

Alice E. Shapley: Publications

1. “The Kinematics of Multiple-Peaked Ly α Emission in Star-forming Galaxies at $z \sim 2 - 3$.” K. R. Kulas, A. E. Shapley, J. A. Kollmeier, Z. Zheng, C. C. Steidel, K. N. Hainline. 2011, *The Astrophysical Journal*, submitted (astro-ph/1107.4367).
2. “The metallicity dependence of the CO \rightarrow H $_2$ conversion factor in $z > 1$ star forming galaxies.” R. Genzel, L. J. Tacconi, F. Combes, A. Bolatto, R. Neri, A. Sternberg, M. C. Cooper, N. Bouche, F. Bournaud, A. Burkert, J. Comerford, P. Cox, M. Davis, N. M. Förster Schreiber, S. Garcia-Burillo, J. Gracia-Carpio, D. Lutz, T. Naab, S. Newman, A. Saintonge, K. L. Shapiro, A. E. Shapley, B. Weiner. 2011, *The Astrophysical Journal*, submitted (astro-ph/1106.2098).
3. “An HST/WFC3-IR Morphological Survey of Galaxies at $z = 1.5 - 3.6$: I. Survey Description and Morphological Properties of Star Forming Galaxies.” D. R. Law, C. C. Steidel, A. E. Shapley, S. R. Nagy, N. A. Reddy, D. K. Erb. 2011, *The Astrophysical Journal*, submitted (astro-ph/1107.3137).
4. “Constraints on the Assembly and Dynamics of Galaxies: II. Properties of kiloparsec-scale clumps in rest-frame optical emission of $z \sim 2$ star-forming galaxies.” N. M. Förster Schreiber, A. E. Shapley, R. Genzel, N. Bouche, G. Cresci, R. Davies, D. K. Erb, S. Genel, D. Lutz, S. Newman, K. L. Shapiro, C. C. Steidel, A. Sternberg, L. J. Tacconi. 2011, *The Astrophysical Journal*, accepted (astro-ph/1104.0248).
5. “Physical Properties of Galaxies from $z = 2 - 4$.” A. E. Shapley. 2011, *Annual Review of Astronomy and Astrophysics*, 49, 525.
6. “The Origin of [OII] Emission in Recently Quenched AGN Hosts.” D. D. Kocevski, B. C. Lemaux, L. M. Lubin, A. E. Shapley, R. R. Gal, G. K. Squires. 2011, *The Astrophysical Journal Letters*, 737, 38.
7. “Diffuse Lyman Alpha Emitting Halos: A Generic Property of High Redshift Star Forming Galaxies.” C. C. Steidel, M. Bogosavljevic, A. E. Shapley, J. A. Kollmeier, N. A. Reddy, D. K. Erb, M. Pettini. 2011, *The Astrophysical Journal*, 736, 160.
8. “Narrowband imaging of Escaping Lyman-Continuum Emission in the SSA22 Field.” D. B. Nestor, A. E. Shapley, C. C. Steidel, B. Siana. 2011, *The Astrophysical Journal*, 736, 18.
9. “The Mass-Radius Relation for Star-forming Galaxies at $z \sim 1.5 - 3.0$.” S. R. Nagy, D. R. Law, A. E. Shapley, C. C. Steidel. 2011, *The Astrophysical Journal Letters*, 735, 19.
10. “The Rest-Frame Ultraviolet Spectra of UV-Selected Active Galactic Nuclei at $z \sim 2-3$.” K. N. Hainline, A. E. Shapley, J.E. Greene, C. C. Steidel. 2011, *The Astrophysical Journal*, 733, 31.
11. “Constraints on the Assembly and Dynamics of Galaxies: I. Detailed Rest-frame Optical Morphologies on Kiloparsec Scales at $z \sim 2$.” N. M. Förster Schreiber, A. E. Shapley, D. K. Erb, R. Genzel, C. C. Steidel, N. Bouche, G. Cresci, R. Davies. 2011, *The Astrophysical Journal*, 731, 65.

12. “A study of the gas-star formation relation over cosmic time.” R. Genzel, L. J. Tacconi, J. Gracia-Carpio, A. Sternberg, M. C. Cooper, K. Shapiro, A. Bolatto, N. Bouche, F. Bournaud, A. Burkert, F. Combes, J. Comerford, P. Cox, M. Davis, N. M. Förster Schreiber, S. Garcia-Burillo, D. Lutz, T. Naab, R. Neri, A. Omont, A. E. Shapley, B. Weiner. 2010, *Monthly Notices of the Royal Astronomical Society*, 407, 2091.
13. “Excess AGN Activity in the $z = 2.30$ Protocluster in HS 1700+64.” J. A. Digby-North, K. Nandra, E. S. Laird, C. C. Steidel, A. Georgakakis, M. Bogosavljevic, D. K. Erb, A. E. Shapley, N. A. Reddy, J. Aird. 2010, *Monthly Notices of the Royal Astronomical Society*, 407, 846.
14. “Mid-Infrared Spectroscopy of Two Lensed Star-forming Galaxies.” R. Fadely, S. S. Allam, A. J. Baker, H. Lin, D. Lutz, A. E. Shapley, M-S. Shin, J. Allyn Smith, M. A. Strauss, D. L. Tucker. 2010, *The Astrophysical Journal*, 723, 729.
15. “Physical Conditions in a Young, Unreddened, Low-metallicity Galaxy at High Redshift.” D. K. Erb, M. Pettini, A. E. Shapley, C. C. Steidel, D. R. Law, N. A. Reddy. 2010, *The Astrophysical Journal*, 719, 1168.
16. “The Structure and Kinematics of the Circum-Galactic Medium from Far-UV Spectra of $z \sim 2 - 3$ Galaxies.” C. C. Steidel, D. K. Erb, A. E. Shapley, M. Pettini, N. A. Reddy, M. Bogosavljevic, G. C. Rudie, O. Rakic. 2010, *The Astrophysical Journal*, 717, 289.
17. “The Origin of [OII] in Post-Starburst and Red-sequence Galaxies in High Redshift Clusters.” B. C. Lemaux, L. M. Lubin, A. E. Shapley, D. Kocevski, R. R. Gal, G. Squires. 2010, *The Astrophysical Journal*, 716, 970.
18. “Dust Obscuration and Metallicity at High Redshift: New Inferences from UV, $H\alpha$, and $8\mu\text{m}$ Observations of $z \sim 2$ Star-forming Galaxies.” N. A. Reddy, D. K. Erb, M. Pettini, C. C. Steidel, A. E. Shapley. 2010, *The Astrophysical Journal*, 712, 1070.
19. “A Study of Interstellar Gas and Stars in the Gravitationally Lensed Galaxy ‘The Cosmic Eye’ from Rest-Frame Ultraviolet Spectroscopy.” A. M. Quider, A. E. Shapley, M. Pettini, C. C. Steidel, D. P. Stark. 2010, *Monthly Notices of the Royal Astronomical Society*, 402, 1467.
20. “The Relationship Between Stellar Populations and Ly α Emission in Lyman Break Galaxies.” K. A. Kornei, A. E. Shapley, D. K. Erb, C. C. Steidel, N. A. Reddy, M. Pettini, M. Bogosavljevic. 2010, *The Astrophysical Journal*, 711, 693.
21. “High molecular gas fractions in normal massive star-forming galaxies in the young Universe.” L. J. Tacconi, R. Genzel, R. Neri, P. Cox, M. C. Cooper, K. Shapiro, A. Bolatto, N. Bouche, F. Bournaud, A. Burkert, F. Combes, J. Comerford, M. Davis, N. M. Förster Schreiber, S. Garcia-Burillo, J. Gracia-Carpio, D. Lutz, T. Naab, A. Omont, A. E. Shapley, A. Sternberg, B. Weiner. 2010, *Nature*, 463, 781.
22. “The SINS survey: SINFONI Integral Field Spectroscopy of $z \sim 2$ Star-forming Galaxies.” N. M. Förster Schreiber, R. Genzel, N. Bouche, R. Davies, P. Buschkamp, K. Shapiro, L. J. Tacconi, E. K. S Hicks, S. Genel, A. E. Shapley, D. K. Erb, C. C. Steidel, D. Lutz, F. Eisenhauer, S. Gillessen, A. Sternberg, A. Renzini, A. Cimatti, E. Daddi, J. Kurk, S. Lilly, X. Kong, M. D. Lehnert, N. Nesvadba, A. Verma, H. McCracken, N. Arimoto, M. Mignoli, M. Onodera. 2009, *The Astrophysical Journal*, 706, 1364.

23. “On the dependence between UV Luminosity and Ly α equivalent width in high-redshift galaxies.” K. K. Nilsson, O. Moller-Nilsson, P. Moller, J. P. U. Fynbo, A. E. Shapley. 2009, *Monthly Notices of the Royal Astronomical Society*, 400, 232.
24. “The ultraviolet spectrum of the gravitationally lensed galaxy ‘the Cosmic Horseshoe’: a close-up of a star-forming galaxy at $z \sim 2$.” A. M. Quider, M. Pettini, A. E. Shapley, C. C. Steidel. 2009, *Monthly Notices of the Royal Astronomical Society*, 398, 1263.
25. “The SINS Survey: Broad Emission Lines in High-Redshift Star-Forming Galaxies.” K. Shapiro, R. Genzel, E. Quataert, N. M. Förster Schreiber, R. Davies, L. J. Tacconi, L. Armus, N. Bouche, P. Buschkamp, A. Cimatti, G. Cresci, E. Daddi, F. Eisenhauer, D. K. Erb, S. Genel, E. K. S. Hicks, S. Lilly, D. Lutz, A. Renzini, A. E. Shapley, C. C. Steidel, A. Sternberg. 2009, *The Astrophysical Journal*, 701, 955.
26. “Rest-Frame Optical Spectra of Three Strongly Lensed Galaxies at $z \sim 2$.” K. N. Hainline, A. E. Shapley, K. A. Kornei, M. Pettini, E. Buckley-Geer, S. S. Allam, D. L. Tucker. 2009, *The Astrophysical Journal*, 701, 52.
27. “Dynamics of Galactic Disks and Mergers at $z \sim 1.6$: Spatially Resolved Spectroscopy with Keck Laser Guide Star Adaptive Optics.” S. A. Wright, J. E. Larkin, D. R. Law, C. C. Steidel, A. E. Shapley, D. K. Erb. 2009, *The Astrophysical Journal*, 699, 421.
28. “The Kiloparsec-scale Kinematics of High-redshift Star-forming Galaxies.” D. R. Law, C. C. Steidel, D. K. Erb, J. E. Larkin, M. Pettini, A. E. Shapley, S. A. Wright. 2009, *The Astrophysical Journal*, 697, 2057.
29. “The SINS Survey: Modeling the Dynamics of $z \sim 2$ Galaxies and the High- z Tully-Fisher Relation.” G. Cresci, E. K. S. Hicks, R. Genzel, R., N. M. Förster Schreiber, R. Davies, N. Bouche, P. Buschkamp, S. Genel, K. Shapiro, L. Tacconi, J. Sommer-Larsen, A. Burkert, F. Eisenhauer, O. Gerhard, D. Lutz, T. Naab, A. Sternberg, A. Cimatti, E. Daddi, D. K. Erb, K. Kurk, S. L., Lilly, A. Renzini, A. Shapley, C. C. Steidel, K. Caputi. 2009, *The Astrophysical Journal*, 697, 115.
30. “From Rings to Bulges: Evidence for Rapid Secular Galaxy Evolution at $z \sim 2$ from Integral Field Spectroscopy in the SINS Survey.” R. Genzel, A. Burkert, N. Bouche, G. Cresci, N. M. Förster Schreiber, A. E. Shapley, K. L. Shapiro, L. J. Tacconi, P. Buschkamp, A. Cimatti, E. Daddi, R. Davies, F. Eisenhauer, D. K. Erb, S. Genel, O. Gerhard, E. Hicks, D. Lutz, T. Naab, T. Ott, S. Rabien, A. Renzini, C. C. Steidel, A. Sternberg, S. J. Lilly. 2008, *The Astrophysical Journal*, 687, 59.
31. “Kinemetry of SINS High-Redshift Star-Forming Galaxies: Distinguishing Rotating Disks from Major Mergers.” K. L. Shapiro, R. Genzel, N. M. Förster Schreiber, L. J. Tacconi, N. Bouché, G. Cresci, R. Davies, F. Eisenhauer, P. H. Johansson, D. Krajnović, D. Lutz, T. Naab, N. Arimoto, S. Arribas, A. Cimatti, L. Colina, E. Daddi, O. Daigle, D. K. Erb, O. Hernandez, X. Kong, M. Mignoli, M. Onodera, A. Renzini, A. E. Shapley, C. C. Steidel. 2008, *The Astrophysical Journal*, 682, 231.
32. “Submillimeter Galaxies at $z \sim 2$: Evidence for Major Mergers & Constraints on Lifetimes, IMF and CO-H₂ Conversion Factor.” L. J. Tacconi, R. Genzel, I. Smail, R. Neri, S. C. Chapman, R. J. Ivison, A. Blain, P. Cox, A. Omont, F. Bertoldi, T. Greve, N. M. Förster

- Schreiber, S. Genel, D. Lutz, A. M. Swinbank, A. E. Shapley, D. K. Erb, A. Cimatti, E. Daddi, A. J. Baker. 2008, *The Astrophysical Journal*, 680, 236.
33. “The Varied Fates of $z \sim 2$ Star-forming Galaxies.” C. Conroy, A. E. Shapley, J. Tinker, M. R. Santos. 2008, *The Astrophysical Journal*, 679, 1192.
 34. “The Mass-Metallicity Relation and Physical Conditions in DEEP2 Star-forming Galaxies at $z \geq 1$.” X. Liu, A. E. Shapley, A. L. Coil, C.-P. Ma. 2008, *The Astrophysical Journal*, 678, 758.
 35. “Multi-Wavelength Constraints on the Cosmic Star Formation History from Spectroscopy: the Rest-Frame UV, H-alpha, and Infrared Luminosity Functions at Redshifts $1.9 < z < 3.4$.” N. A. Reddy, C. C. Steidel, M. Pettini, K. L. Adelberger, A. E. Shapley, D. K. Erb, M. Dickinson. 2008, *The Astrophysical Journal Supplement*, 175, 48.
item “Rest-Frame Ultraviolet to Near-Infrared Observations of an Interacting Lyman Break Galaxy at $z = 4.42$.” J. D. Younger, J.-S. Huang, G. G. Fazio, T. J. Cox, K. Lai, P. F. Hopkins, L. Hernquist, C. J. Papovich, L. Simard, L. Lin, Y.-W. Cheng, H. Yan, D. Keres, A. E. Shapley. 2007, *The Astrophysical Journal*, 671, 1241.
 36. “Dynamical Properties of $z \sim 2$ Star Forming Galaxies and a Universal Star Formation Relation.” N. Bouche, G. Cresci, R. Davies, F. Eisenhaur, N. M. Förster Schreiber, R. Genzel, S. Gillessen, M. Lehnert, D. Lutz, N. Nesvadba, K. L. Shapiro, A. Sternberg, L. J. Tacconi, A. Verma, A. Cimatti, E. Daddi, A. Renzini, D. K. Erb, C. C. Steidel, A. E. Shapley. 2007, *The Astrophysical Journal*, 671, 303.
 37. “The Sightline to Q2343-BX415: Clues to Galaxy Formation in a Quasar Environment.” S. A. Rix, M. Pettini, C. C. Steidel, N. A. Reddy, K. L. Adelberger, D. K. Erb, A. E. Shapley. 2007, *The Astrophysical Journal*, 670, 15.
 38. “Integral Field Spectroscopy of High-Redshift Star Forming Galaxies with Laser Guided Adaptive Optics: Evidence for Dispersion-Dominated Kinematics.” D. R. Law, C. C. Steidel, D. K. Erb, J. E. Larkin, M. Pettini, A. E. Shapley, S. A. Wright. 2007, *The Astrophysical Journal*, 669, 929.
 39. “Morphologies of Galaxies in and Around a Protocluster at $z = 2.300$.” A. H. G. Peter, A. E. Shapley, D. R. Law, C. C. Steidel, D. K. Erb, N. A. Reddy, M. Pettini. 2007, *The Astrophysical Journal*, 668, 23.
 40. “The Physical Nature of Rest-UV Galaxy Morphology During the Peak Epoch of Galaxy Formation.” D. R. Law, C. C. Steidel, D. K. Erb, M. Pettini, N. A. Reddy, A. E. Shapley, K. L. Adelberger, D. J. Simenc. 2007, *The Astrophysical Journal*, 656, 1.
 41. “A Spectroscopic Survey of Redshift $1.4 < z < 3.0$ Galaxies in the Goods-North Field: Survey Description, Catalogs, and Properties.” N. A. Reddy, C. C. Steidel, D. K. Erb, A. E. Shapley, M. Pettini. 2006, *The Astrophysical Journal*, 653, 1004.
 42. “The Direct Detection of Lyman-Continuum Emission From Star-forming Galaxies at $z \sim 3$.” A. E. Shapley, C. C. Steidel, M. Pettini, K. L. Adelberger, D. K. Erb. 2006, *The Astrophysical Journal*, 651, 688.
 43. “H- α Observations of a Large Sample of Galaxies at $z \sim 2$: Implications for Star Formation in High-Redshift Galaxies.” D. K. Erb, C. C. Steidel, A. E. Shapley, M. Pettini,

- N. A. Reddy, K. L. Adelberger. 2006, *The Astrophysical Journal*, 657, 128.
44. “The Stellar, Gas and Dynamical Masses of Star-forming Galaxies at $z \sim 2$.” D. K. Erb, C. C. Steidel, A. E. Shapley, M. Pettini, N. A. Reddy, K. L. Adelberger. 2006, *The Astrophysical Journal*, 646, 107.
 45. “SINFONI Integral Field Spectroscopy of $z \sim 2$ Galaxies: Rotation Curves and Metallicity Gradients.” N. M. Förster Schreiber, R. Genzel, M. D. Lehnert, N. Bouche, A. Verma, D. K. Erb, A. E. Shapley, C. C. Steidel, et al. 2006, *The Astrophysical Journal*, 645, 1062.
 46. “The Mass-Metallicity Relation at $z \geq 2$.” D. K. Erb, A. E. Shapley, M. Pettini, C. C. Steidel, N. A. Reddy, K. L. Adelberger. 2006, *The Astrophysical Journal*, 644, 813.
 47. “Star Formation and Extinction in Redshift $z \sim 2$ Galaxies: Inferences from *Spitzer* MIPS Observations.” N. A. Reddy, C. C. Steidel, D. Fadda, L. Yan, M. Pettini, A. E. Shapley, D. K. Erb, K. L. Adelberger. 2006, *The Astrophysical Journal*, 644, 792.
 48. “Chemical Abundances of DEEP2 Star-forming Galaxies at $z \sim 1.0-1.5$.” A. E. Shapley, A. L. Coil, C.-P. Ma, K. Bundy. 2005, *The Astrophysical Journal*, 635, 1006.
 49. “A Census of Optical and Near-Infrared Selected Star-Forming and Passively Evolving Galaxies at Redshift $z \sim 2$.” N. A. Reddy, D. K. Erb, C. C. Steidel, A. E. Shapley, K. L. Adelberger, M. Pettini. 2005, *The Astrophysical Journal*, 633, 748.
 50. “The Connection Between Galaxies and Intergalactic Absorption Lines at Redshift $2 < z < 3$.” K. L. Adelberger, A. E. Shapley, C. C. Steidel, M. Pettini, D. K. Erb, N. A. Reddy. 2005, *The Astrophysical Journal*, 629, 636.
 51. “Ultraviolet to Mid-Infrared Observations of Star-forming Galaxies at $z \sim 2$: Stellar Masses and Stellar Populations.” A. E. Shapley, C. C. Steidel, D. K. Erb, N. A. Reddy, K. L. Adelberger, M. Pettini, P. Barmby, J. Huang. 2005, *The Astrophysical Journal*, 626, 698.
 52. “Spectroscopic Identification of a Protocluster at $z = 2.300$: Environmental Dependence of Galaxy Properties at High Redshift.” C. C. Steidel, K. L. Adelberger, A. E. Shapley, D. K. Erb, N. A. Reddy, M. Pettini. 2005, *The Astrophysical Journal*, 626, 44.
 53. “Strong Spatial Clustering of Ultraviolet-selected Galaxies with Magnitude $K_s < 20.5$ and Redshift $z \sim 2$.” K. L. Adelberger, D. K. Erb, C. C. Steidel, N. A. Reddy, M. Pettini, A. E. Shapley. 2005, *The Astrophysical Journal Letters*, 620, 75.
 54. “The Spatial Clustering of Star-forming Galaxies at Redshifts $1.4 \leq z \leq 3.5$.” K. L. Adelberger, C. C. Steidel, D. K. Erb, N. A. Reddy, A. E. Shapley, M. Pettini. 2005, *The Astrophysical Journal*, 619, 697.
 55. “Deep mid-infrared observations of Lyman-break galaxies.” P. Barmby, J.-S. Huang, G. G. Fazio, J. A. Surace, R. G. Arendt, J. L. Hora, M. A. Pahre, K. L. Adelberger, P. Eisenhardt, D. K. Erb, M. Pettini, W. T. Reach, N. A. Reddy, A. E. Shapley, C. C. Steidel, D. Stern, Z. Wang, S. P. Willner. 2004, *The Astrophysical Journal Supplement*, 154, 97.

56. "Evidence for Solar Metallicities in Star-forming Galaxies at $z \geq 2$." A. E. Shapley, D. K. Erb, M. Pettini, C. C. Steidel, & K. L. Adelberger. 2004, *The Astrophysical Journal*, 612, 108.
57. "The Kinematics of Morphologically Selected $z \sim 2$ Galaxies in the GOODS-North Field." D. K. Erb, C. C. Steidel, A. E. Shapley, M. Pettini & K. L. Adelberger. 2004, *The Astrophysical Journal*, 612, 122.
58. "Optical Selection of Galaxies at Redshifts $1 < z < 3$." K. L. Adelberger, C. C. Steidel, A. E. Shapley, M. P. Hunt, D. K. Erb, N. A. Reddy, & M. Pettini. 2004, *The Astrophysical Journal*, 607, 226.
59. "The Faint End of the QSO Luminosity Function at $z = 3$." M. P. Hunt, C. C. Steidel, K. L. Adelberger, & A. E. Shapley. 2004, *The Astrophysical Journal*, 605, 625.
60. "Spectroscopy of Star-forming Galaxies in the $1.4 \leq z \leq 2.5$ 'Redshift Desert' with Keck/LRIS-B." C. C. Steidel, A. E. Shapley, M. Pettini, K. L. Adelberger, D. K. Erb, N. A. Reddy, & M. P. Hunt. 2004, *The Astrophysical Journal*, 604, 534.
61. "Lyman Break Galaxies at Redshift $z \sim 3$: Survey Description and Full Data Set." C. C. Steidel, K. L. Adelberger, A. E. Shapley, M. Pettini, M. Dickinson, & M. Giavalisco. 2003, *The Astrophysical Journal*, 592, 728.
62. "H α Spectroscopy of Galaxies at $z > 2$: Kinematics and Star Formation." D. K. Erb, A. E. Shapley, C. C. Steidel, M. Pettini, K. L. Adelberger, M. P. Hunt, A. F. M. Moorwood, & J. G. Cuby. 2003, *The Astrophysical Journal*, 591, 101.
63. "Rest-frame Ultraviolet Spectra of $z \sim 3$ Lyman Break Galaxies." A. E. Shapley, C. C. Steidel, M. Pettini, & K. L. Adelberger. 2003, *The Astrophysical Journal*, 588, 65.
64. "Galaxies and Intergalactic Matter at Redshift $z \sim 3$ I: Overview." K. L. Adelberger, C. C. Steidel, A. E. Shapley, & M. Pettini. 2003, *The Astrophysical Journal*, 584, 45.
65. "The Canada-United Kingdom Deep Submillimeter Survey. V. The Submillimeter Properties of Lyman Break Galaxies." T. M. Webb, S. Eales, S. Foucaud, S. J. Lilly, H. McCracken, K. L. Adelberger, C. C. Steidel, A. E. Shapley, D L. Clements, L. Dunne, O. Le Fèvre, M. Brodwin, W. Gear. 2003, *The Astrophysical Journal*, 582, 6.
66. "The Population of Faint Optically-Selected AGN at $z \sim 3$." C. C. Steidel, M.P. Hunt, A.E. Shapley, K.L. Adelberger, M. Pettini, M. Dickinson, & M. Giavalisco. 2002, *The Astrophysical Journal*, 576, 653.
67. "Westphal-MMD 11: An Interacting, Submillimeter Luminous Lyman Break Galaxy." S. C. Chapman, A. E. Shapley, & C. C. Steidel. 2002, *The Astrophysical Journal Letters*, 572, L1.
68. "The Kinematic Connection between absorbing Gas toward QSOs and Galaxies at Intermediate Redshift." C. C. Steidel, J. A. Kollmeier, A. E. Shapley, C. W. Churchill, M. Pettini, & M. Dickinson. 2002, *The Astrophysical Journal*, 570, 526.
69. "New Observations of the Interstellar Medium in the Lyman Break Galaxy MS 1512-cB58." M. Pettini, S. A. Rix, C. C. Steidel, K. L. Adelberger, M. P. Hunt, & A. E. Shapley. 2002, *The Astrophysical Journal*, 569, 742.

70. “A Multivariate Statistical Analysis of Spiral Galaxy Luminosities. II. Morphology-dependent Multiwavelength Emission Properties.” G. Fabbiano & A. E. Shapley. 2002, *The Astrophysical Journal*, 565, 908.
71. “MS 1512-cB58: A case study of star formation, metal enrichment and superwinds in Lyman break galaxies.” M. Pettini, S. A. Rix, C. C. Steidel, A. E. Shapley, & K. L. Adelberger. 2002, *Astrophysics & Space Science*, 281, 461.
72. “The Rest-Frame Optical Properties of $z \simeq 3$ Galaxies.” A. E. Shapley, C. C. Steidel, K. L. Adelberger, M. Dickinson, M. Giavalisco, & M. Pettini. 2001, *The Astrophysical Journal*, 562, 95.
73. “A Multivariate Statistical Analysis of Spiral Galaxy Luminosities. I. Data and Results.” A. E. Shapley, G. Fabbiano, & P. B. Eskridge. 2001, *The Astrophysical Journal Supplement*, 137, 139.
74. “The Farthest Known Supernova: Support for an Accelerating Universe and a Glimpse of the Epoch of Deceleration.” A. G. Riess, P. E. Nugent, R. L. Gilliland, B. P. Schmidt, J. Tonry, M. Dickinson, R. I. Thompson, T. Budavari, S. Casertano, A. S. Evans, A. V. Filippenko, M. Livio, D. B. Sanders, A. E. Shapley, H. Spinrad, C. C. Steidel, D. Stern, J. Surace, & S. Veilleux. 2001, *The Astrophysical Journal*, 560, 49.
75. “The Rest-Frame Optical Spectra of Lyman Break Galaxies: Star Formation, Extinction, Abundances, and Kinematics.” M. Pettini, A. E. Shapley, C. C. Steidel, J. G. Cuby, M. Dickinson, A. F. Moorwood, K. L. Adelberger, & M. Giavalisco. 2001, *The Astrophysical Journal*, 554, 981.
76. “An Imaging and Spectroscopic Study of the $z_{abs} = 3.38639$ Damped Ly α System in Q0201+1120: Clues to Star Formation at High Redshift.” S. L. Ellison, M. Pettini, C. C. Steidel, & A. E. Shapley. 2001, *The Astrophysical Journal*, 549, 770.
77. “Submillimeter Imaging of a Protocluster Region at $z=3.09$.” S. C. Chapman, G. F. Lewis, D. Scott, E. Richards, C. C. Steidel, K. L. Adelberger, & A. E. Shapley. 2001, *The Astrophysical Journal Letters*, 548, 17.
78. “The Unusual Infrared Object HDF-N J123656.3+621322.” M. Dickinson, C. Hanley, R. Elston, P. R. Eisenhardt, S. A. Stanford, K. L. Adelberger, A. E. Shapley, C. C. Steidel, C. Papovich, A. S. Szalay, M. Bershad, C. J. Conselice, H. C. Ferguson, & A. S. Fruchter. 2000, *The Astrophysical Journal*, 531, 624.
79. “Si and Mn Abundances in Damped Ly α Systems with Low Dust Content.” M. Pettini, S. L. Ellison, C. C. Steidel, A. E. Shapley, & D. V. Bowen. 2000, *The Astrophysical Journal*, 532, 65.
80. “Ly α Imaging of a Proto-Cluster Region at $\langle z \rangle = 3.09$.” C. C. Steidel, K. L. Adelberger, A. E. Shapley, M. Pettini, M. Dickinson, & M. Giavalisco. 2000, *The Astrophysical Journal*, 532, 170.