Bagley, M.B., Ferguson, H.C., Wilkins, S.M., Kartaltepe, J.S., Papovich, C., Yung, L.Y.A., Arrabal Haro, P., Behroozi, P., Dickinson, M., Kocevski, D.D., Koekemoer, A.M., Larson, R.L., Le Bail, A., Morales, A.M., Perez-Gonzalez, P.G., Burgarella, D., Dave, R., Hirschmann, M.,
4. “The Physical Conditions of Emission-Line Galaxies at Cosmic Dawn from JWST/NIRSpec Spectroscopy in the SMACS 0723 Early Release Observations”

Trump, J.R., Arrabal Haro, P., Simons, R.C., Backhaus, B.E., Amorin, R.O., Dickinson, M., Fernandez, V., Papovich, C., Nicholls, D.C., Kewley, L.J., Brunker, S.W., Salzer, J.J., Wilkins, S.M., Almaini, O., Bagley, M.B., Berg, D.A., Bhaatawdekar, R., Bisigello, L., Buat, V., Burgarella, D., Calabro, A., Casey, C.M., Ciesla, L., Cleri, N.J., Cole, J.W., Cooper, M.C., Cooray, A.R., Constantin, L., Ferguson, H.C., Finkelstein, S.L., Fujimoto, S., Gardner, J.P., Gawiser, E., Giavalisco, M., Grazian, A., Grogin, N.A., Hathi, N.P., Hirschmann, M., Holwerda, B.W., Huertas-Company, M., Hutchinson, T.A., Jha, S.W., Jogee, S., Juneau, S., Jung, I., Kartaltepe, J.S., Koekemoer, A.M., Kocevski, D.D., Kurczynski, P., Larson, R.L., Leung, G.C.K., Lucas, R.A., Mobasher, B., Pandya, V., Tacchella, S., Weiner, B.J., & Zavala, J.A.

submitted to Astrophysical Journal, arXiv:2207.12388

5. “A dusty starburst masquerading as an ultra-high redshift galaxy in JWST CEERS observations”

Zavala, J.A., Buat, V., Casey, C.M., Burgarella, D., Finkelstein, S.L., Bagley, M.B., Ciesla, L., Daddi, E., Dickinson, M., Ferguson, H.C., Franco, M., Jimenez-Andrade, E.F., Kartaltepe, J.S., Koekemoer, A.M., Le Bail, A., Murphy, E.J., Papovich, C., Tacchella, S., Wilkins, S.M., Fontana, A., Giavalisco, M., Grazian, A., Grogin, A.N., Kocevski, D.D., Kirkpatrick, A., Lotz, J.M., Pentericci, L., Perez-Gonzalez, P.G., Pirzkal, N., Rafelski, M., Rose, C., Seille, L.-M., Somerville, R.S., Straughn, A.N., Tacchella, S., Vanderhoof, B.N., Weiner, B.J., Wuyts, S., Yung, L.Y.A. & Zavala, J.A.

submitted to Astrophysical Journal, arXiv:2208.01816

6. “HETDEX Public Source Catalog 1: 280K Sources including over 50K Lyman Alpha Emitters From an Untargeted Wide-area Spectroscopic Survey”

Mentuch Cooper, E., Gebhardt, K., Davis, D., Farrow, D.J., Liu, C., Zeimann, G., Ciardullo, R., Feldmeier, J.J., Drory, N., Jeong, D., Benda, B., Bowman, W.P., Boylan-Kolchin, M., Chevez
Ortiz, O.A., Debski, M.H., Dentler, M., Fabricius, M., Farooq, R., Finkelstein, S., **Gawiser, E.**, Grounwall, C., Hill, G.J., Hopp, U., House, L.R., Khoraminezhad, H., Kollatschny, W., Komatsu, E., Landriau, M., Lujan Niemeyer, M., Lee, H., MacQueen, P., Mawatari, K., McKay, B., Ouchi, M., Poppe, J., Saito, S., Schneider, D.P., Snigula, J., Thomas, B.P., Tuttle, S., Weiss, L., Wisotzki, L., Zhang, Y.C., & The HETDEX Collaboration

submitted to *Astrophysical Journal*

7. “The HETDEX Survey: Emission Line Exploration and Source Classification”
Davis, D., Gebhardt, K., Mentuch Cooper, E., Fabricius, M., Farrow, D.J., Feldmeier, J.J., Finkelstein, S., **Gawiser, E.**, Grounwall, C., Hill, G.J., Hopp, U., House, L., Jeong, D., Kollat, W., Komatsu, E., Liu, C., Saito, S., Tuttle, S., Wold, I.G., Zeimann, G. & Zhang, Y.C.

submitted to *Astrophysical Journal*

8. “Identifying Active Galactic Nuclei at z~3 from the HETDEX Survey Using Machine Learning”
Tardugno Poleo, V., Finkelstein, S., Leung, G., Mentuch Cooper, E., Gebhardt, K., Farrow, D., **Gawiser, E.**, Zeimann, G., Schneider, D., Morabito, L., & Mock, D.

submitted to *Astrophysical Journal*

9. “A spatially resolved analysis of star-formation burstiness by comparing UV and Hα in galaxies at z ~1 with UVCANDELS”
Mehta, V., Teplitz, H.I., Scarlata, C., Wang, X., Alavi, A., Colbert, J., Rafelski, M., Grogin, N., Koekemoer, A., Prichard, L., Windhorst, R., Barber, J.M., Conselice, C.J., Dai, Y.S., Gardner, J.P., **Gawiser, E.**, Guo, Y., Hathi, N., Arrabal Haro, P., Hayes, M., Iyer, K.G., Jansen, R.A., Ji, Z., Kurczynski, P., Kuschel, M., Lucas, R.A., Mantha, K., O’Connell, R.W., Ravindranath, S., Robertson, B., Rutkowski, M., Siana, B., & Yung, L.Y.A.

submitted to *Astrophysical Journal*, arXiv:2211.02056

10. “A Joint Roman Space Telescope and Rubin Observatory Synthetic Wide-Field Imaging Survey”
Troxel, M.A., Lin, C., Park, A., Hirata, C., Mandelbaum, R., Jarvis, M., Choi, A., Givans, J., Higgins, M., Sanchez, B., Yamamoto, M., Awan, H., Chiang, J., Walter, C.W., Cohen-Tanugi, J., **Gawiser, E.**, Hearin, A., Heitmann, K., Ishak, M., Kovacs, E., Mao, Y.-Y., Wood-Vasey, M., & LSST Dark Energy Science Collaboration

submitted to *Monthly Notices of the Royal Astronomical Society*

**Refereed Journal Publications**

*157. “Improved Measurements of Galaxy Star Formation Stochasticity from the Intrinsic Scatter of Burst Indicators”
Broussard, A., **Gawiser, E.** & Iyer, K.G.
*Astrophysical Journal* 939, 35 (2022) [12 pages]

156. “Investigating the Dominant Environmental Quenching Process in UVCANDELS/COSMOS Groups”
Kuschel, M., Scarlata, C., Mehta, V., Teplitz, H.I., Rafelski, M., Wang, X., Sunnquist, B., Prichard, L., Grogin, N., Windhorst, R., Rutkowski, M., Alavi, A., Chartab, N., Conselice, C.J., Dai, Y.S., **Gawiser, E.**, Giavalisco, M., Arrabal Haro, P., Hathi, N., Jansen, R., Ji, Z., Koekemoer, A., Lucas,
R.A., Mantha, K., Mobasher, B., O'Connell, R.W., Robertson, B., Sattari, Z., Yung, L.Y.A., Dave, R., DeMello, D., Dickinson, M., Ferguson, H., Finkelstein, S.L., Haybe, M., Howell, J., Kaviraj, S., Mackenty, J.W. & Siana, B.

Astrophysical Journal, in press, arXiv:2205.12169

155. “CEERS Key Paper III: The Resolved Host Properties of AGN at 3 ≤ z ≤ 5 with JWST”
Kocevski, D.D., Barro, G., McGrath, E.J., Finkelstein, S.L., Bagley, M.B., Ferguson, H.C., Jogee, S., Yang, G., Dickinson, M., Hathi, N.P., Backhaus, B.E., Bell, E.F., Bisigello, L., Buat, V., Burgarella, D., Casey, C.M., Cleri, N.J., Cooper, M.C., Constantin, L., Croton, D., Daddi, E., Fontana, A., Fujimoto, S., Gardner, J.P., Gawiser, E., Giavalisco, M., Grazian, A., Grogin, N.A., Guo, Y., Arrabal Haro, P., Hirschmann, M., Holwerda, B.W., Huertas-Company, M., Hutchinson, T.A., Iyer, K.G, Jones, B., Juneau, S., Kartaltepe, J.S., Kewley, L.J., Kirkpatrick, A., Koekemoer, A.M., Kurczynski, P., Le Bail, A., Long, A.S., Lotz, J.M., Lucas, R.A., Papovich, C., Pentericci, L., Perez-Gonzalez, P.G., Pirzkal, N., Rafelski, M., Ravindranath, S., Somerville, R.S., Straughn, A.N., Tacchella, S., Trump, J.R., Wilkins, S.M., Wuyts, S. Yung, L.Y.A. & Zavala, J.A.

Astrophysical Journal Letters, in press, arXiv:2208.14480

154. “The Active Galactic Nuclei in the Hobby-Eberly Telescope Dark Energy Experiment Survey (HETDEX) III. An AGN With Extremely High Equivalent Width”
Liu, C., Gebhardt, K., Kollatschny, W., Ciardullo, R., Mentuch Cooper, E., Davis, D., Farrow, D.J., Finkelstein, S.L., Gawiser, E., Gronwall, C., Hill, G.J., House, L., Schneider, D.P., Urrutia, T. & Zeimann, G.

Astrophysical Journal, in press, arXiv:2210.12679

153. “Optimized Photometric Redshifts for the Cosmic Assembly Near-Infrared Deep Extragalactic Legacy Survey (CANDELS)”
Kodra, D., Andrews, B.H., Newman, J.A., Finkelstein, S., Fontana, A., Habi, N., Salvato, M., Wiklind, T., Wuyts, S., Broussard, A., Chartab, N., Conselice, C., Cooper, M.C., Dekel, A., Dickinson, M., Ferguson, H.C., Gawiser, E., Grogin, N.A., Iyer, K., Kartaltepe, J., Kassin, S., Koekemoer, A.M., Koo, D.C., Lucas, R.A., Bharadway Mantha, K., McIntosh, D.H., Mobasher, B., Pacific, C., Perez-Gonzalez, P.G. & Santini, P.

Astrophysical Journal, in press, arXiv:2210.01140

152. “A Long Time Ago in a Galaxy Far, Far Away: A Candidate z ∼12 Galaxy in Early JWST CEERS Imaging”
Finkelstein, S.L., Bagley, M.B., Arrabal Haro, P., Dickinson, M., Ferguson, H.C., Kartaltepe, J.S., Papovich, C., Burgarella, D., Kocevski, D.D., Huertas-Company, M., Iyer, K.G., Koekemoer, A.M., Larson, R.L., Perez-Gonzalez, P.G., Rose, C., Tacchella, S., Wilkins, S.M., Chworowsky, K., Medrano, A., Moales, A.M., Somerville, R.S., Yung, L.Y.A., Fontana, A., Giavalisco, M., Grazian, A., Grogin, N.A., Kewley, L.J., Kirkpatrick, A., Kurczynski, P., Lotz, J.M., Pentericci, L., Pirzkal, N., Ravindranath, S., Ryan, R.E., Trump, J.R., Yang, G., Almaini, O., Amorin, R.O., Annunziatella, M., Backhaus, B.E., Barro, G., Behroozi, P., Bell, E.F., Bhatawdekar, R., Bisigello, L., Bronm, V., Buat, V., Buitrago, F., Calabro, A., Casey, C.M., Castellano, M., Chavez Ortiz, O.A., Ciesla, L., Cleri, N.J., Cohen, S.H., Cole, J.W., Cooke, K.C., Cooper, M.C., Cooray, A.R., Constantin, L., Cox, I.G., Croton, D., Daddi, E., Dave, R., de la Vega, A., Dekel, A., Elbaz, D., Estrada-Carpenter, V., Faber, S.M., Fernandez, V., Finkelstein, K.D., Freundlich, J., Fujimoto, S., Garcia-Argumanez, A., Gardner, J.P., Gawiser, E., Gomez-Guijarro, C., Guo, Y., Hamblin, K., Hamilton, T.S., Hathi, N.P., Hirschmann, M., Holwerda, B.W., Hutchinson, T.A., Jha, S.W., Jogee, S., Juneau, S., Jung, I., Kassin, S.A., Le Bail, A., Leung, G.C.K., Lucas, R.A., Magnelli, B.,
Mantha, K.B., Matharu, J., McGrath, E.J., McIntosh, D.H., Merline, E., Mobasher, B., Newman, J.A., Nicholls, D.C., Pandya, V., Rafelski, M., Ronayne, K., Santini, P., Seille, L.-M., Shah, E.A., Shen, L., Simons, R.C., Snyder, G.F., Stanway, E.R., Straughn, A.N., Teplitz, H.I., Vanderhoof, B.N., Vega-Ferrero, J., Wang, W., Weiner, B.J., Willmer, C.N.A., Wuyts, S. & Zavala, J.A.

*Astrophysical Journal Letters*, in press, arXiv:2207.12474

151. “Stellar Populations of Lyα Emitting Galaxies in the HETDEX Survey I: An Analysis of LAEs in the GOODS-N Field”
Mc Carron, A.P., Finkelstein, S.L., Chavez Oriz, O.A., Davis, D., Mentuch Cooper, E., Jung, I., White, D.R., Leung, G.C.K., Gebhardt, K., Acquaviva, V., Bowman, W.P., Ciardullo, R., Gawiser, E., Gronwall, C., Hill, G.J., Kollatschny, W., Landriau, M., Liu, X., Mock, D.N. & Sanchez, A.G.

*Astrophysical Journal 936*, 131 (2022) [23 pages]

150. “The Impact of Observing Strategy on Cosmological Constraints with LSST”
Lochner, M., Scolnic, D., Almoubayyed, H., Anguita, T., Awan, H., Gawiser, E., Gontcho A Gontcho, S., Gris, P., Huber, S., Jia, S.W., Jones, R.L., Kim, A.G., Mandelbaum, R., Marshall, P., Petrushevska, T., Regnault, N., Setzer, C.N., Suyu, S.H., Yoachim, P., Biswas, R., Blaineau, T., Hook, I., Moniez, M., Neilson, E., Peiris, H., Rothchild, D., Stubb, C. & The LSST Dark Energy Science Collaboration

*Astrophysical Journal Supplements 259*, 58 (2022) [35 pages]

149. “LADUMA: Discovery of a luminous OH megamaser at z > 0.5”
Glowacki, M., Collier, J.D., Kazemi-Moridani, A., Frank, B., Roberts, H., Darling, J., Klockner, H.-R., Adams, N., Baker, A.J., Bershadly, M., Blecher, T., Bluffy, T., Bowler, R., Catinella, B., Chemin, L., Crawford, D.M., Cress, C., Dave, ., Deane, R., de BBlok, E., Dehaize, J., Duncan, K., Elson, E., February, S., Gawiser, E., Hatfield, P., Healy, J., Henning, P., Hess, K., Heywood, I., Holwerda, B.W., Hoosain, M., Hughes, J.P., Hutchens, Z.L., Jarvis, M., Kannappan, S., Katz, N., Keres, D., Korsaga, M., Kraan-Korteweg, R.C., Lah, P., Lochner, M., Maddox, N., Makkhathini, S., Meurer, G.R., Meyer, M., Obreschkow, D., Oh, S.-H., Oosterloo, T., Opp, J., Pan, H., Pisano, D.J., Randriamarinaivo, N., Ravindranath, S., Schroder, A.C., Skelton, R., Smirnov, O., Smith, M., Somerville, R.S., Srianand, R., Staveley-Smith, L., Tanaka, M., Vaccari, M., van Driel, W., Verheijen, M., Walter, F., Wu, J.F. & Zwaan, M.A.

*Astrophysical Journal Letters 931*, L7 (2022) [8 pages]

148. “Surface Brightness Profile of Lyman α Halos out to 320 kpc in HETDEX”
Lujan Niemeyer, M.V.K., Komatsu, E., Byrohl, C., Davis, D., Fabricius, M., Gebhardt, K., Hill, G.J., Wisotzki, L., Bowman, W.P., Ciardullo, R., Farrow, D.J., Finkelstein, S.L., Gawiser, E., Gronwall, C., Jeong, D., Landriau, M., Liu, C., Mentuch Cooper, E., Ouchi, M., Schneider, D.P. & Zeimann, G.R.

*Astrophysical Journal 929*, 90 (2022) [11 pages]

147. “Optimization of the Observing Cadence for the Rubin Observatory Legacy Survey of Space and Time: a pioneering process of community-focused experimental design”
Bianco, F.B., Ivezic, Z., Jones, R.L., Graham, M.L., Marshall, P., Saha, A., Strauss, M.A., Yoachim, P., Ribeiro, T., Anguita, T., Bauer, F.E., Bellm, E.C., Blum, R.D., Brandt, W.N., Brough, S., Catelan, M., Clarkson, C., Connolly, A.J., Gawiser, E., Gizis, J., Hlozek, R., Kaviraj, S., Liu, C.T., Lochner, M., Mahabal, A.A., Mandelbaum, R., McGehee, P., Neilson, E.H., Olsen, K.A.G., Peiris, H., Rhodes, J., Richards, G.T., Ridgway, S., Schwamb, M.E., Scolnic, D., Shemmer, O., Slater, C.T., Slosar, A., Smartt, S.J., Strader, J., Street, R., Trilling, D.E., Verma, A., Vivas, A.K.,
Wechsler, R.H. & Willman, B.
*Astrophysical Journal Supplements* **258**, 1 (2022) [15 pages]

146. “Validating Synthetic Galaxy Catalogs for Dark Energy Science in the LSST Era”
Kovacs, E., Mao, Y.-Y., Agnena, M., Bahmannyar, A., Broussard, A., Butler, J., Campbell, D., Chang, C., Fu, S., Heitmann, K., Korytov, D., Lanusse, F., Larsen, P., Mandelbaum, R., Morrison, C.B., Payerne, C., Ricci, M., Rykoff, E., Sánchez, F.J., Sevilla-Noarbe, I., Simet, M., To, C.-H., Vikraman, V., Zhou, R., Avestruz, C., Benoist, C., Benson, A.J., Bleem, L., Diprrianoic, A., Combet, C., **Gawiser, E.**, He, S., Joseph, R., Newman, J.A., Prat, J., Schmidt, S., Slosar, A., Zuntz, J. & the LSST Dark Energy Science Collaboration
*Open Journal of Astrophysics* **5**, 1 (2022) [46 pages]

*145. “Using a Neural Network Classifier to Select Galaxies with the Most Accurate Photometric Redshifts”*
Broussard, A. & **Gawiser, E.**
*Astrophysical Journal* **922**, 153 (2021) [14 pages]

*144. “Simultaneous Estimation of Large-Scale Structure and Milky Way Dust Extinction from Galaxy Surveys”*
Bravo, M., **Gawiser, E.**, Padilla, N.D., DeRose, J., Wechsler, R.H., & The LSST Dark Energy Science Collaboration
*Astrophysical Journal* **921**, 108 (2021) [17 pages]

*143. “Star Formation Histories from SEDs and CMDs Agree: Evidence for Synchronized Star Formation in Local Volume Dwarf Galaxies over the Past 3 Gyr”*
Olsen, C., **Gawiser, E.**, Iyer, K., McQuinn, K.B.W., Johnson, B.D., Telford, G., Wright, A.C., Broussard, A. & Kurczynski, P.
*Astrophysical Journal* **913**, 45 (2021) [19 pages]

142. “The LSST-DESC 3x2pt Tomography Optimization Challenge”
Zuntz, J., Lanusse, F., Malz, A.I., Wright, A.H., Slosar, A., Abolfathi, B., Alonso, D., Bault, A., Bom, C.R., Brescia, M., Broussard, A., Campagne, J.-E., Cauvoti, S., Cypriano, E.S., Fraga, B.M.O., **Gawiser, E.**, Gonzalez, E.J., Green, D., Hatfield, P., Iyer, K., Kirkby, D., Nicola, A., Nourbakhsh, E., Park, A., Teixeira, G., Heitmann, K., Kovacs, E., Mao, Y.-Y. & the LSST Dark Energy Science Collaboration
*Open Journal of Astrophysics* **4**, 13 (2021) [30 pages]

141. “The Hobby-Eberly Telescope Dark Energy Experiment (HETDEX) Survey Design, Reductions, and Detections”
Gebhardt, K., Mentuch Cooper, E., Ciardullo, R., Acquaviva, V., Bender, R., Bowman, W.P., Catanheira, B.G., Dalton, G., Davis, D., de Jong, R.S., DePoy, D., Devarakonda, Y., Dongsheong, S., Drory, N., Fabricius, M., Farrow, D.J., Feldmeier, J., Finkelstein, S.L., Froning, C.S., **Gawiser, E.**, Gronwall, C., Herold, L., Hill, G.J., Hopp, U., House, L.R., Janowiecki, S., Jarvis, M., Jeong, D., Jogee, S., Kakuma, R., Kollattschny, W., Komatsu, E., Krumpe, M., Landriau, M., Liu, C., Lujan Niemeyer, J., MacQueen, P., Marshall, J., Mawatari, K., McLinden, E.M., Mukae, S., Nagaraj, G., Ono, Y., Ouchi, M., Papovich, C., Sakai, N., Saito, S., Schneider, D.P., Schulze, A., Shankmugandararaj, K., Shetrone, M., Snedden, C., Snigula, J., Steinmetz, M., Thomas, B., thomas, B., Tuttle, S., Uutia, T., Wisotzki, L., Wold, I., Zeimann, G. & Zhang, Y.
*Astrophysical Journal* **923**, 217 (2021) [39 pages]
140. “Correcting correlation functions for redshift-dependent interloper contamination”
Farrow, D., Sanchez, A., Ciardullo, R., Mentuch Cooper, E., Davis, D., Fabricius, M., Gawiser, E.,
Grasshorn Gebhardt, H.S., Gebhardt, K., Hill, G.J., Jeong, D., Komatsu, E., Landriau, M., Snigula,
J., Saito, SS. & Wold, I.G.B.
Monthly Notices of the Royal Astronomical Society 507, 3187-3206 (2021)

139. “First HETDEX Spectroscopic Determinations of Ly\(\alpha\) and UV Luminosity Functions at \(z = 2-3\):
Bridging a Gap between Faint AGN and Bright Galaxies”
Zhang, Y., Ouchi, M., Gebhardt, K., Mentuch Cooper, E., Liu, C., Davis, D., Jeong, D., Farrow, D.J.,
Finkelstein, S.L., Gawiser, E., Hill, G.J., Kakuma, R., Acquaviva, V., Casey, C.M., Fabricius,
M., Hopp, U., Jarvis, M., Landriau, M., Matawari, K., Mukae, S., Ono, Y., Sakai, N. & Schneider,
D.P.
Astrophysical Journal 922, 167 (2021) [19 pages]

138. “Detection of Lyman Continuum from 3.0 < \(z\) < 3.5 Galaxies in the HETDEX Survey”
Davis, D., Gebhardt, K., Mentuch Cooper, E., Chisholm, J., Ciardullo, R., Farrow, D.J., Finkelstein,
S.L., Gronwall, C., Gawiser, E., Hill, G.J., Hopp, U., Jeong, D., Landriau, M., Liu, C., Lujan
Niemyer, M., Schneider, D.P., Snigula, J., & Tuttle, S.
Astrophysical Journal 920, 122 (2021) [16 pages]

137. “HETDEX [O III] Emitter I: A spectroscopically selected low-redshift population of low-mass,
low-metallicity galaxies”
Indahl, B., Zeimann, G., Hill, G.J., Bowman, W.P., Ciardullo, R., Drory, N., Gawiser, E., Hopp, U.,
Janowiecki, S., Boylan-Kolchin, M., Mentuch Cooper, E., Davis, D., Farrow, D., Finkelstein, S.,
Gronwall, C., Kelz, A., McQuinn, K.B.W., Schneider, D.P. & Tuttle, S.E.
Astrophysical Journal 916, 11 (2021) [24 pages]

136. “The HETDEX Survey: The Ly\(\alpha\) Escape Fraction from 3D-HST Emission Line Galaxies at \(z \sim 2\)”
Weiss, L.H., Bowman, W.P., Ciardullo, R., Zeimann, G.R., Gronwall, C., Mentuch Cooper, E., Gebhardt,
K., Hill, G.J., Blanc, G.A., Farrow, D.J., Finkelstein, S.L., Gawiser, E., Janowiecki, S., Jogee, S.,
Schneider, D.P., & Wisotzki, L.
Astrophysical Journal 912, 100 (2021) [15 pages]

135. “The LSST DESC DC2 Simulated Sky Survey”
LSST Dark Energy Science Collaboration, Abolfathi, B., Alonso, D., Armstrong, R., Aubourg, E.,
Awan, H., Babuji, Y.N., Bauer, F.E., Bean, R., Becket, G., Biswas, R., Bogart, J.R., Boutigny,
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*90. “The Panchromatic Hubble Ultra Deep Field: Ultraviolet Coverage”
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