Francisco J Castander

List of Publications by Year
in descending order

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		5574	1072
281	55,249	82	233
papers	citations	h-index	g-index

284	284	284	15538
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Sloan Digital Sky Survey: Technical Summary. Astronomical Journal, 2000, 120, 1579-1587.	4.7	8,099
2	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
3	Detection of the Baryon Acoustic Peak in the Largeâ€Scale Correlation Function of SDSS Luminous Red Galaxies. Astrophysical Journal, 2005, 633, 560-574.	4.5	3,564
4	Cosmological parameters from SDSS and WMAP. Physical Review D, 2004, 69, .	4.7	3,121
5	Sloan Digital Sky Survey: Early Data Release. Astronomical Journal, 2002, 123, 485-548.	4.7	2,003
6	Stellar masses and star formation histories for 105galaxies from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2003, 341, 33-53.	4.4	1,892
7	Composite Quasar Spectra from the Sloan Digital Sky Survey. Astronomical Journal, 2001, 122, 549-564.	4.7	1,494
8	The Threeâ€Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky Survey. Astrophysical Journal, 2004, 606, 702-740.	4.5	1,426
9	Color Separation of Galaxy Types in the Sloan Digital Sky Survey Imaging Data. Astronomical Journal, 2001, 122, 1861-1874.	4.7	1,250
10	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	7.7	1,202
11	Cosmological constraints from the SDSS luminous red galaxies. Physical Review D, 2006, 74, .	4.7	1,132
12	The Second Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2004, 128, 502-512.	4.7	953
13	The Fourth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2006, 162, 38-48.	7.7	948
14	THE MULTI-OBJECT, FIBER-FED SPECTROGRAPHS FOR THE SLOAN DIGITAL SKY SURVEY AND THE BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astronomical Journal, 2013, 146, 32.	4.7	863
15	Spectroscopic Target Selection for the Sloan Digital Sky Survey: The Luminous Red Galaxy Sample. Astronomical Journal, 2001, 122, 2267-2280.	4.7	856
16	Overview of the DESI Legacy Imaging Surveys. Astronomical Journal, 2019, 157, 168.	4.7	825
17	The First Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2003, 126, 2081-2086.	4.7	800
18	THE DARK ENERGY CAMERA. Astronomical Journal, 2015, 150, 150.	4.7	718

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19	A gravitational-wave standard siren measurement of the Hubble constant. Nature, 2017, 551, 85-88.	27.8	674
20	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. Astrophysical Journal Letters, 2017, 848, L17.	8.3	656
21	Galaxy Star Formation as a Function of Environment in the Early Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, 2003, 584, 210-227.	4.5	651
22	The Third Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2005, 129, 1755-1759.	4.7	634
23	The Dark Energy Survey: more than dark energy â€“ an overview. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1270-1299.	4.4	618
24	The Fifth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2007, 172, 634-644.	7.7	615
25	The Luminosity Function of Galaxies in SDSS Commissioning Data. Astronomical Journal, 2001, 121, 2358-2380.	4.7	545
26	Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data. Astrophysical Journal, 2002, 571, 172-190.	4.5	520
27	EIGHT NEW MILKY WAY COMPANIONS DISCOVERED IN FIRST-YEAR DARK ENERGY SURVEY DATA. Astrophysical Journal, 2015, 807, 50.	4.5	466
28	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
29	The Sloan Digital Sky Survey Quasar Catalog. IV. Fifth Data Release. Astronomical Journal, 2007, 134, 102-117.	4.7	394
30	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. Astrophysical Journal Letters, 2017, 848, L16.	8.3	392
31	Early-Type Galaxies in the Sloan Digital Sky Survey. III. The Fundamental Plane. Astronomical Journal, 2003, 125, 1866-1881.	4.7	296
32	Early-type Galaxies in the Sloan Digital Sky Survey. II. Correlations between Observables. Astronomical Journal, 2003, 125, 1849-1865.	4.7	240
33	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	7.7	233
34	The Multiwavelength Survey by Yaleâ€Chile (MUSYC): Survey Design and Deep Public UBVRI z â€² Images and Catalogs of the Extended Hubble Deep Fieldâ€“South. Astrophysical Journal, Supplement Series, 2006, 162, 1-19.	7.7	228
35	Early-Type Galaxies in the Sloan Digital Sky Survey. I. The Sample. Astronomical Journal, 2003, 125, 1817-1848.	4.7	226
36	Detection of the Integrated Sachs-Wolfe and Sunyaev-Zeldovich Effects from the Cosmic Microwave Background-Galaxy Correlation. Astrophysical Journal, 2003, 597, L89-L92.	4.5	218

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37	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	8.3	210
38	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	8.3	201
39	Dark Energy Survey Year 1 Results: A Precise H0 Estimate from DES Y1, BAO, and D/H Data. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3879-3888.	4.4	196
40	Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2018, 862, 114.	4.5	193
41	Colors of 2625 Quasars at 0â€‰<â€‰[ITAL] [CLC]z [/CLC] [/ITAL]â€‰<â€‰5 Measured in the Sloan Digital Sky Survey Photometric System. Astronomical Journal, 2001, 121, 2308-2330.	4.7	190
42	The Physical Nature of LyÎ±-emitting Galaxies at z â€‰=â€‰3.1. Astrophysical Journal, 2006, 642, L13-L16.	4.5	181
43	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binaryâ€“Black-hole Merger GW170814. Astrophysical Journal Letters, 2019, 876, L7.	8.3	179
44	Simulating the Universe with MICE: the abundance of massive clusters. Monthly Notices of the Royal Astronomical Society, 2010, 403, 1353-1367.	4.4	175
45	Early-Type Galaxies in the Sloan Digital Sky Survey. IV. Colors and Chemical Evolution. Astronomical Journal, 2003, 125, 1882-1896.	4.7	173
46	A gravitationally lensed quasar with quadruple images separated by 14.62â€‰arcseconds. Nature, 2003, 426, 810-812.	27.8	165
47	The Sloan Digital Sky Survey Quasar Catalog. II. First Data Release. Astronomical Journal, 2003, 126, 2579-2593.	4.7	158
48	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1431-1450.	4.4	156
49	The MICE grand challenge lightcone simulation â€“ I. Dark matter clustering. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2987-3000.	4.4	154
50	Photometric redshift analysis in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1482-1506.	4.4	146
51	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 592-610.	4.4	145
52	Dark Energy Survey Year 1 results: weak lensing shape catalogues. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1149-1182.	4.4	144
53	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2184-2196.	4.4	143
54	The Sloan Digital Sky Survey Quasar Catalog. I. Early Data Release. Astronomical Journal, 2002, 123, 567-577.	4.7	141

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55	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408â˜5354. Monthly Notices of the Royal Astronomical Society, 2020, 494, 6072-6102.	4.4	140
56	The DES Science Verification weak lensing shear catalogues. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2245-2281.	4.4	137
57	Dark Energy Survey Year 1 results: weak lensing mass calibration of redMaPPer galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1352-1378.	4.4	135
58	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI -LAT DATA. Astrophysical Journal Letters, 2015, 809, L4.	8.3	131
59	MEASURING BARYON ACOUSTIC OSCILLATIONS ALONG THE LINE OF SIGHT WITH PHOTOMETRIC REDSHIFTS: THE PAU SURVEY. Astrophysical Journal, 2009, 691, 241-260.	4.5	129
60	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 172.	4.7	128
61	The MICE Grand Challenge lightcone simulation â€“ II. Halo and galaxy catalogues. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1513-1530.	4.4	126
62	The MICE Grand Challenge light-cone simulation â€“ III. Galaxy lensing mocks from all-sky lensing maps. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1319-1332.	4.4	126
63	A PUBLIC, K -SELECTED, OPTICAL-TO-NEAR-INFRARED CATALOG OF THE EXTENDED CHANDRA DEEP FIELD SOUTH (ECDFS) FROM THE MULTIWAVELENGTH SURVEY BY YALE-CHILE (MUSYC). Astrophysical Journal, Supplement Series, 2009, 183, 295-319.	7.7	125
64	Cosmology from cosmic shear with Dark Energy Survey Science Verification data. Physical Review D, 2016, 94, .	4.7	125
65	Cosmology constraints from shear peak statistics in Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3653-3673.	4.4	119
66	THE ALHAMBRA SURVEY: A LARGE AREA MULTIMEDIUM-BAND OPTICAL AND NEAR-INFRARED PHOTOMETRIC SURVEY. Astronomical Journal, 2008, 136, 1325-1339.	4.7	117
67	HÎ´-Strong Galaxies in the Sloan Digital Sky Survey: I. The Catalog. Publication of the Astronomical Society of Japan, 2003, 55, 771-787.	2.5	115
68	An algorithm to build mock galaxy catalogues using MICE simulations. Monthly Notices of the Royal Astronomical Society, 2015, 447, 646-670.	4.4	115
69	Detecting Clusters of Galaxies in the Sloan Digital Sky Survey. I. Monte Carlo Comparison of Cluster Detection Algorithms. Astronomical Journal, 2002, 123, 20-36.	4.7	111
70	Rapidly evolving transients in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 894-917.	4.4	109
71	Dark Energy Survey Year 1 results: measurement of the baryon acoustic oscillation scale in the distribution of galaxies to redshift 1. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4866-4883.	4.4	109
72	The onion universe: all sky lightcone simulations in spherical shells. Monthly Notices of the Royal Astronomical Society, 2008, 391, 435-446.	4.4	107

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73	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. Astronomical Journal, 2015, 150, 82.	4.7	107
74	Redshift distributions of galaxies in the Dark Energy Survey Science Verification shear catalogue and implications for weak lensing. Physical Review D, 2016, 94, .	4.7	105
75	Cross-correlation of Wilkinson Microwave Anisotropy Probe third-year data and the Sloan Digital Sky Survey DR4 galaxy survey: new evidence for dark energy. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 372, L23-L27.	3.3	102
76	Observations and Theoretical Implications of the Largeâ€Separation Lensed Quasar SDSS J1004+4112. Astrophysical Journal, 2004, 605, 78-97.	4.5	95
77	CMB lensing tomography with the DES Science Verification galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3213-3244.	4.4	95
78	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	7.7	93
79	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	4.5	92
80	The Multiwavelength Survey by Yale-Chile (MUSYC): Deep Near-Infrared Imaging and the Selection of Distant Galaxies. Astronomical Journal, 2007, 134, 1103-1117.	4.7	88
81	Detection of the kinematic Sunyaevâ€“Zel'dovich effect with DES Year 1 and SPT. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3172-3193.	4.4	88
82	The Complete Calibration of the Colorâ€“Redshift Relation (C3R2) Survey: Survey Overview and Data Release 1. Astrophysical Journal, 2017, 841, 111.	4.5	86
83	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	7.8	86
84	SDSS J092455.87+021924.9: An Interesting Gravitationally Lensed Quasar from the Sloan Digital Sky Survey. Astronomical Journal, 2003, 126, 666-674.	4.7	83
85	THE SLOAN DIGITAL SKY SURVEY QUASAR LENS SEARCH. III. CONSTRAINTS ON DARK ENERGY FROM THE THIRD DATA RELEASE QUASAR LENS CATALOG. Astronomical Journal, 2008, 135, 512-519.	4.7	83
86	Cosmic shear measurements with Dark Energy Survey Science Verification data. Physical Review D, 2016, 94, .	4.7	81
87	THE SLOAN DIGITAL SKY SURVEY QUASAR LENS SEARCH. II. STATISTICAL LENS SAMPLE FROM THE THIRD DATA RELEASE. Astronomical Journal, 2008, 135, 496-511.	4.7	79
88	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. Astrophysical Journal Letters, 2016, 818, L8.	8.3	78
89	Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4301-4324.	4.4	77
90	The ROSAT International X-ray/Optical Survey (RIXOS): source catalogue. Monthly Notices of the Royal Astronomical Society, 2000, 311, 456-484.	4.4	75

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91	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3047-3063.	4.4	75
92	MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT â‰²0.3 FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY. Astrophysical Journal, 2010, 713, 1026-1036.	4.5	74
93	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. Astrophysical Journal Letters, 2020, 900, L33.	8.3	74
94	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. Astronomical Journal, 2004, 128, 2577-2592.	4.7	73
95	Baryon content in a sample of 91 galaxy clusters selected by the South Pole Telescope at 0.2Â<zÂ<Â1.25. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3072-3099.	4.4	70
96	Superluminous supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2215-2241.	4.4	67
97	TYPE II-P SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY AND THE STANDARDIZED CANDLE METHOD. Astrophysical Journal, 2010, 708, 661-674.	4.5	65
98	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. Monthly Notices of the Royal Astronomical Society, 2017, 472, 273-288.	4.4	65
99	The Complete Calibration of the Colorâ€“Redshift Relation (C3R2) Survey: Analysis and Data Release 2. Astrophysical Journal, 2019, 877, 81.	4.5	65
100	Three new VHSâ€“DES quasars at 6.7 < z < 6.9 and emission line properties at z > 6.5. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1874-1885.	4.4	64
101	A Deficit of Highâ€Redshift, Highâ€Luminosity Xâ€Ray Clusters: Evidence for a High Value of Î©m?. Astrophysical Journal, 1999, 518, 521-532.	4.5	64
102	Dark Energy Survey Year 1 results: cross-correlation redshifts â€“ methods and systematics characterization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1664-1682.	4.4	63
103	OPTIMAL FILTER SYSTEMS FOR PHOTOMETRIC REDSHIFT ESTIMATION. Astrophysical Journal, 2009, 692, L5-L8.	4.5	62
104	Dark Energy Survey Year 1 results: constraints on intrinsic alignments and their colour dependence from galaxy clustering and weak lensing. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5453-5482.	4.4	62
105	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1171-1187.	4.4	62
106	Cross-correlation of spectroscopic and photometric galaxy surveys: cosmology from lensing and redshift distortions. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2904-2930.	4.4	61
107	Dark Energy Survey Year 1 results: curved-sky weak lensing mass map. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3165-3190.	4.4	60
108	How Many Kilonovae Can Be Found in Past, Present, and Future Survey Data Sets?. Astrophysical Journal Letters, 2018, 852, L3.	8.3	60

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109	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. Astrophysical Journal, 2019, 874, 106.	4.5	60
110	Discovery of Two Gravitationally Lensed Quasars with Image Separations of 3â€³ from the Sloan Digital Sky Survey. Astrophysical Journal, 2005, 622, 106-115.	4.5	59
111	nIFTy cosmology: comparison of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4029-4059.	4.4	55
112	Mass and galaxy distributions of four massive galaxy clusters from Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2219-2238.	4.4	55
113	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L33.	8.3	55
114	HOST GALAXY IDENTIFICATION FOR SUPERNOVA SURVEYS. Astronomical Journal, 2016, 152, 154.	4.7	55
115	Measuring the growth of matter fluctuations with third-order galaxy correlations. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1724-1745.	4.4	54
116	Discovery of a Fifth Image of the Large Separation Gravitationally Lensed Quasar SDSS J1004+4112. Publication of the Astronomical Society of Japan, 2005, 57, L7-L10.	2.5	52
117	Phenotypic redshifts with self-organizing maps: A novel method to characterize redshift distributions of source galaxies for weak lensing. Monthly Notices of the Royal Astronomical Society, 2019, 489, 820-841.	4.4	52
118	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2900-2918.	4.4	52
119	The First Hour of Extragalactic Data of the Sloan Digital Sky Survey Spectroscopic Commissioning: The Coma Cluster. Astronomical Journal, 2001, 121, 2331-2357.	4.7	51
120	Precise photometric redshifts with a narrow-band filter set: the PAU survey at the William Herschel Telescope. Monthly Notices of the Royal Astronomical Society, 2014, 442, 92-109.	4.4	51
121	Exploring the selection of galaxy clusters and groups: an optical survey for X-ray dark clusters. Monthly Notices of the Royal Astronomical Society, 2004, 348, 551-580.	4.4	49
122	Evidence for Dynamically Driven Formation of the GW170817 Neutron Star Binary in NGC 4993. Astrophysical Journal Letters, 2017, 849, L34.	8.3	49
123	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign â€“ I. Overview and classification of candidates selected by two techniques. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1041-1054.	4.4	48
124	Deficit of distant X-ray-emitting galaxy clusters and implications for cluster evolution. Nature, 1995, 377, 39-41.	27.8	47
125	Wide-field lensing mass maps from Dark Energy Survey science verification data: Methodology and detailed analysis. Physical Review D, 2015, 92, .	4.7	47
126	The PAU Survey: early demonstration of photometric redshift performance in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4200-4215.	4.4	46

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127	The detection of X-ray emission from the highest redshift galaxy clusters. Astrophysical Journal, 1994, 424, L79.	4.5	45
128	Clustering of luminous red galaxies - III. Baryon acoustic peak in the three-point correlation. Monthly Notices of the Royal Astronomical Society, 2009, 399, 801-811.	4.4	44
129	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
130	A new RASS galaxy cluster catalogue with low contamination extending to z âˆ¼ 1 in the DES overlap region. Monthly Notices of the Royal Astronomical Society, 2019, 488, 739-769.	4.4	44
131	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2578-2593.	4.4	44
132	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE z âˆ¼ 1.2. Astrophysical Journal, 2016, 816, 98.	4.5	43
133	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. Monthly Notices of the Royal Astronomical Society, 2020, 496, 19-35.	4.4	43
134	A MEASUREMENT OF THE RATE OF TYPE Ia SUPERNOVAE IN GALAXY CLUSTERS FROM THE SDSS-II SUPERNOVA SURVEY. Astrophysical Journal, 2010, 715, 1021-1035.	4.5	42
135	Status of the Dark Energy Survey Camera (DECam) project. Proceedings of SPIE, 2012, , .	0.8	42
136	NEAR-INFRARED GALAXY COUNTS AND EVOLUTION FROM THE WIDE-FIELD ALHAMBRA SURVEY. Astrophysical Journal, 2009, 696, 1554-1575.	4.5	40
137	Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data. Physical Review Letters, 2015, 115, 051301.	7.8	40
138	Dark Energy Survey Year 1 Results: calibration of redMaGiC redshift distributions in DES and SDSS from cross-correlations. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2427-2443.	4.4	39
139	THE ALHAMBRA PHOTOMETRIC SYSTEM. Astronomical Journal, 2010, 139, 1242-1253.	4.7	38
140	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 826, L29.	8.3	38
141	SDSS J1335+0118: A New Two-Image Gravitational Lens. Publication of the Astronomical Society of Japan, 2004, 56, 399-405.	2.5	37
142	SDSS J024634.11-082536.2: A New Gravitationally Lensed Quasar from the Sloan Digital Sky Survey. Astronomical Journal, 2005, 130, 1967-1976.	4.7	37
143	The Dark Energy Camera (DECam). Proceedings of SPIE, 2008, , .	0.8	37
144	The Spectroscopic Variability of GRB 021004. Astrophysical Journal, 2003, 582, L5-L9.	4.5	36

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145	THE SLOAN DIGITAL SKY SURVEY QUASAR LENS SEARCH. IV. STATISTICAL LENS SAMPLE FROM THE FIFTH DATA RELEASE. Astronomical Journal, 2010, 140, 403-415.	4.7	35
146	The ALHAMBRA survey: accurate merger fractions derived by PDF analysis of photometrically close pairs. Astronomy and Astrophysics, 2015, 576, A53.	5.1	35
147	Câ€‰iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). Monthly Notices of the Royal Astronomical Society, 2019, 487, 3650-3663.	4.4	35
148	The PAU Survey: an improved photo-z sample in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6103-6122.	4.4	35
149	ChandraObservations of SDSS J1004+4112: Constraints on the Lensing Cluster and Anomalous Xâ€Ray Flux Ratios of the Quadruply Imaged Quasar. Astrophysical Journal, 2006, 647, 215-221.	4.5	34
150	Improving weak lensing mass map reconstructions using Gaussian and sparsity priors: application to DES SV. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2871-2888.	4.4	34
151	The Nature of Nearby Counterparts to Intermediateâ€Redshift Luminous Compact Blue Galaxies. I. Optical/HiProperties and Dynamical Masses. Astrophysical Journal, 2004, 615, 689-701.	4.5	34
152	A dynamical study of optically selected distant clusters. Monthly Notices of the Royal Astronomical Society, 1997, 291, 353-371.	4.4	33
153	SDSS-IV eBOSS emission-line galaxy pilot survey. Astronomy and Astrophysics, 2016, 592, A121.	5.1	33
154	Discovery of the Lensed Quasar System DES J0408-5354. Astrophysical Journal Letters, 2017, 838, L15.	8.3	32
155	Dark Energy Survey year 1 results: the relationship between mass and light around cosmic voids. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3573-3587.	4.4	32
156	Optical and Nearâ€Infrared Observations of the Afterglow of GRB 980329 from 15 Hours to 10 Days. Astrophysical Journal, 1999, 517, 692-699.	4.5	32
157	DES Y1 Results: validating cosmological parameter estimation using simulated Dark Energy Surveys. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4614-4635.	4.4	31
158	Colour gradients within SDSS DR7 galaxies: hints of recent evolution. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1151-1166.	4.4	30
159	Stellar populations of galaxies in the ALHAMBRA survey up tozÂ–Â1. Astronomy and Astrophysics, 2015, 582, A14.	5.1	30
160	Combining Dark Energy Survey Science Verification data with near-infrared data from the ESO VISTA Hemisphere Survey. Monthly Notices of the Royal Astronomical Society, 2014, 446, 2523-2539.	4.4	29
161	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4591-4606.	4.4	28
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