

Publications

Refereed Journals

- 1) *The Spectrum of a QSO With $z=3.803$*
W. L. W. Sargent, A. V. Filippenko, C. C. Steidel, C. Hazard, and R. G. McMahon 1986, *Nature*, **322**, 40.
- 2) *The Effect of the Lyman Alpha Forest on the Ultraviolet Continua of Very High Redshift Quasars*
C. C. Steidel and W. L. W. Sargent 1987, *Ap. J.*, **313**, 171.
- 3) *A New Upper Limit on the Density of Generally Distributed Intergalactic Neutral Hydrogen*
C. C. Steidel and W. L. W. Sargent 1987, *Ap. J. (Letters)*, **318**, L11.
- 4) *Absorption in the Wide QSO Pair Tol 1037–2704/Tol 1038–2712: Evidence for a Specially Aligned Supercluster at $z=2$?*
W. L. W. Sargent and C. C. Steidel 1987, *Ap. J.*, **322**, 142.
- 5) *C IV Absorption in a New Sample of 55 QSOs: Evolution and Clustering of the Heavy Element Absorption Redshifts*
W. L. W. Sargent, A. Boksenberg, and C. C. Steidel 1988, *Ap. J. Suppl.*, **68**, 539.
- 6) *Mg II Absorption in the Spectra of High and Low Redshift QSOs*
W. L. W. Sargent, C. C. Steidel, and A. Boksenberg 1988, *Ap. J.*, **334**, 22.
- 7) *QSO Absorption Lines and the Timescale for Initial Heavy Element Enrichment in Galaxies*
C. C. Steidel, W. L. W. Sargent, and A. Boksenberg 1988, *Ap. J. (Letters)*, **333**, L5.
- 8) *A Survey of Lyman Limit Absorption in the Spectra of 59 High Redshift QSOs*
W. L. W. Sargent, C. C. Steidel, and A. Boksenberg 1989, *Ap. J. Suppl.*, **69**, 703.
- 9) *QSO Heavy Element Absorption Systems and the Nature of the Metagalactic Ionizing Flux at High Redshift*
C. C. Steidel and W. L. W. Sargent 1989, *Ap. J. (Letters)*, **343**, L33.
- 10) *A High Redshift Extension of the Survey for C IV Absorption in the Spectra of QSOs: The Redshift Evolution of the Heavy Element Absorbers*
C. C. Steidel, 1990, *Ap. J. Suppl.*, **72**, 1 .
- 11) *The Lyman Limit Absorption System in the Spectrum of PKS 2126-158: Heavy Element Abundance at High Redshift*
W. L. W. Sargent, C. C. Steidel, and A. Boksenberg 1990, *Ap. J.*, **351**, 364.
- 12) *Further Spectra of the Close QSO Pair Q1548+114A, B*
W. L. W. Sargent and C. C. Steidel 1990, *Pub. A. S. P.*, **101**, 962.
- 13) *The Properties of Lyman Limit Absorbing Clouds at $z=3$: Physical Conditions in the Extended Gaseous Halos of High Redshift Galaxies*
C. C. Steidel 1990, *Ap. J. Suppl.*, **74**, 37.
- 14) *High Resolution Observations of SN 1989m: The Interstellar Medium in NGC 4579*
C. C. Steidel, R. M. Rich, and J. K. McCarthy 1990, *A. J.*, **99**, 1476.
- 15) *A Re-Examination of the Gravitational Lens Interpretation of the Close QSO Pair Q2345+007A, B: Implications for the Nature of the Lyman Alpha Forest Clouds*
C. C. Steidel and W. L. W. Sargent 1990, *A. J.*, **99**, 1693.
- 16) *Absorption Lines in the Spectrum of Q0248+4302 Due to a Foreground Tidal Tail*
W. L. W. Sargent and C. C. Steidel 1990, *Ap. J. (Letters)*, **359**, L37.

- 17) *Searching for High Redshift Superclusters*
R. Romani, A. V. Filippenko, and C. C. Steidel 1991, *Pub. A. S. P.*, **103**, 154.
- 18) *Discovery of an Apparent Companion Galaxy to Q1548+0917 With $Z=2.758$*
C. C. Steidel, W. L. W. Sargent, and M. Dickinson 1991, *A. J.*, **101**, 1187.
- 19) *MgII Absorption in the Spectra of 103 QSOs: Implications for the Evolution of Gas in High Redshift Galaxies*
C. C. Steidel and W. L. W. Sargent 1992, *Ap. J. Suppl.*, **80**, 1.
- 20) *Emission Line and Continuum Properties of 92 Bright QSOs: Luminosity Dependence and Differences Between Radio and Optically Selected Samples*
C. C. Steidel and W. L. W. Sargent 1991, *Ap. J.*, **382**, 433.
- 21) *Spectral Differences in the QSO Pairs Q1634+267 A, B and Q2345+007 A, B and the Gravitational Lens Interpretation*
C. C. Steidel and W. L. W. Sargent 1991, *A. J.*, **102**, 1610.
- 22) *The Peculiar Type Ia Supernova 1991T in NGC 4527: Double Detonation of a White Dwarf?*
A. V. Filippenko et al. 1992, *Ap. J. Letters*, **383**, L15.
- 23) *The Redshift Evolution of QSO Heavy Element Absorption Systems*
C. C. Steidel 1992, *Pub. A. S. P.*, **104**, 843.
- 24) *The Unusual Field of the QSO 3C 336: Identification of 3 Foreground Mg II Absorbing Galaxies*
C. C. Steidel and M. Dickinson 1992, *Ap. J.*, **394**, 81.
- 25) *Deep Imaging of High Redshift QSO Fields Below the Lyman Limit: I. The Field of Q0000-263 and Galaxies at $z=3.4$*
C. C. Steidel and D. Hamilton 1992, *A. J.*, **104**, 941.
- 26) *Deep Imaging of High Redshift QSO Fields Below the Lyman Limit: II. Number Counts and Colors of Field Galaxies*
C. C. Steidel and D. Hamilton 1992, *A. J.*, **105**, 2017.
- 27) *Extended Lyman Alpha Emission Around Quasars at $z > 3.6$*
M. N. Bremer, A. C. Fabian, W. L. W. Sargent, C. C. Steidel, A. Boksenberg, and R. M. Johnstone 1992, *M.N.R.A.S.*, **258**, 23P.
- 28) *Statistics of QSO Broad Emission Line Profiles I. The C IV $\lambda 1549$ Line and the $\lambda 1400$ Feature*
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- 29) *A Dwarf Galaxy Near the Sightline to PKS 0454+0356: A Fading "Faint Blue Galaxy"?*
C. C. Steidel, M. Dickinson, and D. Bowen 1993, *Ap. J. Letters*, **413**, L77.
- 30) *Statistics of QSO Broad Emission Line Profiles II: The CIV $\lambda 1549$, CIII] $\lambda 1909$, and MgII $\lambda 2798$ Lines*
M. S. Brotherton, B. J. Wills, C. C. Steidel, and W. L. W. Sargent 1993, *Ap. J.*, **423**, 131
- 31) *Observational Limits on Ω in Stars, Brown Dwarfs, and Stellar Remnants from Gravitational Microlensing*
J. J. Dalcanton, C. R. Canizares, A. Granados, C. C. Steidel, and J. T. Stocke 1993, *Ap. J.*, **424**, 550
- 32) *Identification of A Possible Cluster of Galaxies at Redshift $z=3.4$*
M. Giavalisco, C. C. Steidel, and A. S. Szalay 1993, *Ap. J. Letters*, **425**, 5

- 33) *8C 1435+635: A Radio Galaxy at $z = 4.25$*
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- 34) *The Intermediate Line Region of QSOs*
M. S. Brotherton, B. J. Wills, P. J. Francis, and C. C. Steidel 1994, *Ap.J.*, **430**, 495
- 35) *The Hubble Space Telescope Quasar Absorption Line Key Project. V. Redshift Evolution of the Lyman Limit Absorption in the Spectra of a Large Sample of Quasars*
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- 36) *Imaging of Two Damped Lyman Alpha Absorber At Intermediate Redshift*
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- 37) *Field Galaxy Evolution Since $z=1$ From a Sample of QSO Absorption-Selected Galaxies*
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- 38) *Lyman Limit Imaging of High Redshift Galaxies. III: New Observations of 4 QSO Fields*
C. C. Steidel, M. Pettini, and D. Hamilton 1995, *AJ*, **110**, 2519
- 39) *The $z = 0.8596$ Damped Lyman Alpha Absorbing Galaxy Toward PKS 0454+0356*
C. C. Steidel, D.V. Bowen, J.C. Blades, and M. Dickinson 1995, *Ap. J. Letters*, **440**, 45
- 40) *A Critical Analysis of Interstellar Zn and Cr as Galactic Abundance Benchmarks for QSO Absorbers*
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- 41) *Spectroscopic Confirmation of a Population of Normal Star Forming Galaxies at Redshifts $z > 3$*
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- 42) *Hubble Space Telescope Imaging of Star Forming Galaxies at Redshifts $z > 3$*
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- 43) *Spectroscopy of Lyman Break Galaxies in the Hubble Deep Field*
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- 44) *High Redshift Galaxies in the Hubble Deep Field. I. Color Selection and Star Formation History to $z \sim 4$*
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- 45) *On the Spatial and Kinematic Distributions of MgII Absorbing Gas in $\langle z \rangle = 0.7$ Galaxies*
C.W. Churchill, C.C. Steidel, and S.S. Vogt 1996, *Ap.J.*, **471**, 164
- 46) *The Nature of QSO Absorbing Galaxies at $z \lesssim 1$: Deep Imaging and Spectroscopy in the Field of 3C 336*
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- 47) *Spectral Constraints on the Redshift of the Optical Counterpart to the Gamma Ray Burst of 8 May 1997*
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- 48) *A Large Structure of Galaxies at Redshift $z \sim 3$ and its Cosmological Implications*
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- 49) *Temporal Changes in Quasar Broad Emission Line Profiles and the Gravitationally Lensed Nature of Q1634+267A,B and Q2345+007A,B*
T. A. Small, W. L. W. Sargent, and C. C. Steidel 1998, *A. J.*, **114**, 2254
- 50) *The Angular Clustering of Lyman Break Galaxies at $z \sim 3$*
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- 51) *A Counts-In-Cells Analysis of Lyman Break Galaxies at $z \sim 3$*
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- 52) *Infrared Observations of Nebular Emission Lines from Galaxies at $z \approx 3$*
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- 53) *Metal Abundances at $z < 1.5$: Fresh Clues to the Chemical Enrichment History of Damped Lyman α Systems*
M. Pettini, S. Ellison, C. C. Steidel, and D. V. Bowen 1999, *Ap. J.*, **510**, 576
- 54) *Lyman Break Galaxies at $z \gtrsim 4$ and the Evolution of UV Luminosity Density at High Redshift*
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- 55) *Galaxy Clustering at $z \sim 3$*
C. C. Steidel, K. L. Adelberger, M. Giavalisco, M. Dickinson, M. Pettini, and M. Kellogg 1999, *Phil. Trans. Roy. Soc. A*, **357**, 153
- 56) *The CIV-MgII Kinematics Connection in $\langle z \rangle = 0.7$ Galaxies*
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- 57) *Observing the Epoch of Galaxy Formation*
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- 58) *The Ultraviolet Spectrum of MS 1512-cB58: An Insight into Lyman Break Galaxies*
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- 59) *The Unusual Infrared Object HDF-N J123656.32+621321.7*
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- 60) *Si and Mn Abundances in Damped Lyman Alpha Systems with Low Dust Content*
M. Pettini, S. Ellison, C. C. Steidel, A.E. Shapley, and D.V. Bowen 2000, *Ap.J.*, **532**, 65.
- 61) *Lyman Alpha Imaging of a Proto-Cluster Region $\langle z \rangle = 3.09$*
C. C. Steidel, K. L. Adelberger, A.E. Shapley, M. Pettini, M. Dickinson, and M. Giavalisco 1999, *Ap.J.*, **532**, 170
- 62) *A Search for the Sub-millimeter Counterparts to Lyman Break Galaxies*
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- 64) *Low and High Ionization Absorption Properties of MgII Absorption-Selected Galaxies at Intermediate Redshifts. II. Taxonomy, Kinematics, and Galaxies*
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- 65) *Multi-Wavelength Observations of Dusty Star Formation at Low and High Redshift*
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- 66) *Lyman Continuum Emission from Galaxies at $z \simeq 3.4$*
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- 67) *Extremely Red Objects in the Field of Q1213–0017: A Galaxy Concentration at $z = 1.31$*
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- 68) *Caltech Faint Galaxy Redshift Survey. IX. Source Detection and Photometry in the Hubble Deep Field Region*
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- 70) *H-alpha Imaging with Hubble Space Telescope of an Elusive Damped Lyman Alpha System at $z = 0.6$*
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- 71) *The Farthest Known Supernova: Support for an Accelerating Universe*
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- 72) *An Imaging and Spectroscopic Survey of the $z=3.3869$ Damped Lyman Alpha System in Q0201+1120: Clues to Star Formation Rate at High Redshift*
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- 73) *The Rest-Frame Optical Spectra of Lyman Break Galaxies: Star Formation, Extinction, Abundances, and Kinematics*
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- 75) *Sub-mm Imaging of a Proto-Cluster Region at $z=3.09$*
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- 76) *On The Kinematic Connection Between QSO Absorbing Gas and Galaxies at Intermediate Redshift*
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- 78) *New Observations of the Interstellar Medium in the Lyman Break Galaxy MS 1512-cB58*
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- 81) *The Population of Faint Optically-Selected AGN at $z \sim 3$*
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- 82) *Westphal-MMD11: An Interacting, Submillimeter-Luminous Lyman Break Galaxy*
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- 83) *Rest-Frame Far-UV Spectra of $z \sim 3$ Lyman Break Galaxies*
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- 84) *H-alpha Spectroscopy of Galaxies at $z > 2$: Kinematics and Star Formation*
D.K. Erb, A.E. Shapley, C.C. Steidel, M. Pettini, M.P. Hunt, K.L. Adelberger, and A.F. Moorwood, J-G. Cuby 2003, *Ap.J.*, **591**, 101
- 85) *The Canada-UK Deep Submillimeter Survey V. The Sub-mm Properties of Lyman Break Galaxies*
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- 86) *Lyman Break Galaxies at Redshift $z \sim 3$: Survey Description and Full Data Set*
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- 87) *The Faint End of the QSO Luminosity Function at $z \sim 3$*
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- 88) *Optical Selection of Galaxies at $1 < z < 3$*
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- 89) *Spectroscopy of Star-Forming Galaxies in the $1.4 \lesssim z \lesssim 2.5$ "Redshift Desert": Overview*
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- 90) *X-Ray and Radio Emission from UV-Selected Star Forming Galaxies at $1.5 \leq z \leq 2.5$ in the HDF-North Field*
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- 91) *The Kinematics of Morphologically-Selected $z \sim 2$ Galaxies in the GOODS-North Field*
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- 92) *Type Ia Supernova Discoveries at $z > 1$ from the Hubble Space Telescope: Evidence for Past Deceleration and Constraints on Dark Energy Evolution*
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- 93) *The DEEP2 Galaxy Redshift Survey: Spectral Classification of Galaxies at $z \sim 1$*
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- 94) *Deep Mid-IR Observations of Lyman Break Galaxies*
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- 95) *Evidence for Solar Metallicity in Massive Star-Forming Galaxies at $z \gtrsim 2$*
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- 105) *A Possible Correlation Between the Luminosity and Lifetimes of Active Galactic Nuclei*
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- 106) *A Deep Chandra Survey of the Groth Strip: I. The X-Ray Data*
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