

# Thomas Broadhurst

## List of Publications by Year in descending order

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285  
papers

20,002  
citations

8181

76  
h-index

14208

128  
g-index

289  
all docs

289  
docs citations

289  
times ranked

6936  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE: AN OVERVIEW. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 25.	7.7	659
2	A Method for Weak Lensing Observations. <i>Astrophysical Journal</i> , 1995, 449, 460.	4.5	634
3	Cosmic structure as the quantum interference of a coherent dark wave. <i>Nature Physics</i> , 2014, 10, 496-499.	16.7	588
4	Large-scale distribution of galaxies at the Galactic poles. <i>Nature</i> , 1990, 343, 726-728.	27.8	412
5	Understanding the Core-Halo Relation of Quantum Wave Dark Matter from 3D Simulations. <i>Physical Review Letters</i> , 2014, 113, 261302.	7.8	340
6	The Morphology-Density Relation in $z \sim 1$ Clusters. <i>Astrophysical Journal</i> , 2005, 623, 721-741.	4.5	328
7	CLASH: THREE STRONGLY LENSED IMAGES OF A CANDIDATE $z \sim 11$ GALAXY. <i>Astrophysical Journal</i> , 2013, 762, 32.	4.5	301
8	Hubble Space Telescope imaging of the CFRS and LDSS redshift surveys-IV. Influence of mergers in the evolution of faint field galaxies from $z \sim 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 311, 565-575.	4.4	297
9	The K20 survey. <i>Astronomy and Astrophysics</i> , 2004, 424, 23-42.	5.1	294
10	Strong-Lensing Analysis of A1689 from Deep Advanced Camera Images. <i>Astrophysical Journal</i> , 2005, 621, 53-88.	4.5	287
11	Autofib Redshift Survey - I. Evolution of the galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 280, 235-251.	4.4	282
12	A magnified young galaxy from about 500 million years after the Big Bang. <i>Nature</i> , 2012, 489, 406-408.	27.8	273
13	The K20 survey. <i>Astronomy and Astrophysics</i> , 2002, 381, L68-L72.	5.1	235
14	CLASH: WEAK-LENSING SHEAR-AND-MAGNIFICATION ANALYSIS OF 20 GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 795, 163.	4.5	233
15	EVIDENCE FOR UBIQUITOUS HIGH-EQUIVALENT-WIDTH NEBULAR EMISSION IN $z \sim 7$ GALAXIES: TOWARD A CLEAN MEASUREMENT OF THE SPECIFIC STAR-FORMATION RATE USING A SAMPLE OF BRIGHT, MAGNIFIED GALAXIES. <i>Astrophysical Journal</i> , 2014, 784, 58.	4.5	232
16	Galaxy Size Evolution at High Redshift and Surface Brightness Selection Effects: Constraints from the Hubble Ultra Deep Field. <i>Astrophysical Journal</i> , 2004, 611, L1-L4.	4.5	224
17	Creation of cosmic structure in the complex galaxy cluster merger Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 333-347.	4.4	212
18	Hubble Space Telescope imaging of the CFRS and LDSS Redshift Surveys. II. Structural Parameters and the Evolution of Disk Galaxies to $z \sim 1$ . <i>Astrophysical Journal</i> , 1998, 500, 75-94.	4.5	212

#	ARTICLE	IF	CITATIONS
19	<i>HUBBLE SPACE TELESCOPE</i> COMBINED STRONG AND WEAK LENSING ANALYSIS OF THE CLASH SAMPLE: MASS AND MAGNIFICATION MODELS AND SYSTEMATIC UNCERTAINTIES. <i>Astrophysical Journal</i> , 2015, 801, 44.	4.5	207
20	The Surprisingly Steep Mass Profile of A1689, from a Lensing Analysis of Subaru Images. <i>Astrophysical Journal</i> , 2005, 619, L143-L146.	4.5	205
21	Advanced Camera for Surveys Photometry of the Cluster RDCS 1252.9-2927: The Color-Magnitude Relation at $z = 1.24$ . <i>Astrophysical Journal</i> , 2003, 596, L143-L146.	4.5	195
22	The K20 survey. <i>Astronomy and Astrophysics</i> , 2005, 437, 883-897.	5.1	195
23	A high-redshift IRAS galaxy with huge luminosity—hidden quasar or protogalaxy?. <i>Nature</i> , 1991, 351, 719-721.	27.8	193
24	Faint Galaxies in Deep Advanced Camera for Surveys Observations. <i>Astrophysical Journal, Supplement Series</i> , 2004, 150, 1-18.	7.7	189
25	Hubble Space Telescope Imaging of the CFRS and LDSS Redshift Surveys. I. Morphological Properties. <i>Astrophysical Journal</i> , 1998, 499, 112-133.	4.5	187
26	The Durham/Anglo—Australian Telescope faint galaxy redshift survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 235, 827-856.	4.4	184
27	Hubble Space Telescope ACS Multiband Coronagraphic Imaging of the Debris Disk around $\hat{\iota}^2$ Pictoris. <i>Astronomical Journal</i> , 2006, 131, 3109-3130.	4.7	171
28	CLASH: THE CONCENTRATION-MASS RELATION OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2015, 806, 4.	4.5	170
29	Advanced camera for the Hubble Space Telescope. , 1998, , .		167
30	New multiply-lensed galaxies identified in ACS/NIC3 observations of Cl0024+1654 using an improved mass model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1985-2002.	4.4	162
31	A CENSUS OF STAR-FORMING GALAXIES IN THE $z \sim 9-10$ UNIVERSE BASED ON HST+SPITZER OBSERVATIONS OVER 19 CLASH CLUSTERS: THREE CANDIDATE $z \sim 9-10$ GALAXIES AND IMPROVED CONSTRAINTS ON THE STAR FORMATION RATE DENSITY AT $z \sim 9.2$ . <i>Astrophysical Journal</i> , 2014, 795, 126.	4.5	159
32	Near-Infrared Bright Galaxies at $z = 2$ . Entering the Spheroid Formation Epoch?. <i>Astrophysical Journal</i> , 2004, 600, L127-L130.	4.5	155
33	CLASH: THE ENHANCED LENSING EFFICIENCY OF THE HIGHLY ELONGATED MERGING CLUSTER MACS J0416.1—2403. <i>Astrophysical Journal Letters</i> , 2013, 762, L30.	8.3	153
34	Faint galaxies: evolution and cosmological curvature. <i>Nature</i> , 1992, 355, 55-58.	27.8	152
35	The K20 survey. <i>Astronomy and Astrophysics</i> , 2002, 392, 395-406.	5.1	152
36	CONTRASTING GALAXY FORMATION FROM QUANTUM WAVE DARK MATTER, $\tilde{\nu}$ DM, WITH $\hat{\iota}$ CDM, USING PLANCK AND HUBBLE DATA. <i>Astrophysical Journal</i> , 2016, 818, 89.	4.5	151

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37	Hubble Space TelescopeACS Coronagraphic Imaging of the Circumstellar Disk around HD 141569A. <i>Astronomical Journal</i> , 2003, 126, 385-392.	4.7	150
38	The K20 survey. V. The evolution of the near-IR Luminosity Function. <i>Astronomy and Astrophysics</i> , 2003, 402, 837-848.	5.1	146
39	CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z \approx 0.44$ galaxy cluster MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2013, 558, A1.	5.1	145
40	Discovery of a Ringlike Dark Matter Structure in the Core of the Galaxy Cluster Cl 0024+17. <i>Astrophysical Journal</i> , 2007, 661, 728-749.	4.5	138
41	Can the Steep Mass Profile of A1689 Be Explained by a Triaxial Dark Halo?. <i>Astrophysical Journal</i> , 2005, 632, 841-846.	4.5	134
42	CLASH-VLT: INSIGHTS ON THE MASS SUBSTRUCTURES IN THE FRONTIER FIELDS CLUSTER MACS J0416.1+2403 THROUGH ACCURATE STRONG LENS MODELING. <i>Astrophysical Journal</i> , 2015, 800, 38.	4.5	132
43	A Wide Area Survey for High-Redshift Massive Galaxies. I. Number Counts and Clustering of BzKs and EROs. <i>Astrophysical Journal</i> , 2006, 638, 72-87.	4.5	128
44	Comparison of Cluster Lensing Profiles with $\Lambda$ CDM Predictions. <i>Astrophysical Journal</i> , 2008, 685, L9-L12.	4.5	127
45	CLUSTER MASS PROFILES FROM A BAYESIAN ANALYSIS OF WEAK-LENSING DISTORTION AND MAGNIFICATION MEASUREMENTS: APPLICATIONS TO SUBARU DATA. <i>Astrophysical Journal</i> , 2011, 729, 127.	4.5	125
46	Combining Lens Distortion and Depletion to Map the Mass Distribution of A1689. <i>Astrophysical Journal</i> , 2008, 684, 177-203.	4.5	121
47	Understanding caustic crossings in giant arcs: Characteristic scales, event rates, and constraints on compact dark matter. <i>Physical Review D</i> , 2018, 97, .	4.7	121
48	THE ALHAMBRA SURVEY: A LARGE AREA MULTIMEDIUM-BAND OPTICAL AND NEAR-INFRARED PHOTOMETRIC SURVEY. <i>Astronomical Journal</i> , 2008, 136, 1325-1339.	4.7	117
49	Hubble Space TelescopeAdvanced Camera for Surveys Coronagraphic Imaging of the AU Microscopii Debris Disk. <i>Astronomical Journal</i> , 2005, 129, 1008-1017.	4.7	116
50	THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. <i>Astrophysical Journal</i> , 2014, 797, 34.	4.5	115
51	A GEOMETRICALLY SUPPORTED $z \approx 1/4$ 10 CANDIDATE MULTIPLY IMAGED BY THE HUBBLE FRONTIER FIELDS CLUSTER A2744. <i>Astrophysical Journal Letters</i> , 2014, 793, L12.	8.3	114
52	A PRECISE CLUSTER MASS PROFILE AVERAGED FROM THE HIGHEST-QUALITY LENSING DATA. <i>Astrophysical Journal</i> , 2011, 738, 41.	4.5	112
53	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. <i>Astrophysical Journal</i> , 2012, 757, 22.	4.5	112
54	Discovery of a Very Bright Strongly Lensed Galaxy Candidate at $z \approx 7.61$ . <i>Astrophysical Journal</i> , 2008, 678, 647-654.	4.5	111

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55	Star Formation at $z \sim 6$ : The Hubble Ultra Deep Parallel Fields. <i>Astrophysical Journal</i> , 2004, 606, L25-L28.	4.5	108
56	The K20 survey. <i>Astronomy and Astrophysics</i> , 2002, 391, L1-L5.	5.1	108
57	Spectral Evidence for Widespread Galaxy Outflows at $z \sim 6$ . <i>Astrophysical Journal</i> , 2004, 606, L25-L28.	4.5	107
58	Overview of the Advanced Camera for Surveys on-orbit performance. , 2003, , .		107
59	A large population of Lyman-break galaxies in a protocluster at redshift $z \sim 4.1$ . <i>Nature</i> , 2004, 427, 47-50.	27.8	106
60	[ITAL]Hubble Space Telescope[/ITAL] Imaging of the CFRS and LDSS Redshift Surveys. III. Field Elliptical Galaxies at $0.2 < z < 1.0$ . <i>Astrophysical Journal</i> , 1999, 525, 31-46.	4.5	106
61	CLASH-X: A COMPARISON OF LENSING AND X-RAY TECHNIQUES FOR MEASURING THE MASS PROFILES OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 794, 136.	4.5	105
62	CLASH: MASS DISTRIBUTION IN AND AROUND MACS J1206.2-0847 FROM A FULL CLUSTER LENSING ANALYSIS. <i>Astrophysical Journal</i> , 2012, 755, 56.	4.5	101
63	MASS AND HOT BARYONS IN MASSIVE GALAXY CLUSTERS FROM SUBARU WEAK-LENSING AND AMiBA SUNYAEV-ZEL'DOVICH EFFECT OBSERVATIONS. <i>Astrophysical Journal</i> , 2009, 694, 1643-1663.	4.5	99
64	CLASH: A CENSUS OF MAGNIFIED STAR-FORMING GALAXIES AT $z \sim 6-8$ . <i>Astrophysical Journal</i> , 2014, 792, 76.	4.5	98
65	CLASH-VLT: A highly precise strong lensing model of the galaxy cluster RXC J2248.7+4431 (Abell S1063) and prospects for cosmography. <i>Astronomy and Astrophysics</i> , 2016, 587, A80.	5.1	98
66	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	10.1	97
67	Precise LIGO lensing rate predictions for binary black holes. <i>Physical Review D</i> , 2018, 97, .	4.7	92
68	Star Formation at $z \sim 6$ : iDropouts in the Advanced Camera for Surveys Guaranteed Time Observation Fields. <i>Astrophysical Journal</i> , 2003, 595, 589-602.	4.5	91
69	A faint galaxy redshift survey to $B=24$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 273, 157-168.	4.4	89
70	REFSDAL MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. <i>Astrophysical Journal</i> , 2016, 817, 60.	4.5	88
71	A Gravitational Lens Solution for the [ITAL]IRAS[/ITAL] Galaxy FSC 10214+4724. <i>Astrophysical Journal</i> , 1995, 450, L41-L44.	4.5	84
72	Spectroscopy of faint radio sources: the nature of the sub-mJy radio-source population. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 263, 98-122.	4.4	82

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73	CLASH-VLT: DISSECTING THE FRONTIER FIELDS GALAXY CLUSTER MACS J0416.1-2403 WITH $\lambda^1/4800$ SPECTRA OF MEMBER GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 33.	7.7	82
74	DISCOVERY OF THE LARGEST KNOWN LENSED IMAGES FORMED BY A CRITICALLY CONVERGENT LENSING CLUSTER. <i>Astrophysical Journal</i> , 2009, 703, L132-L136.	4.5	81
75	The ultraviolet-to-radio continuum of the ultraluminous galaxy IRAS F10214 + 4724. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 261, 513-521.	4.4	80
76	CLASH: COMPLETE LENSING ANALYSIS OF THE LARGEST COSMIC LENS MACS J0717.5+3745 AND SURROUNDING STRUCTURES. <i>Astrophysical Journal</i> , 2013, 777, 43.	4.5	79
77	Gravitational Lens Magnification and the Mass of Abell 1689. <i>Astrophysical Journal</i> , 1998, 501, 539-553.	4.5	78
78	THE LARGEST GRAVITATIONAL LENS: MACS J0717.5+3745 ( $\langle i \rangle z \langle /i \rangle = 0.546$ ). <i>Astrophysical Journal</i> , 2009, 707, L102-L106.	4.5	78
79	Autofib Redshift Survey – II. Evolution of the galaxy luminosity function by spectral type. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 285, 613-634.	4.4	76
80	A HIGH-RESOLUTION MASS MAP OF GALAXY CLUSTER SUBSTRUCTURE: LensPerfect ANALYSIS OF A1689. <i>Astrophysical Journal</i> , 2010, 723, 1678-1702.	4.5	76
81	Dark Matter under the Microscope: Constraining Compact Dark Matter with Caustic Crossing Events. <i>Astrophysical Journal</i> , 2018, 857, 25.	4.5	75
82	THE MASS STRUCTURE OF THE GALAXY CLUSTER Cl0024+1654 FROM A FULL LENSING ANALYSIS OF JOINT SUBARU AND ACS/NIC3 OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 714, 1470-1496.	4.5	74
83	The evolution of faint radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 263, 123-130.	4.4	73
84	The ALHAMBRA Survey: Bayesian photometric redshifts with 23 bands for $3\hat{A}deg^2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2891-2922.	4.4	73
85	Clustering of Star-forming Galaxies Near a Radio Galaxy at $z=0.52$ . <i>Astrophysical Journal</i> , 2006, 637, 58-78	4.5	72
86	Evolution of the Color-Magnitude Relation in High-Redshift Clusters: Blue Early-Type Galaxies and Red Pairs in RDCS J0910+5422. <i>Astrophysical Journal</i> , 2006, 639, 81-94.	4.5	69
87	An Overdensity of Galaxies near the Most Distant Radio Cloud Quasar. <i>Astrophysical Journal</i> , 2006, 640, 574-578.	4.5	67
88	ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. <i>Astrophysical Journal</i> , 2015, 811, 70.	4.5	67
89	$\langle i \rangle z \langle /i \rangle^1/4$ 7-10 GALAXIES BEHIND LENSING CLUSTERS: CONTRAST WITH FIELD SEARCH RESULTS. <i>Astrophysical Journal</i> , 2009, 690, 1764-1771.	4.5	66
90	The Redshift of the Gravitationally Lensed Radio Source PKS 1830-211. <i>Astrophysical Journal</i> , 1999, 514, L57-L60.	4.5	66

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91	Faint blue galaxies: high or low redshift?. Monthly Notices of the Royal Astronomical Society, 1993, 261, 19-38.	4.4	64
92	DYNAMICAL STUDY OF A1689 FROM WIDE-FIELD VLT/VIMOS SPECTROSCOPY: MASS PROFILE, CONCENTRATION PARAMETER, AND VELOCITY ANISOTROPY. Astrophysical Journal, 2009, 701, 1336-1346.	4.5	64
93	Non-parametric mass reconstruction of A1689 from strong lensing data with the Strong Lensing Analysis Package. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1247-1258.	4.4	63
94	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE (CLASH): STRONG-LENSING ANALYSIS OF A383 FROM 16-BAND HST/WFC3/ACS IMAGING. Astrophysical Journal, 2011, 742, 117.	4.5	63
95	Intracluster light properties in the CLASH-VLT cluster MACS J1206.2-0847. Astronomy and Astrophysics, 2014, 565, A126.	5.1	63
96	Cloning Dropouts: Implications for Galaxy Evolution at High Redshift. Astrophysical Journal, 2003, 593, 640-660.	4.5	62
97	Discovery of Multiply Imaged Galaxies behind the Cluster and Lensed Quasar SDSS J1004+4112. Astrophysical Journal, 2005, 629, L73-L76.	4.5	62
98	OPTIMAL FILTER SYSTEMS FOR PHOTOMETRIC REDSHIFT ESTIMATION. Astrophysical Journal, 2009, 692, L5-L8.	4.5	62
99	Comparison of an X-ray-selected sample of massive lensing clusters with the MareNostrum Universe $\Lambda$ CDM simulation. Astronomy and Astrophysics, 2011, 530, A17.	5.1	62
100	A BRIGHTEST CLUSTER GALAXY WITH AN EXTREMELY LARGE FLAT CORE. Astrophysical Journal, 2012, 756, 159.	4.5	62
101	Using Weak Lensing Dilution to Improve Measurements of the Luminous and Dark Matter in A1689. Astrophysical Journal, 2007, 663, 717-733.	4.5	62
102	Strong-lensing analysis of a complete sample of 12 MACS clusters at $z > 0.5$ : mass models and Einstein radii. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	61
103	YOUNG GALAXY CANDIDATES IN THE HUBBLE FRONTIER FIELDS. I. A2744. Astrophysical Journal, 2014, 795, 93.	4.5	61
104	Strong lensing models of eight CLASH clusters from extensive spectroscopy: Accurate total mass reconstructions in the cores. Astronomy and Astrophysics, 2019, 632, A36.	5.1	61
105	Mass and gas profiles in A1689: joint X-ray and lensing analysis. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1092-1106.	4.4	60
106	The spatial clustering of distant, $z \sim 1$ , early-type galaxies. Astronomy and Astrophysics, 2001, 376, 825-836.	5.1	60
107	A Spectroscopic Redshift for the Cl 0024+16 Multiple Arc System: Implications for the Central Mass Distribution. Astrophysical Journal, 2000, 534, L15-L18.	4.5	59
108	CLASH: NEW MULTIPLE IMAGES CONSTRAINING THE INNER MASS PROFILE OF MACS J1206.2-0847. Astrophysical Journal, 2012, 749, 97.	4.5	58

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109	Discovering intermediate-mass black hole lenses through gravitational wave lensing. Physical Review D, 2018, 98, .	4.7	58
110	The K20 survey. Astronomy and Astrophysics, 2002, 384, L1-L5.	5.1	58
111	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	7.7	57
112	THREE-DIMENSIONAL MULTI-PROBE ANALYSIS OF THE GALAXY CLUSTER A1689. Astrophysical Journal, 2015, 806, 207.	4.5	56
113	Discovery of Red-selected Arcs at $[CLC]z[CLC] = 4.04$ behind Abell 2390. Astrophysical Journal, 1998, 499, L115-L118.	4.5	55
114	Miscentring in galaxy clusters: dark matter to brightest cluster galaxy offsets in 10% Sloan Digital Sky Survey clusters. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2944-2956.	4.4	54
115	Recognizing Axionic Dark Matter by Compton and de Broglie Scale Modulation of Pulsar Timing. Physical Review Letters, 2017, 119, 221103.	7.8	54
116	The minjPAS survey: A preview of the Universe in 56 colors. Astronomy and Astrophysics, 2021, 653, A31.	5.1	54
117	Advanced Camera for Surveys Observations of Young Star Clusters in the Interacting Galaxy UGC 10214. Astrophysical Journal, 2003, 585, 750-755.	4.5	53
118	YOUNG GALAXY CANDIDATES IN THE HUBBLE FRONTIER FIELDS. III. MACSJ0717.5+3745. Astrophysical Journal, 2016, 820, 98.	4.5	53
119	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.	4.4	53
120	A highly magnified star at redshift 6.2. Nature, 2022, 603, 815-818.	27.8	53
121	Discovery of Two Distant Type Ia Supernovae in the Hubble Deep Fieldâ€œNorth with the Advanced Camera for Surveys. Astrophysical Journal, 2003, 589, 693-703.	4.5	52
122	Cloning Hubble Deep Fields. I. A Model-independent Measurement of Galaxy Evolution. Astrophysical Journal, 1998, 506, 557-578.	4.5	51
123	Free-form lensing implications for the collision of dark matter and gas in the frontier fields cluster MACSJ0416.1+2403. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3130-3149.	4.4	50
124	Observational signatures of microlensing in gravitational waves at LIGO/Virgo frequencies. Astronomy and Astrophysics, 2019, 627, A130.	5.1	50
125	LensPerfect: Gravitational Lens Mass Map Reconstructions Yielding Exact Reproduction of All Multiple Images. Astrophysical Journal, 2008, 681, 814-830.	4.5	49
126	Detailed cluster mass and light profiles of A1703, A370 and RXJ1347+11 from deep Subaru imaging. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	49



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127	CLASH: $z \approx 6$ young galaxy candidate quintuply lensed by the frontier field cluster RXC J2248.7-4431. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1417-1434.	4.4	49
128	BRIGHT STRONGLY LENSED GALAXIES AT REDSHIFT $z \approx 6-7$ BEHIND THE CLUSTERS ABELL 1703 AND CLO024+16. Astrophysical Journal, 2009, 697, 1907-1917.	4.5	48
129	PROFILES OF DARK MATTER VELOCITY ANISOTROPY IN SIMULATED CLUSTERS. Astrophysical Journal, 2012, 752, 141.	4.5	47
130	A RIGOROUS FREE-FORM LENS MODEL OF A2744 TO MEET THE HUBBLE FRONTIER FIELDS CHALLENGE. Astrophysical Journal, 2014, 797, 98.	4.5	46
131	CLASH-VLT: spectroscopic confirmation of a $z = 6.11$ quintuply lensed galaxy in the Frontier Fields cluster RXC J2248.7-4431. Astronomy and Astrophysics, 2013, 559, L9.	5.1	46
132	Internal Color Properties of Resolved Spheroids in the DeepHubble Space Telescope Advanced Camera for Surveys Field of UGC 10214. Astrophysical Journal, 2004, 612, 202-214.	4.5	45
133	THREE GRAVITATIONALLY LENSED SUPERNOVAE BEHIND CLASH GALAXY CLUSTERS. Astrophysical Journal, 2014, 786, 9.	4.5	45
134	Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys. Astronomical Journal, 2004, 128, 1529-1540.	4.7	44
135	Feedback and Brightest Cluster Galaxy Formation: ACS Observations of the Radio Galaxy TN J1338+1942 at $z = 4.1$ . Astrophysical Journal, 2005, 630, 68-81.	4.5	44
136	The Projected Dark and Baryonic Ellipsoidal Structure of 20 CLASH Galaxy Clusters*. Astrophysical Journal, 2018, 860, 104.	4.5	44
137	The Transformation of Cluster Galaxies at Intermediate Redshift. Astrophysical Journal, 2005, 621, 651-662.	4.5	43
138	Full lensing analysis of Abell 1703: comparison of independent lens-modelling techniques. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1916-1927.	4.4	43
139	CLASH: DISCOVERY OF A BRIGHT $z \approx 6.2$ DWARF GALAXY QUADRUPLY LENSED BY MACS J0329.6-0211. Astrophysical Journal Letters, 2012, 747, L9.	8.3	42
140	The Role of Heating and Enrichment in Galaxy Formation. Astrophysical Journal, 2001, 549, 28-45.	4.5	42
141	Detection of Evolved High-Redshift Galaxies in Deep NICMOS/VLT Images. Astrophysical Journal, 1999, 515, L65-L68.	4.5	41
142	FINDING HIGH-REDSHIFT DARK STARS WITH THE JAMES WEBB SPACE TELESCOPE. Astrophysical Journal, 2010, 717, 257-267.	4.5	41
143	Unveiling the Dynamical State of Massive Clusters through the ICL Fraction. Astrophysical Journal, 2018, 857, 79.	4.5	41
144	Optical, infrared, radio and polarization imaging of the high-redshift galaxy IRAS F10214 + 4724. Monthly Notices of the Royal Astronomical Society, 1993, 260, 28-36.	4.4	40

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145	The Influence of Galactic Outflows on the Formation of Nearby Dwarf Galaxies. <i>Astrophysical Journal</i> , 2000, 536, L11-L14.	4.5	40
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