# David J Schlegel

## List of Publications by Citations



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|---|---|---|---|
| 251 papers | 89,137 citations | 120 h-index | 262 g-index |
| 262 ext. papers | 95,341 ext. citations | 5.1 avg, IF | 6.88 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 251 | Maps of Dust Infrared Emission for Use in Estimation of Reddening and Cosmic Microwave Background Radiation Foregrounds. *Astrophysical Journal*, **1998**, 500, 525-553 | 4.7 | 11231 |
| 250 | The Sloan Digital Sky Survey: Technical Summary. *Astronomical Journal*, **2000**, 120, 1579-1587 | 4.9 | 7105 |
| 249 | THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. *Astrophysical Journal, Supplement Series*, **2009**, 182, 543-558 | 8 | 3780 |
| 248 | Detection of the Baryon Acoustic Peak in the Large-Scale Correlation Function of SDSS Luminous Red Galaxies. *Astrophysical Journal*, **2005**, 633, 560-574 | 4.7 | 3090 |
| 247 | Cosmological parameters from SDSS and WMAP. *Physical Review D*, **2004**, 69, | 4.9 | 2800 |
| 246 | The Origin of the Mass-Metallicity Relation: Insights from 53,000 Star-forming Galaxies in the Sloan Digital Sky Survey. *Astrophysical Journal*, **2004**, 613, 898-913 | 4.7 | 2426 |
| 245 | Sloan Digital Sky Survey: Early Data Release. *Astronomical Journal*, **2002**, 123, 485-548 | 4.9 | 1875 |
| 244 | THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. *Astrophysical Journal, Supplement Series*, **2015**, 219, 12 | 8 | 1504 |
| 243 | SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. *Astronomical Journal*, **2011**, 142, 72 | 4.9 | 1438 |
| 242 | Spectroscopic Target Selection in the Sloan Digital Sky Survey: The Main Galaxy Sample. *Astronomical Journal*, **2002**, 124, 1810-1824 | 4.9 | 1431 |
| 241 | Composite Quasar Spectra from the Sloan Digital Sky Survey. *Astronomical Journal*, **2001**, 122, 549-564 | 4.9 | 1337 |
| 240 | The Three-Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky Survey. *Astrophysical Journal*, **2004**, 606, 702-740 | 4.7 | 1306 |
| 239 | THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. *Astronomical Journal*, **2013**, 145, 10 | 4.9 | 1280 |
| 238 | Baryon acoustic oscillations in the Sloan Digital Sky Survey Data Release 7 galaxy sample. *Monthly Notices of the Royal Astronomical Society*, **2010**, 401, 2148-2168 | 4.3 | 1223 |
| 237 | The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample. *Monthly Notices of the Royal Astronomical Society*, **2017**, 470, 2617-2652 | 4.3 | 1176 |
| 236 | The Sixth Data Release of the Sloan Digital Sky Survey. *Astrophysical Journal, Supplement Series*, **2008**, 175, 297-313 | 8 | 1130 |
| 235 | Color Separation of Galaxy Types in the Sloan Digital Sky Survey Imaging Data. *Astronomical Journal* , **2001**, 122, 1861-1874 | 4.9 | 1130 |

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| 234 | THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. *Astrophysical Journal, Supplement Series*, **2011**, 193, 29 | 8 | 1063 |
| 233 | Cosmological constraints from the SDSS luminous red galaxies. *Physical Review D*, **2006**, 74, | 4.9 | 1045 |
| 232 | THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. *Astrophysical Journal, Supplement Series*, **2012**, 203, 21 | 8 | 1029 |
| 231 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Data Releases 10 and 11 Galaxy samples. *Monthly Notices of the Royal Astronomical Society*, **2014**, 441, 24-62 | 4.3 | 976 |
| 230 | New York University Value-Added Galaxy Catalog: A Galaxy Catalog Based on New Public Surveys. *Astronomical Journal*, **2005**, 129, 2562-2578 | 4.9 | 915 |
| 229 | The Fourth Data Release of the Sloan Digital Sky Survey. *Astrophysical Journal, Supplement Series*, **2006**, 162, 38-48 | 8 | 909 |
| 228 | The Milky Way Tomography with SDSS. I. Stellar Number Density Distribution. *Astrophysical Journal*, **2008**, 673, 864-914 | 4.7 | 890 |
| 227 | The Second Data Release of the Sloan Digital Sky Survey. *Astronomical Journal*, **2004**, 128, 502-512 | 4.9 | 887 |
| 226 | OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. *Astrophysical Journal*, **2015**, 798, 7 | 4.7 | 818 |
| 225 | Spectroscopic Target Selection for the Sloan Digital Sky Survey: The Luminous Red Galaxy Sample. *Astronomical Journal*, **2001**, 122, 2267-2280 | 4.9 | 818 |
| 224 | SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITHg= 14-20. *Astronomical Journal*, **2009**, 137, 4377-4399 | 4.9 | 779 |
| 223 | Spectroscopic Target Selection in the Sloan Digital Sky Survey: The Quasar Sample. *Astronomical Journal*, **2002**, 123, 2945-2975 | 4.9 | 778 |
| 222 | THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. *Astrophysical Journal, Supplement Series*, **2014**, 211, 17 | 8 | 760 |
| 221 | The First Data Release of the Sloan Digital Sky Survey. *Astronomical Journal*, **2003**, 126, 2081-2086 | 4.9 | 746 |
| 220 | Cosmological parameter analysis including SDSS Ly□forest and galaxy bias: Constraints on the primordial spectrum of fluctuations, neutrino mass, and dark energy. *Physical Review D*, **2005**, 71, | 4.9 | 743 |
| 219 | THE SLOAN DIGITAL SKY SURVEY QUASAR CATALOG. V. SEVENTH DATA RELEASE. *Astronomical Journal*, **2010**, 139, 2360-2373 | 4.9 | 728 |
| 218 | THE MULTI-OBJECT, FIBER-FED SPECTROGRAPHS FOR THE SLOAN DIGITAL SKY SURVEY AND THE BARYON OSCILLATION SPECTROSCOPIC SURVEY. *Astronomical Journal*, **2013**, 146, 32 | 4.9 | 667 |
| 217 | The Sloan Digital Sky Survey Quasar Survey: Quasar Luminosity Function from Data Release 3. *Astronomical Journal*, **2006**, 131, 2766-2787 | 4.9 | 634 |

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| 216 | A Photometricity and Extinction Monitor at the Apache Point Observatory. *Astronomical Journal*, **2001**, 122, 2129-2138 | 4.9 | 627 |
| 215 | The Luminosity and Color Dependence of the Galaxy Correlation Function. *Astrophysical Journal*, **2005**, 630, 1-27 | 4.7 | 603 |
| 214 | The Third Data Release of the Sloan Digital Sky Survey. *Astronomical Journal*, **2005**, 129, 1755-1759 | 4.9 | 597 |
| 213 | The Fifth Data Release of the Sloan Digital Sky Survey. *Astrophysical Journal, Supplement Series*, **2007**, 172, 634-644 | 8 | 590 |
| 212 | The Broadband Optical Properties of Galaxies with Redshifts 0.02 . *Astrophysical Journal*, **2003**, 594, 186-207 | 4.7 | 583 |
| 211 | Baryon acoustic oscillations in the Ly$\alpha$ forest of BOSS DR11 quasars. *Astronomy and Astrophysics*, **2015**, 574, A59 | 5.1 | 524 |
| 210 | The Luminosity Function of Galaxies in SDSS Commissioning Data. *Astronomical Journal*, **2001**, 121, 2358-2380 | 4.9 | 520 |
| 209 | Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. *Astrophysical Journal*, **2002**, 571, 172-190 | 4.7 | 480 |
| 208 | Relationship between Environment and the Broadband Optical Properties of Galaxies in the Sloan Digital Sky Survey. *Astrophysical Journal*, **2005**, 629, 143-157 | 4.7 | 474 |
| 207 | Extrapolation of Galactic Dust Emission at 100 Microns to Cosmic Microwave Background Radiation Frequencies Using FIRAS. *Astrophysical Journal*, **1999**, 524, 867-886 | 4.7 | 457 |
| 206 | An Improved Photometric Calibration of the Sloan Digital Sky Survey Imaging Data. *Astrophysical Journal*, **2008**, 674, 1217-1233 | 4.7 | 444 |
| 205 | Estimating Fixed-Frame Galaxy Magnitudes in the Sloan Digital Sky Survey. *Astronomical Journal*, **2003**, 125, 2348-2360 | 4.9 | 444 |
| 204 | The Milky Way Tomography with SDSS. II. Stellar Metallicity. *Astrophysical Journal*, **2008**, 684, 287-325 | 4.7 | 431 |
| 203 | SPECTRAL CLASSIFICATION AND REDSHIFT MEASUREMENT FOR THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. *Astronomical Journal*, **2012**, 144, 144 | 4.9 | 425 |
| 202 | THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. *Astronomical Journal*, **2016**, 151, 44 | 4.9 | 415 |
| 201 | Optical and Radio Properties of Extragalactic Sources Observed by the FIRST Survey and the Sloan Digital Sky Survey. *Astronomical Journal*, **2002**, 124, 2364-2400 | 4.9 | 381 |
| 200 | Cosmological implications of baryon acoustic oscillation measurements. *Physical Review D*, **2015**, 92, | 4.9 | 376 |
| 199 | Overview of the DESI Legacy Imaging Surveys. *Astronomical Journal*, **2019**, 157, 168 | 4.9 | 363 |

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| 198 | The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. *Astrophysical Journal, Supplement Series*, **2020**, 249, 3 | 8 | 363 |
| 197 | The Dependence on Environment of the Color-Magnitude Relation of Galaxies. *Astrophysical Journal*, **2004**, 601, L29-L32 | 4.7 | 351 |
| 196 | A Low-Latitude Halo Stream around the Milky Way. *Astrophysical Journal*, **2003**, 588, 824-841 | 4.7 | 333 |
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| 194 | The Ensemble Photometric Variability of ~25,000 Quasars in the Sloan Digital Sky Survey. *Astrophysical Journal*, **2004**, 601, 692-714 | 4.7 | 315 |
| 193 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measurements of the growth of structure and expansion rate atz= 0.57 from anisotropic clustering. *Monthly Notices of the Royal Astronomical Society*, **2012**, 426, 2719-2737 | 4.3 | 306 |
| 192 | The Properties and Luminosity Function of Extremely Low Luminosity Galaxies. *Astrophysical Journal*, **2005**, 631, 208-230 | 4.7 | 301 |
| 191 | The Ly□Forest Power Spectrum from the Sloan Digital Sky Survey. *Astrophysical Journal, Supplement Series*, **2006**, 163, 80-109 | 8 | 297 |
| 190 | The Linear Theory Power Spectrum from the Ly□Forest in the Sloan Digital Sky Survey. *Astrophysical Journal*, **2005**, 635, 761-783 | 4.7 | 297 |
| 189 | The Sloan Digital Sky Survey Quasar Catalog: Twelfth data release. *Astronomy and Astrophysics*, **2017**, 597, A79 | 5.1 | 287 |
| 188 | The Sloan Lens ACS Survey. V. The Full ACS Strong-Lens Sample. *Astrophysical Journal*, **2008**, 682, 964-984 | 4.7 | 285 |
| 187 | Early-Type Galaxies in the Sloan Digital Sky Survey. III. The Fundamental Plane. *Astronomical Journal* , **2003**, 125, 1866-1881 | 4.9 | 273 |
| 186 | The peculiar Type IA SN 1991T - Detonation of a white dwarf?. *Astrophysical Journal*, **1992**, 384, L15 | 4.7 | 270 |
| 185 | Candidate Type II Quasars from the Sloan Digital Sky Survey. I. Selection and Optical Properties of a Sample at 0.3. *Astronomical Journal*, **2003**, 126, 2125-2144 | 4.9 | 268 |
| 184 | The clustering of luminous red galaxies in the Sloan Digital Sky Survey imaging data. *Monthly Notices of the Royal Astronomical Society*, **2007**, 378, 852-872 | 4.3 | 266 |
| 183 | Unusual Broad Absorption Line Quasars from the Sloan Digital Sky Survey. *Astrophysical Journal, Supplement Series*, **2002**, 141, 267-309 | 8 | 264 |
| 182 | A Map of the Universe. *Astrophysical Journal*, **2005**, 624, 463-484 | 4.7 | 259 |
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| 180 | The IRAS 1.2 Jy Survey: Redshift Data. *Astrophysical Journal, Supplement Series*, **1995**, 100, 69 | 8 | 251 |
| 179 | The Overdensities of Galaxy Environments as a Function of Luminosity and Color. *Astrophysical Journal*, **2003**, 585, L5-L9 | 4.7 | 248 |
| 178 | Sloan Digital Sky Survey Standard Star Catalog for Stripe 82: The Dawn of Industrial 1% Optical Photometry. *Astronomical Journal*, **2007**, 134, 973-998 | 4.9 | 241 |
| 177 | On Departures from a Power Law in the Galaxy Correlation Function. *Astrophysical Journal*, **2004**, 608, 16-24 | 4.7 | 239 |
| 176 | The Sloan Digital Sky Survey Quasar Catalog. III. Third Data Release. *Astronomical Journal*, **2005**, 130, 367-380 | 4.9 | 234 |
| 175 | Early-type Galaxies in the Sloan Digital Sky Survey. II. Correlations between Observables. *Astronomical Journal*, **2003**, 125, 1849-1865 | 4.9 | 233 |
| 174 | SDSS-III Baryon Oscillation Spectroscopic Survey Data Release 12: galaxy target selection and large-scale structure catalogues. *Monthly Notices of the Royal Astronomical Society*, **2016**, 455, 1553-1573 | 4.3 | 231 |
| 173 | THE DATA REDUCTION PIPELINE FOR THE SDSS-IV MaNGA IFU GALAXY SURVEY. *Astronomical Journal*, **2016**, 152, 83 | 4.9 | 229 |
| 172 | The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: first measurement of baryon acoustic oscillations between redshift 0.8 and 2.2. *Monthly Notices of the Royal Astronomical Society*, **2018**, 473, 4773-4794 | 4.3 | 223 |
| 171 | THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION FOR DATA RELEASE NINE. *Astrophysical Journal, Supplement Series*, **2012**, 199, 3 | 8 | 223 |
| 170 | Binary Quasars in the Sloan Digital Sky Survey: Evidence for Excess Clustering on Small Scales. *Astronomical Journal*, **2006**, 131, 1-23 | 4.9 | 222 |
| 169 | Early-Type Galaxies in the Sloan Digital Sky Survey. I. The Sample. *Astronomical Journal*, **2003**, 125, 1817-1848 | 4.9 | 218 |
| 168 | The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. *Astrophysical Journal, Supplement Series*, **2019**, 240, 23 | 8 | 214 |
| 167 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: testing gravity with redshift space distortions using the power spectrum multipoles. *Monthly Notices of the Royal Astronomical Society*, **2014**, 443, 1065-1089 | 4.3 | 210 |
| 166 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring growth rate and geometry with anisotropic clustering. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 3504-3519 | 4.3 | 209 |
| 165 | Analysis of Systematic Effects and Statistical Uncertainties in Angular Clustering of Galaxies from Early Sloan Digital Sky Survey Data. *Astrophysical Journal*, **2002**, 579, 48-75 | 4.7 | 200 |
| 164 | Candidate RR Lyrae Stars Found in Sloan Digital Sky Survey Commissioning Data. *Astronomical Journal*, **2000**, 120, 963-977 | 4.9 | 198 |
| 163 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: analysis of potential systematics. *Monthly Notices of the Royal Astronomical Society*, **2012**, 424, 564-590 | 4.3 | 194 |

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| 162 | SDSS-IV MaNGA IFS GALAXY SURVEY—SURVEY DESIGN, EXECUTION, AND INITIAL DATA QUALITY. *Astronomical Journal*, **2016**, 152, 197 | 4.9 | 194 |
| 161 | Active Galactic Nuclei in the Sloan Digital Sky Survey. I. Sample Selection. *Astronomical Journal*, **2005**, 129, 1783-1794 | 4.9 | 187 |
| 160 | Cosmological constraints from the clustering of the Sloan Digital Sky Survey DR7 luminous red galaxies. *Monthly Notices of the Royal Astronomical Society*, **2010**, | 4.3 | 186 |
| 159 | Colors of 2625 Quasars at 0 . *Astronomical Journal*, **2001**, 121, 2308-2330 | 4.9 | 184 |
| 158 | The Sloan Digital Sky Survey quasar catalog: tenth data release. *Astronomy and Astrophysics*, **2014**, 563, A54 | 5.1 | 182 |
| 157 | THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. *Astrophysical Journal*, **2010**, 716, 1-29 | 4.7 | 177 |
| 156 | The Velocity Dispersion Function of Early-Type Galaxies. *Astrophysical Journal*, **2003**, 594, 225-231 | 4.7 | 176 |
| 155 | Early-Type Galaxies in the Sloan Digital Sky Survey. IV. Colors and Chemical Evolution. *Astronomical Journal*, **2003**, 125, 1882-1896 | 4.9 | 167 |
| 154 | Double-peaked Low-Ionization Emission Lines in Active Galactic Nuclei. *Astronomical Journal*, **2003**, 126, 1720-1749 | 4.9 | 165 |
| 153 | Large-scale structure in a universe with mixed hot and cold dark matter. *Nature*, **1992**, 359, 393-396 | 50.4 | 165 |
| 152 | SDSS-IV/MaNGA: SPECTROPHOTOMETRIC CALIBRATION TECHNIQUE. *Astronomical Journal*, **2016**, 151, 8 | 4.9 | 164 |
| 151 | THINK OUTSIDE THE COLOR BOX: PROBABILISTIC TARGET SELECTION AND THESDSS-XDQSOQUASAR TARGETING CATALOG. *Astrophysical Journal*, **2011**, 729, 141 | 4.7 | 161 |
| 150 | Active Galactic Nuclei in the Sloan Digital Sky Survey. II. Emission-Line Luminosity Function. *Astronomical Journal*, **2005**, 129, 1795-1808 | 4.9 | 161 |
| 149 | Measurement of baryon acoustic oscillations in the Lyman-α forest fluctuations in BOSS data release 9. *Journal of Cosmology and Astroparticle Physics*, **2013**, 2013, 026-026 | 6.4 | 157 |
| 148 | Evidence of galaxy cluster motions with the kinematic Sunyaev-Zel'dovich effect. *Physical Review Letters*, **2012**, 109, 041101 | 7.4 | 156 |
| 147 | Observing the Dark Matter Density Profile of Isolated Galaxies. *Astrophysical Journal*, **2003**, 598, 260-271 | 4.7 | 156 |
| 146 | The Sloan Digital Sky Survey Quasar Catalog. II. First Data Release. *Astronomical Journal*, **2003**, 126, 2579-2593 | 4.9 | 155 |
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| 144 | The Sloan Lens ACS Survey. VII. Elliptical Galaxy Scaling Laws from Direct Observational Mass Measurements. *Astrophysical Journal*, **2008**, 684, 248-259 | 4.7 | 149 |
| 143 | THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: THE QUASAR LUMINOSITY FUNCTION FROM DATA RELEASE NINE. *Astrophysical Journal*, **2013**, 773, 14 | 4.7 | 143 |
| 142 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring DA and H at z□0.57 from the baryon acoustic peak in the Data Release 9 spectroscopic Galaxy sample. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 83-101 | 4.3 | 140 |
| 141 | Ameliorating systematic uncertainties in the angular clustering of galaxies: a study using the SDSS-III. *Monthly Notices of the Royal Astronomical Society*, **2011**, 417, 1350-1373 | 4.3 | 140 |
| 140 | Stellar and dynamical masses of ellipticals in the Sloan Digital Sky Survey. *New Astronomy*, **2004**, 9, 329-348 | 4.8 | 139 |
| 139 | Selection and Photometric Properties of K+A Galaxies. *Astrophysical Journal*, **2004**, 602, 190-199 | 4.7 | 138 |
| 138 | Streaming motions of galaxy clusters within 12 000 km s□1 □. New spectroscopic data. *Monthly Notices of the Royal Astronomical Society*, **2000**, 313, 469-490 | 4.3 | 137 |
| 137 | The Sloan Digital Sky Survey Quasar Catalog. I. Early Data Release. *Astronomical Journal*, **2002**, 123, 567-577 | 4.7 | 137 |
| 136 | The one-dimensional Ly□forest power spectrum from BOSS. *Astronomy and Astrophysics*, **2013**, 559, A85 | 5.1 | 133 |
| 135 | Baryon acoustic oscillations from the complete SDSS-III Ly□quasar cross-correlation function at z = 2.4. *Astronomy and Astrophysics*, **2017**, 608, A130 | 5.1 | 128 |
| 134 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: BAO measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 4210-4219 | 4.3 | 126 |
| 133 | THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: QUASAR TARGET SELECTION. *Astrophysical Journal, Supplement Series*, **2015**, 221, 27 | 8 | 124 |
| 132 | Quasars Probing Quasars. I. Optically Thick Absorbers near Luminous Quasars. *Astrophysical Journal* , **2006**, 651, 61-83 | 4.7 | 123 |
| 131 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the correlation function of LOWZ and CMASS galaxies in Data Release 12. *Monthly Notices of the Royal Astronomical Society*, **2016**, 457, 1770-1785 | 4.3 | 119 |
| 130 | Magnetic White Dwarfs from the Sloan Digital Sky Survey: The First Data Release. *Astrophysical Journal*, **2003**, 595, 1101-1113 | 4.7 | 117 |
| 129 | THE BOSS EMISSION-LINE LENS SURVEY (BELLS). I. A LARGE SPECTROSCOPICALLY SELECTED SAMPLE OF LENS GALAXIES AT REDSHIFT ~0.5. *Astrophysical Journal*, **2012**, 744, 41 | 4.7 | 114 |
| 128 | Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. I. Sample Selection and Structure in the Galactic Halo. *Astronomical Journal*, **2004**, 127, 899-913 | 4.9 | 114 |
| 127 | THE BLUE TIP OF THE STELLAR LOCUS: MEASURING REDDENING WITH THE SLOAN DIGITAL SKY SURVEY. *Astrophysical Journal*, **2010**, 725, 1175-1191 | 4.7 | 110 |

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| 126 | The Three-dimensional Power Spectrum from Angular Clustering of Galaxies in Early Sloan Digital Sky Survey Data. *Astrophysical Journal*, **2002**, 572, 140-156 | 4.7 | 110 |
| 125 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the full shape of the clustering wedges in the data release 10 and 11 galaxy samples. *Monthly Notices of the Royal Astronomical Society*, **2014**, 440, 2692-2713 | 4.3 | 105 |
| 124 | Detection of a Far-Infrared Excess with DIRBE at 60 and 100 Microns. *Astrophysical Journal*, **2000**, 544, 81-97 | 4.7 | 105 |
| 123 | WISEPHOTOMETRY FOR 400 MILLION SDSS SOURCES. *Astronomical Journal*, **2016**, 151, 36 | 4.9 | 105 |
| 122 | Average Spectra of Massive Galaxies in the Sloan Digital Sky Survey. *Astrophysical Journal*, **2003**, 585, 694-713 | 4.7 | 104 |
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| 120 | Correlating the CMB with luminous red galaxies: The integrated Sachs-Wolfe effect. *Physical Review D*, **2005**, 72, | 4.9 | 99 |
| 119 | Optical Spectroscopy of Supernova 1993J During Its First 2500 Days. *Astronomical Journal*, **2000**, 120, 1487-1498 | 4.9 | 99 |
| 118 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: modelling the clustering and halo occupation distribution of BOSS CMASS galaxies in the Final Data Release. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 1173-1187 | 4.3 | 98 |
| 117 | The clustering of galaxies in the SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: constraints on primordial non-Gaussianity. *Monthly Notices of the Royal Astronomical Society*, **2013**, 428, 1116-1127 | 4.3 | 97 |
| 116 | CLUSTERING OF SLOAN DIGITAL SKY SURVEY III PHOTOMETRIC LUMINOUS GALAXIES: THE MEASUREMENT, SYSTEMATICS, AND COSMOLOGICAL IMPLICATIONS. *Astrophysical Journal*, **2012**, 761, 14 | 4.7 | 95 |
| 115 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 4188-4209 | 4.3 | 94 |
| 114 | A Large-scale Bulk Flow of Galaxy Clusters. *Astrophysical Journal*, **1999**, 512, L79-L82 | 4.7 | 91 |
| 113 | The Luminosity Density of Red Galaxies. *Astronomical Journal*, **2002**, 124, 646-651 | 4.9 | 87 |
| 112 | High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. VI. Sloan Digital Sky Survey Spectrograph Observations. *Astronomical Journal*, **2001**, 122, 503-517 | 4.9 | 86 |
| 111 | The clustering of galaxies at z□0.5 in the SDSS-III Data Release 9 BOSS-CMASS sample: a test for the □CDM cosmology. *Monthly Notices of the Royal Astronomical Society*, **2013**, 432, 743-760 | 4.3 | 85 |
| 110 | THE BOSS EMISSION-LINE LENS SURVEY. II. INVESTIGATING MASS-DENSITY PROFILE EVOLUTION IN THE SLACS+BELLS STRONG GRAVITATIONAL LENS SAMPLE. *Astrophysical Journal*, **2012**, 757, 82 | 4.7 | 85 |
| 109 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological constraints from the full shape of the clustering wedges. *Monthly Notices of the Royal Astronomical Society*, **2013**, 433, 1202-1222 | 4.3 | 83 |

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| 108 | An Initial Survey of White Dwarfs in the Sloan Digital Sky Survey. *Astronomical Journal*, **2003**, 126, 1023-1040 | 4.9 | 82 |
| 107 | Does the Fine-Structure Constant Vary with Cosmological Epoch?. *Astrophysical Journal*, **2004**, 600, 520-543 | 4.7 | 81 |
| 106 | Sloan Digital Sky Survey Spectroscopic Lens Search. I. Discovery of Intermediate-Redshift Star-forming Galaxies behind Foreground Luminous Red Galaxies. *Astronomical Journal*, **2004**, 127, 1860-1882 | 4.9 | 81 |
| 105 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: the low-redshift sample. *Monthly Notices of the Royal Astronomical Society*, **2013**, 429, 98-112 | 4.3 | 78 |
| 104 | Tentative Detection of Electric Dipole Emission from Rapidly Rotating Dust Grains. *Astrophysical Journal*, **2002**, 566, 898-904 | 4.7 | 78 |
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| 102 | CROSS-CORRELATION OF SDSS DR7 QUASARS AND DR10 BOSS GALAXIES: THE WEAK LUMINOSITY DEPENDENCE OF QUASAR CLUSTERING ATz~ 0.5. *Astrophysical Journal*, **2013**, 778, 98 | 4.7 | 77 |
| 101 | The Angular Correlation Function of Galaxies from Early Sloan Digital Sky Survey Data. *Astrophysical Journal*, **2002**, 579, 42-47 | 4.7 | 73 |
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