Thomas Broadhurst

List of Publications by Year
in descending order

285	20,002	8159 76	14156 128
papers	citations	h-index	g-index

289	289	289	6936
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Analytic Model for the Subgalactic Matter Power Spectrum in Fuzzy Dark Matter Halos. Astrophysical Journal, 2022, 925, 61.	1.6	6
2	A highly magnified star at redshift 6.2. Nature, 2022, 603, 815-818.	13.7	53
3	Wave dark matter and ultra-diffuse galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2868-2876.	1.6	8
4	Resolved galactic superwinds reconstructed around their host galaxies at z > 3. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2629-2657.	1.6	7
5	Impact of astrophysical binary coalescence time-scales on the rate of lensed gravitational wave events. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3751-3759.	1.6	21
6	On the Random Motion of Nuclear Objects in a Fuzzy Dark Matter Halo. Astrophysical Journal, 2021, 916, 27.	1.6	25
7	The miniJPAS survey: A preview of the Universe in 56 colors. Astronomy and Astrophysics, 2021, 653, A31.	2.1	54
8	Inferring the lensing rate of LIGOâ€“Virgo sources from the stochastic gravitational wave background. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2451-2466.	1.6	26
9	Evidence for lensing of gravitational waves from LIGO-Virgo data. Physical Review D, 2021, 104, .	1.6	16
10	Sustained formation of progenitor globular clusters in a giant elliptical galaxy. Nature Astronomy, 2020, 4, 153-158.	4.2	9
11	Redshift Determinations from a Self-consistent Grid-based Lens Model for the Hubble Frontiers Field Cluster RXC J2248.7â^’4431 (AS1063). Astrophysical Journal, 2020, 888, 35.	1.6	2
12	Multiple ultralight axionic wave dark matter and astronomical structures. Physics of the Dark Universe, 2020, 30, 100636.	1.8	25
13	Multiple Images and Flux Ratio Anomaly of Fuzzy Gravitational Lenses. Physical Review Letters, 2020, 125, 111102.	2.9	14
14	Soliton solution for the central dark mass in 47-Tuc globular cluster and implications for the axiverse. Physical Review D, 2020, 101, .	1.6	8
15	Soliton Random Walk and the Cluster-Stripping Problem in Ultralight Dark Matter. Physical Review Letters, 2020, 124, 201301.	2.9	37
16	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	3.0	57
17	Dynamical evidence of a dark solitonic core of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e257" altimg="si73.svg"><mml:mrow><mml:mn>1</mml:mn><mml:msup><mml:mrow><mml:mn>0</mml:mn></mml:mrow><mml:mrow><m in the milky way. Physics of the Dark Universe, 2020, 28, 100503.	1.8	26
18	Ghostly galaxies as solitons of Bose-Einstein dark matter. Physical Review D, 2020, 101, .	1.6	27

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19	Geometric Support for Dark Matter by an Unaligned Einstein Ring in A3827. Astrophysical Journal, 2020, 898, 81.	1.6	5
20	Free-form Lens Model and Mass Estimation of the High-redshift Galaxy Cluster ACT-CL J0102-4915, â€œEl Gordoâ€• Astrophysical Journal, 2020, 904, 106.	1.6	14
21	A Strong-lensing Model for the WMDF JWST/GTO Very Rich Cluster A1489. Astrophysical Journal, 2020, 903, 137.	1.6	4
22	Searching for Highly Magnified Stars at Cosmological Distances: Discovery of a Redshift 0.94 Blue Supergiant in Archival Images of the Galaxy Cluster MACS J0416.1-2403. Astrophysical Journal, 2019, 881, 8.	1.6	37
23	Stellar populations of galaxies in the ALHAMBRA survey up to z âˆ¼ 1. Astronomy and Astrophysics, 2019, 631, A156.	2.1	17
24	Stellar populations of galaxies in the ALHAMBRA survey up tozâ€†â€„âˆ¼â€„â€†1. Astronomy and Astrophysics, 2019, 631, A157.	2.1	9
25	Strong lensing models of eight CLASH clusters from extensive spectroscopy: Accurate total mass reconstructions in the cores. Astronomy and Astrophysics, 2019, 632, A36.	2.1	61
26	Observational signatures of microlensing in gravitational waves at LIGO/Virgo frequencies. Astronomy and Astrophysics, 2019, 627, A130.	2.1	50
27	Precise LIGO lensing rate predictions for binary black holes. Physical Review D, 2018, 97, .	1.6	92
28	Understanding caustic crossings in giant arcs: Characteristic scales, event rates, and constraints on compact dark matter. Physical Review D, 2018, 97, .	1.6	121
29	Two peculiar fast transients in a strongly lensed host galaxy. Nature Astronomy, 2018, 2, 324-333.	4.2	36
30	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. Nature Astronomy, 2018, 2, 334-342.	4.2	97
31	A free-form lensing model of A370 revealing stellar mass dominated BCGs, in Hubble Frontier Fields images. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4279-4296.	1.6	33
32	Multi-phenomena Modeling of the New Bullet-like Cluster ZwCl 008.8+52 Using N-body/Hydrodynamical Simulations. Astrophysical Journal, 2018, 862, 112.	1.6	14
33	Prodigious and Continuous Formation of Super Star Clusters from Cooled Intracluster Gas. Proceedings of the International Astronomical Union, 2018, 14, 108-111.	0.0	0
34	Magnification Bias of Distant Galaxies in the Hubble Frontier Fields: Testing Wave Versus Particle Dark Matter Predictions. Astrophysical Journal, 2018, 862, 156.	1.6	14
35	Discovering intermediate-mass black hole lenses through gravitational wave lensing. Physical Review D, 2018, 98, .	1.6	58
36	High redshift galaxies in the ALHAMBRA survey. Astronomy and Astrophysics, 2018, 614, A129.	2.1	9

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37	Planck/SDSS cluster mass and gas scaling relations for a volume-complete redMaPPer sample. Monthly Notices of the Royal Astronomical Society, 2018, 478, 638-650.	1.6	8
38	Dark Matter under the Microscope: Constraining Compact Dark Matter with Caustic Crossing Events. Astrophysical Journal, 2018, 857, 25.	1.6	75
39	Ultra Light Axionic Dark Matter: Galactic Halos and Implications for Observations with Pulsar Timing Arrays. Galaxies, 2018, 6, 10.	1.1	18
40	The ALHAMBRA survey: 2D analysis of the stellar populations in massive early-type galaxies atz< 0.3. Astronomy and Astrophysics, 2018, 609, A20.	2.1	13
41	CLASH-VLT: spectroscopic confirmation of a z = 6.11 quintuply lensed galaxy in the Frontier Fields Cluster RXC J2248.7-4431 (Corrigendum). Astronomy and Astrophysics, 2018, 611, C2.	2.1	2
42	A Likely Supermassive Black Hole Revealed by Its Einstein Radius in Hubble Frontier Fields Images. Astrophysical Journal, 2018, 863, 135.	1.6	8
43	The Projected Dark and Baryonic Ellipsoidal Structure of 20 CLASH Galaxy Clusters*. Astrophysical Journal, 2018, 860, 104.	1.6	44
44	Unveiling the Dynamical State of Massive Clusters through the ICL Fraction. Astrophysical Journal, 2018, 857, 79.	1.6	41
45	Young Galaxy Candidates in the Hubble Frontier Fields. IV. MACS J1149.5+2223. Astrophysical Journal, 2017, 836, 210.	1.6	21
46	GEOMETRIC CORROBORATION OF THE EARLIEST LENSED GALAXY AT zÂâ‰ƒÂ10.8 FROM ROBUST FREE-FORM MODELLING. Astrophysical Journal, 2017, 835, 44.	1.6	11
47	The ALHAMBRA survey:B-band luminosity function of quiescent and star-forming galaxies at 0.2â€‰â‰‰â€‰zâ€‰<â€‰1 by PDF analysis. Astronomy and Astrophysics, 2017, 599, A62.	2.1	17
48	Shocks and Tides Quantified in the â€œSausageâ€•Cluster, CIZA J2242.8+5301 Using N-body/Hydrodynamical Simulations. Astrophysical Journal, 2017, 841, 46.	1.6	16
49	AK_s-band-selected catalogue of objects in the ALHAMBRA survey. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4331-4348.	1.6	5
50	Recognizing Axionic Dark Matter by Compton and de Broglie Scale Modulation of Pulsar Timing. Physical Review Letters, 2017, 119, 221103.	2.9	54
51	Precise clustering and density evolution of redMaPPer galaxy clusters versus MXXL simulation. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2658-2674.	1.6	13
52	CLASH: accurate photometric redshifts with 14 HST bands in massive galaxy cluster cores. Monthly Notices of the Royal Astronomical Society, 2017, 470, 95-113.	1.6	39
53	STRONG-LENSING ANALYSIS OF THE POWERFUL LENSING CLUSTER MACS J2135.2-0102 (zÂ=Â0.33). Astrophysical Journal, 2016, 833, 25.	1.6	9
54	THE ALHAMBRA SURVEY: EVOLUTION OF GALAXY SPECTRAL SEGREGATION. Astrophysical Journal, 2016, 818, 174.	1.6	8

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55	CLASH-VLT: A highly precise strong lensing model of the galaxy cluster RXC J2248.7â^'4431 (Abell S1063) and prospects for cosmography. Astronomy and Astrophysics, 2016, 587, A80.	2.1	98
56	CLASH-VLT: DISSECTING THE FRONTIER FIELDS GALAXY CLUSTER MACS J0416.1-2403 WITH â^¼800 SPECTRA OF MEMBER GALAXIES. Astrophysical Journal, Supplement Series, 2016, 224, 33.	3.0	82
57	An accurate cluster selection function for the J-PAS narrow-band wide-field survey. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4291-4304.	1.6	15
58	YOUNG GALAXY CANDIDATES IN THE HUBBLE FRONTIER FIELDS. III. MACSÂJ0717.5+3745. Astrophysical Journal, 2016, 820, 98.	1.6	53
59	A free-form mass model of the Hubble Frontier Fields cluster AS1063 (RXC J2248.7â^'4431) with over one hundred constraints. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3447-3459.	1.6	38
60	A free-form prediction for the reappearance of supernova Refsdal in the Hubble Frontier Fields cluster MACSJ1149.5+2223. Monthly Notices of the Royal Astronomical Society, 2016, 456, 356-365.	1.6	53
61	CONTRASTING GALAXY FORMATION FROM QUANTUM WAVE DARK MATTER, Ï^DM, WITH Î›CDM, USING PLANCK AND HUBBLE DATA. Astrophysical Journal, 2016, 818, 89.	1.6	151
62	â€œREFSDALâ€•MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. Astrophysical Journal, 2016, 817, 60.	1.6	88
63	THE HIGH-VELOCITY SYSTEM: INFALL OF A GIANT LOW-SURFACE-BRIGHTNESS GALAXY TOWARD THE CENTER OF THE PERSEUS CLUSTER. Astrophysical Journal, 2015, 814, 101.	1.6	10
64	ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. Astrophysical Journal, 2015, 811, 70.	1.6	67
65	The ALHAMBRA survey: accurate merger fractions derived by PDF analysis of photometrically close pairs. Astronomy and Astrophysics, 2015, 576, A53.	2.1	35
66	High redshift galaxies in the ALHAMBRA survey. Astronomy and Astrophysics, 2015, 576, A25.	2.1	10
67	Hubble Frontier Field free-form mass mapping of the massive multiple-merging cluster MACSJ0717.5+3745. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3920-3932.	1.6	39
68	Comparing gravitational redshifts of SDSS galaxy clusters with the magnified redshift enhancement of background BOSS galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1999-2012.	1.6	23
69	Galaxy clusters and groups in the ALHAMBRA survey. Monthly Notices of the Royal Astronomical Society, 2015, 452, 549-565.	1.6	18
70	The orthogonally aligned dark halo of an edge-on lensing galaxy in the Hubble Frontier Fields: a challenge for modified gravity. Monthly Notices of the Royal Astronomical Society, 2015, 449, 588-596.	1.6	6
71	YOUNG GALAXY CANDIDATES IN THEHUBBLEFRONTIER FIELDS. II. MACS J0416â€“2403. Astrophysical Journal, 2015, 815, 18.	1.6	30
72	CLASH-VLT: INSIGHTS ON THE MASS SUBSTRUCTURES IN THE FRONTIER FIELDS CLUSTER MACS J0416.1â€“2403 THROUGH ACCURATE STRONG LENS MODELING. Astrophysical Journal, 2015, 800, 38.	1.6	132

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73	A HYDRODYNAMICAL SOLUTION FOR THE â€œTWIN-TAILEDâ€•COLLIDING GALAXY CLUSTER â€œEL GORDOâ€•. Astrophysical Journal, 2015, 800, 37.	1.6	32
74	A free-form lensing grid solution for A1689 with new multiple images. Monthly Notices of the Royal Astronomical Society, 2015, 446, 683-704.	1.6	40
75	CLASH: EXTREME EMISSION-LINE GALAXIES AND THEIR IMPLICATION ON SELECTION OF HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2015, 801, 12.	1.6	10
76	NOT IN OUR BACKYARD: SPECTROSCOPIC SUPPORT FOR THE CLASHz= 11 CANDIDATE MACS 0647-JD. Astrophysical Journal, 2015, 804, 11.	1.6	10
77	THREE-DIMENSIONAL MULTI-PROBE ANALYSIS OF THE GALAXY CLUSTER A1689. Astrophysical Journal, 2015, 806, 207.	1.6	56
78	The impact from survey depth and resolution on the morphological classification of galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1644-1668.	1.6	19
79	Free-form lensing implications for the collision of dark matter and gas in the frontier fields cluster MACSÂJ0416.1â^'2403. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3130-3149.	1.6	50
80	CLASH: THE CONCENTRATION-MASS RELATION OF GALAXY CLUSTERS. Astrophysical Journal, 2015, 806, 4.	1.6	170
81	HUBBLE SPACE TELESCOPECOMBINED STRONG AND WEAK LENSING ANALYSIS OF THE CLASH SAMPLE: MASS AND MAGNIFICATION MODELS AND SYSTEMATIC UNCERTAINTIES. Astrophysical Journal, 2015, 801, 44.	1.6	207
82	Stellar populations of galaxies in the ALHAMBRA survey up tozÂ–Â1. Astronomy and Astrophysics, 2015, 582, A14.	2.1	30
83	The ALHAMBRA survey: Estimation of the clustering signal encoded in the cosmic variance. Astronomy and Astrophysics, 2015, 582, A16.	2.1	10
84	The ALHAMBRA survey: An empirical estimation of the cosmic variance for merger fraction studies based on close pairs. Astronomy and Astrophysics, 2014, 564, A127.	2.1	15
85	Intracluster light properties in the CLASH-VLT cluster MACS J1206.2-0847. Astronomy and Astrophysics, 2014, 565, A126.	2.1	63
86	Understanding the Core-Halo Relation of Quantum Wave Dark Matter from 3D Simulations. Physical Review Letters, 2014, 113, 261302.	2.9	340
87	THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. Astrophysical Journal, 2014, 797, 34.	1.6	115
88	The ALHAMBRA survey: evolution of galaxy clustering since z â^¼ 1. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1783-1801.	1.6	23
89	Enabling non-parametric strong lensing models to derive reliable cluster mass distributions â€“ wslap+. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2642-2651.	1.6	38
90	The ALHAMBRA Survey: Bayesian photometric redshifts with 23 bands for 3Âdeg2. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2891-2922.	1.6	73

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91	CLASH-X: A COMPARISON OF LENSING AND X-RAY TECHNIQUES FOR MEASURING THE MASS PROFILES OF GALAXY CLUSTERS. Astrophysical Journal, 2014, 794, 136.	1.6	105
92	CONSISTENT USE OF TYPE Ia SUPERNOVAE HIGHLY MAGNIFIED BY GALAXY CLUSTERS TO CONSTRAIN THE COSMOLOGICAL PARAMETERS. Astrophysical Journal, 2014, 789, 51.	1.6	7
93	YOUNG GALAXY CANDIDATES IN THE HUBBLE FRONTIER FIELDS. I. A2744. Astrophysical Journal, 2014, 795, 93.	1.6	61
94	CLASH: EXTENDING GALAXY STRONG LENSING TO SMALL PHYSICAL SCALES WITH DISTANT SOURCES HIGHLY MAGNIFIED BY GALAXY CLUSTER MEMBERS. Astrophysical Journal, 2014, 786, 11.	1.6	13
95	A CENSUS OF STAR-FORMING GALAXIES IN THEZâˆ¼ 9-10 UNIVERSE BASED ONHST+SPITZEROBSERVATIONS OVER 19 CLASH CLUSTERS: THREE CANDIDATEZâˆ¼ 9-10 GALAXIES AND IMPROVED CONSTRAINTS ON THE STAR FORMATION RATE DENSITY ATZâˆ¼ 9.2. Astrophysical Journal, 2014, 795, 126.	1.6	159
96	CLASH: A CENSUS OF MAGNIFIED STAR-FORMING GALAXIES ATzâˆ¼ 6-8. Astrophysical Journal, 2014, 792, 76.	1.6	98
97	EVIDENCE FOR UBIQUITOUS HIGH-EQUIVALENT-WIDTH NEBULAR EMISSION INzâˆ¼ 7 GALAXIES: TOWARD A CLEAN MEASUREMENT OF THE SPECIFIC STAR-FORMATION RATE USING A SAMPLE OF BRIGHT, MAGNIFIED GALAXIES. Astrophysical Journal, 2014, 784, 58.	1.6	232
98	CLASH: WEAK-LENSING SHEAR-AND-MAGNIFICATION ANALYSIS OF 20 GALAXY CLUSTERS. Astrophysical Journal, 2014, 795, 163.	1.6	233
99	A RIGOROUS FREE-FORM LENS MODEL OF A2744 TO MEET THE HUBBLE FRONTIER FIELDS CHALLENGE. Astrophysical Journal, 2014, 797, 98.	1.6	46
100	A GEOMETRICALLY SUPPORTED z âˆ¼ 10 CANDIDATE MULTIPLY IMAGED BY THE HUBBLE FRONTIER FIELDS CLUSTER A2744. Astrophysical Journal Letters, 2014, 793, L12.	3.0	114
101	CLASH: z âˆ¼ 6 young galaxy candidate quintuply lensed by the frontier field cluster RXC J2248.7â^'4431. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1417-1434.	1.6	49
102	CLASH-VLT: CONSTRAINTS ON THE DARK MATTER EQUATION OF STATE FROM ACCURATE MEASUREMENTS OF GALAXY CLUSTER MASS PROFILES. Astrophysical Journal Letters, 2014, 783, L11.	3.0	23
103	THREE GRAVITATIONALLY LENSED SUPERNOVAE BEHIND CLASH GALAXY CLUSTERS. Astrophysical Journal, 2014, 786, 9.	1.6	45
104	Cosmic structure as the quantum interference of a coherent dark wave. Nature Physics, 2014, 10, 496-499.	6.5	588
105	CLASH: Photometric redshifts with 16 HST bands in galaxy cluster fields. Astronomy and Astrophysics, 2014, 562, A86.	2.1	37
106	Progress in search for highâ€redshift galaxies magnified by gravitational lensing. Astronomische Nachrichten, 2013, 334, 474-477.	0.6	1
107	Lyman break and ultraviolet-selected galaxies at z âˆ¼ 1 â€“ I. Stellar populations from the ALHAMBRA survey. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2706-2726.	1.6	5
108	Lyman Break and ultraviolet-selected galaxies at zÂâˆ¼Â1 â€“ II. PACS 100â€‰Î¼m/160â€‰Î¼m FIR detectionsâ^... Monthly Notices of the Royal Astronomical Society, 2013, 435, 158-186.	1.6	13

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109	CLASH: COMPLETE LENSING ANALYSIS OF THE LARGEST COSMIC LENS MACS J0717.5+3745 AND SURROUNDING STRUCTURES. Astrophysical Journal, 2013, 777, 43.	1.6	79
110	GALAXY HALO TRUNCATION AND GIANT ARC SURFACE BRIGHTNESS RECONSTRUCTION IN THE CLUSTER MACSJ1206.2-0847. Astrophysical Journal, 2013, 774, 124.	1.6	24
111	CLASH: THE ENHANCED LENSING EFFICIENCY OF THE HIGHLY ELONGATED MERGING CLUSTER MACS J0416.1â€“2403. Astrophysical Journal Letters, 2013, 762, L30.	3.0	153
112	THE PRE-MERGER IMPACT VELOCITY OF THE BINARY CLUSTER A1750 FROM X-RAY, LENSING, AND HYDRODYNAMICAL SIMULATIONS. Astrophysical Journal, 2013, 779, 63.	1.6	19
113	THE CONTRIBUTION OF HALOS WITH DIFFERENT MASS RATIOS TO THE OVERALL GROWTH OF CLUSTER-SIZED HALOS. Astrophysical Journal, 2013, 776, 91.	1.6	33
114	TANGENTIAL VELOCITY OF THE DARK MATTER IN THE BULLET CLUSTER FROM PRECISE LENSED IMAGE REDSHIFTS. Astrophysical Journal, 2013, 774, 70.	1.6	15
115	The ALHAMBRA survey: reliable morphological catalogue of 22Â051 early- and late-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 435, 3444-3461.	1.6	26
116	CLASH: THREE STRONGLY LENSED IMAGES OF A CANDIDATEzâ‰ˆ 11 GALAXY. Astrophysical Journal, 2013, 762, 32.	1.6	301
117	CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of thez= 0.44 galaxy cluster MACS J1206.2-0847. Astronomy and Astrophysics, 2013, 558, A1.	2.1	145
118	The ALHAMBRA survey: Discovery of a faint QSO atz= 5.41. Astronomy and Astrophysics, 2013, 557, A78.	2.1	13
119	Improving dark energy constraints with high-redshift Type Ia supernovae from CANDELS and CLASH. Astronomy and Astrophysics, 2013, 557, A64.	2.1	9
120	CLUSTER LENSING PROFILES DERIVED FROM A REDSHIFT ENHANCEMENT OF MAGNIFIED BOSS-SURVEY GALAXIES. Astrophysical Journal, 2013, 772, 65.	1.6	19
121	CLASH-VLT: spectroscopic confirmation of az= 6.11 quintuply lensed galaxy in the Frontier Fields cluster RXC J2248.7-4431. Astronomy and Astrophysics, 2013, 559, L9.	2.1	46
122	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE: AN OVERVIEW. Astrophysical Journal, Supplement Series, 2012, 199, 25.	3.0	659
123	Quasi-stellar objects in the ALHAMBRA survey. Astronomy and Astrophysics, 2012, 542, A20.	2.1	20
124	THROUGH THE LOOKING GLASS: BRIGHT, HIGHLY MAGNIFIED GALAXY CANDIDATES ATzâˆ¼ 7 BEHIND A1703. Astrophysical Journal, 2012, 747, 3.	1.6	39
125	CLASH: NEW MULTIPLE IMAGES CONSTRAINING THE INNER MASS PROFILE OF MACS J1206.2â€“0847. Astrophysical Journal, 2012, 749, 97.	1.6	58
126	SPATIALLY RESOLVEDHSTGRISM SPECTROSCOPY OF A LENSED EMISSION LINE GALAXY ATzâˆ¼ 1. Astrophysical Journal, 2012, 754, 17.	1.6	16

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127	PROFILES OF DARK MATTER VELOCITY ANISOTROPY IN SIMULATED CLUSTERS. Astrophysical Journal, 2012, 752, 141.	1.6	47
128	A BRIGHTEST CLUSTER GALAXY WITH AN EXTREMELY LARGE FLAT CORE. Astrophysical Journal, 2012, 756, 159.	1.6	62
129	CLASH: MASS DISTRIBUTION IN AND AROUND MACS J1206.2-0847 FROM A FULL CLUSTER LENSING ANALYSIS. Astrophysical Journal, 2012, 755, 56.	1.6	101
130	70 Lung Cancer in patients older than 75 years â€“ referral pathways, interventions & outcomes: experience from a cancer unit. Lung Cancer, 2012, 75, S23.	0.9	0
131	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. Astrophysical Journal, 2012, 757, 22.	1.6	112
132	Miscentring in galaxy clusters: dark matter to brightest cluster galaxy offsets in 10â€‰000 Sloan Digital Sky Survey clusters. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2944-2956.	1.6	54
133	Detecting gravitationally lensed Population III galaxies with theHubble Space Telescopeand theJames Webb Space Telescope. Monthly Notices of the Royal Astronomical Society, 2012, 427, 2212-2223.	1.6	39
134	A magnified young galaxy from about 500 million years after the Big Bang. Nature, 2012, 489, 406-408.	13.7	273
135	CLASH: DISCOVERY OF A BRIGHT z â‰ƒ 6.2 DWARF GALAXY QUADRUPLY LENSED BY MACS J0329.6-0211. Astrophysical Journal Letters, 2012, 747, L9.	3.0	42
136	Probing ionizing radiation of L â‰² 0.1 Lâœ» star-forming galaxies at z â‰² 3 with strong lensing. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 424, L54-L58.	1.2	20
137	The universal Einstein radius distribution from 10â€ƒ000 SDSS clusters. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2308-2324.	1.6	39
138	Stellar physics with the ALHAMBRA photometric system. Journal of Physics: Conference Series, 2011, 328, 012004.	0.3	2
139	QUANTIFYING THE COLLISIONLESS NATURE OF DARK MATTER AND GALAXIES IN A1689. Astrophysical Journal, 2011, 728, 40.	1.6	4
140	Comparison of an X-ray-selected sample of massive lensing clusters with the MareNostrum Universe Î›CDM simulation. Astronomy and Astrophysics, 2011, 530, A17.	2.1	62
141	CLUSTER MASS PROFILES FROM A BAYESIAN ANALYSIS OF WEAK-LENSING DISTORTION AND MAGNIFICATION MEASUREMENTS: APPLICATIONS TO SUBARU DATA. Astrophysical Journal, 2011, 729, 127.	1.6	125
142	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITHHUBBLE(CLASH): STRONG-LENSING ANALYSIS OF A383 FROM 16-BANDHST/WFC3/ACS IMAGING. Astrophysical Journal, 2011, 742, 117.	1.6	63
143	A PRECISE CLUSTER MASS PROFILE AVERAGED FROM THE HIGHEST-QUALITY LENSING DATA. Astrophysical Journal, 2011, 738, 41.	1.6	112
144	Strong-lensing analysis of MS 1358.4+6245: New multiple images and implications for the well-resolved z= 4.92 galaxy. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1753-1763.	1.6	29

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145	A weak lensing detection of the cosmological distance-redshift relation behind three massive clustersâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1840-1850.	1.6	27
146	Triaxiality and non-thermal gas pressure in Abell 1689. Monthly Notices of the Royal Astronomical Society, 2011, 416, 2567-2573.	1.6	35
147	Creation of cosmic structure in the complex galaxy cluster merger Abell 2744. Monthly Notices of the Royal Astronomical Society, 2011, 417, 333-347.	1.6	212
148	FINDING HIGH-REDSHIFT DARK STARS WITH THEJAMES WEBB SPACE TELESCOPE. Astrophysical Journal, 2010, 717, 257-267.	1.6	41
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