Mark Brodwin

List of Publications by Year
in descending order

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199 papers	17,608 citations	13068 68 h-index	14702 127 g-index
202 all docs	202 docs citations	202 times ranked	7240 citing authors

#	Article	IF	Citations
1	THEHUBBLE SPACE TELESCOPECLUSTER SUPERNOVA SURVEY. V. IMPROVING THE DARK-ENERGY CONSTRAINTS ABOVEz> 1 AND BUILDING AN EARLY-TYPE-HOSTED SUPERNOVA SAMPLE. Astrophysical Journal, 2012, 746, 85.	1.6	1,382
2	GOODSâ€“Herschel: an infrared main sequence for star-forming galaxies. Astronomy and Astrophysics, 2011, 533, A119.	2.1	889
3	Midâ€Infrared Selection of Active Galaxies. Astrophysical Journal, 2005, 631, 163-168.	1.6	788
4	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. Astrophysical Journal, Supplement Series, 2015, 216, 27.	3.0	464
5	HOST GALAXIES, CLUSTERING, EDDINGTON RATIOS, AND EVOLUTION OF RADIO, X-RAY, AND INFRARED-SELECTED AGNs. Astrophysical Journal, 2009, 696, 891-919.	1.6	407
6	MID-INFRARED SELECTION OF ACTIVE GALACTIC NUCLEI WITH THEWIDE-FIELD INFRARED SURVEY EXPLORER. II. PROPERTIES OFWISE-SELECTED ACTIVE GALACTIC NUCLEI IN THE NDWFS BOÃ–TES FIELD. Astrophysical Journal, 2013, 772, 26.	1.6	316
7	GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-ZEL'DOVICH EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. Astrophysical Journal, 2010, 722, 1180-1196.	1.6	285
8	The Evolving Luminosity Function of Red Galaxies. Astrophysical Journal, 2007, 654, 858-877.	1.6	275
9	Dusty starburst galaxies in the early Universe as revealed by gravitational lensing. Nature, 2013, 495, 344-347.	13.7	255
10	EXTRAGALACTIC MILLIMETER-WAVE SOURCES IN SOUTH POLE TELESCOPE SURVEY DATA: SOURCE COUNTS, CATALOG, AND STATISTICS FOR AN 87 SQUARE-DEGREE FIELD. Astrophysical Journal, 2010, 719, 763-783.	1.6	252
11	LOW-RESOLUTION SPECTRAL TEMPLATES FOR ACTIVE GALACTIC NUCLEI AND GALAXIES FROM 0.03 TO 30 Î¼m. Astrophysical Journal, 2010, 713, 970-985.	1.6	251
12	A Significant Population of Very Luminous Dustâ€Obscured Galaxies at Redshiftzâˆ¼ 2. Astrophysical Journal, 2008, 677, 943-956.	1.6	248
13	Number Counts at 3 Î¼m < Î» < 10 Î¼m from the Spitzer Space Telescope. Astrophysical Journal, Supplement Series, 2004, 154, 39-43.	3.0	244
14	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZELâ€™DOVICH EFFECT IN THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2013, 763, 127.	1.6	240
15	ALMA REDSHIFTS OF MILLIMETER-SELECTED GALAXIES FROM THE SPT SURVEY: THE REDSHIFT DISTRIBUTION OF DUSTY STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 767, 88.	1.6	232
16	Clusters of Galaxies in the First Half of the Universe from the IRAC Shallow Survey. Astrophysical Journal, 2008, 684, 905-932.	1.6	225
17	ASPITZER-SELECTED GALAXY CLUSTER ATz= 1.62. Astrophysical Journal, 2010, 716, 1503-1513.	1.6	218
18	A SUNYAEV-ZEL'DOVICH-SELECTED SAMPLE OF THE MOST MASSIVE GALAXY CLUSTERS IN THE 2500 deg²SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2011, 738, 139.	1.6	213

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19	Cluster Cosmology Constraints from the 2500 deg² SPT-SZ Survey: Inclusion of Weak Gravitational Lensing Data from Magellan and the Hubble Space Telescope. Astrophysical Journal, 2019, 878, 55.	1.6	211
20	COSMOLOGICAL CONSTRAINTS FROM SUNYAEVâ€“ZEL'DOVICH-SELECTED CLUSTERS WITH X-RAY OBSERVATIONS IN THE FIRST 178Âdeg² OF THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2013, 763, 147.	1.6	206
21	REVERSAL OF FORTUNE: CONFIRMATION OF AN INCREASING STAR FORMATIONâ€“DENSITY RELATION IN A CLUSTER AT z = 1.62. Astrophysical Journal Letters, 2010, 719, L126-L129.	3.0	187
22	THESPITZERDEEP, WIDE-FIELD SURVEY. Astrophysical Journal, 2009, 701, 428-453.	1.6	183
23	The Infrared Array Camera (IRAC) Shallow Survey. Astrophysical Journal, Supplement Series, 2004, 154, 48-53.	3.0	179
24	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. Astrophysical Journal, 2016, 832, 95.	1.6	179
25	A CORRELATION BETWEEN STAR FORMATION RATE AND AVERAGE BLACK HOLE ACCRETION IN STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 773, 3.	1.6	171
26	Galaxy growth in a massive halo in the first billion years of cosmic history. Nature, 2018, 553, 51-54.	13.7	169
27	THE ERA OF STAR FORMATION IN GALAXY CLUSTERS. Astrophysical Journal, 2013, 779, 138.	1.6	166
28	GALAXY CLUSTERS AROUND RADIO-LOUD ACTIVE GALACTIC NUCLEI AT 1.3 <<i>z</i>< 3.2 AS SEEN BY<i>SPITZER</i>. Astrophysical Journal, 2013, 769, 79.	1.6	164
29	THE HOST GALAXIES OFSWIFTDARK GAMMA-RAY BURSTS: OBSERVATIONAL CONSTRAINTS ON HIGHLY OBSCURED AND VERY HIGH REDSHIFT GRBs. Astronomical Journal, 2009, 138, 1690-1708.	1.9	163
30	Red Galaxy Growth and the Halo Occupation Distribution. Astrophysical Journal, 2008, 682, 937-963.	1.6	156
31	A massive, cooling-flow-induced starburst in the core of a luminous cluster of galaxies. Nature, 2012, 488, 349-352.	13.7	154
32	THE GROWTH OF COOL CORES AND EVOLUTION OF COOLING PROPERTIES IN A SAMPLE OF 83 GALAXY CLUSTERS AT 0.3 <<i>z</i>< 1.2 SELECTED FROM THE SPT-SZ SURVEY. Astrophysical Journal, 2013, 774, 23.	1.6	144
33	X-RAY PROPERTIES OF THE FIRST SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTER SAMPLE FROM THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2011, 738, 48.	1.6	137
34	A physical model for zâ¼ 2 dust-obscured galaxiesâ€¦. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1701-1720.	1.6	134
35	Photometric Redshifts in the IRAC Shallow Survey. Astrophysical Journal, 2006, 651, 791-803.	1.6	133
36	THE CLUSTER AND FIELD GALAXY ACTIVE GALACTIC NUCLEUS FRACTION ATz= 1-1.5: EVIDENCE FOR A REVERSAL OF THE LOCAL ANTICORRELATION BETWEEN ENVIRONMENT AND AGN FRACTION. Astrophysical Journal, 2013, 768, 1.	1.6	130

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37	A massive core for a cluster of galaxies at a redshift of 4.3. Nature, 2018, 556, 469-472.	13.7	127
38	IDCS J1426.5+3508: DISCOVERY OF A MASSIVE, INFRARED-SELECTED GALAXY CLUSTER ATz= 1.75. Astrophysical Journal, 2012, 753, 164.	1.6	125
39	Discovery of a Large â¼200 kpc Gaseous Nebula atzâ‰ˆ 2.7 with theSpitzer Space Telescope. Astrophysical Journal, 2005, 629, 654-666.	1.6	124
40	THE ASSEMBLY HISTORIES OF QUIESCENT GALAXIES SINCEz= 0.7 FROM ABSORPTION LINE SPECTROSCOPY. Astrophysical Journal, 2014, 792, 95.	1.6	124
41	MAPPING THE GALAXY COLORâ€“REDSHIFT RELATION: OPTIMAL PHOTOMETRIC REDSHIFT CALIBRATION STRATEGIES FOR COSMOLOGY SURVEYS. Astrophysical Journal, 2015, 813, 53.	1.6	124
42	MASS CALIBRATION AND COSMOLOGICAL ANALYSIS OF THE SPT-SZ GALAXY CLUSTER SAMPLE USING VELOCITY DISPERSION Ï*f*_vAND X-RAYY_XMEASUREMENTS. Astrophysical Journal, 2015, 799, 214.	1.6	120
43	A Large Population of Midâ€Infraredâ€“selected, Obscured Active Galaxies in the Bootes Field. Astrophysical Journal, 2007, 671, 1365-1387.	1.6	119
44	X-RAY CAVITIES IN A SAMPLE OF 83 SPT-SELECTED CLUSTERS OF GALAXIES: TRACING THE EVOLUTION OF AGN FEEDBACK IN CLUSTERS OF GALAXIES OUT TOz= 1.2. Astrophysical Journal, 2015, 805, 35.	1.6	115
45	An IR-selected Galaxy Cluster at z = 1.41. Astrophysical Journal, 2005, 634, L129-L132.	1.6	114
46	ALMA OBSERVATIONS OF SPT-DISCOVERED, STRONGLY LENSED, DUSTY, STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 767, 132.	1.6	109
47	The Remarkable Similarity of Massive Galaxy Clusters from zÂâ¼Â0 to zÂâ¼Â1.9. Astrophysical Journal, 2017, 843, 28.	1.6	106
48	The FLAMINGOS Extragalactic Survey. Astrophysical Journal, 2006, 639, 816-826.	1.6	106
49	THE REST-FRAME SUBMILLIMETER SPECTRUM OF HIGH-REDSHIFT, DUSTY, STAR-FORMING GALAXIES. Astrophysical Journal, 2014, 785, 149.	1.6	105
50	SCALING RELATIONS AND OVERABUNDANCE OF MASSIVE CLUSTERS ATzâ‰³ 1 FROM WEAK-LENSING STUDIES WITH THEHUBBLE SPACE TELESCOPE. Astrophysical Journal, 2011, 737, 59.	1.6	104
51	DISCOVERY AND COSMOLOGICAL IMPLICATIONS OF SPT-CL J2106-5844, THE MOST MASSIVE KNOWN CLUSTER AT z>1. Astrophysical Journal, 2011, 731, 86.	1.6	104
52	OPTICAL SPECTROSCOPY AND VELOCITY DISPERSIONS OF GALAXY CLUSTERS FROM THE SPT-SZ SURVEY. Astrophysical Journal, 2014, 792, 45.	1.6	103
53	The SPTpol Extended Cluster Survey. Astrophysical Journal, Supplement Series, 2020, 247, 25.	3.0	101
54	CLUSTERING OF OBSCURED AND UNOBSCURED QUASARS IN THE BOÃ–TES FIELD: PLACING RAPIDLY GROWING BLACK HOLES IN THE COSMIC WEB. Astrophysical Journal, 2011, 731, 117.	1.6	98

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55	The Nature of FaintSpitzerâ€selected Dustâ€obscured Galaxies. Astrophysical Journal, 2008, 689, 127-133.	1.6	96
56	SPT-CL J0546-5345: A MASSIVEz>1 GALAXY CLUSTER SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2010, 721, 90-97.	1.6	94
57	THE REDSHIFT EVOLUTION OF THE MEAN TEMPERATURE, PRESSURE, AND ENTROPY PROFILES IN 80 SPT-SELECTED GALAXY CLUSTERS. Astrophysical Journal, 2014, 794, 67.	1.6	90
58	REDSHIFTS, SAMPLE PURITY, AND BCG POSITIONS FOR THE GALAXY CLUSTER CATALOG FROM THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2012, 761, 22.	1.6	89
59	Constraints on the richnessâ€“mass relation and the optical-SZE positional offset distribution for SZE-selected clusters. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2305-2319.	1.6	87
60	The evolution of dust-obscured star formation activity in galaxy clusters relative to the field over the last 9 billion yearsâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 437, 437-457.	1.6	83
61	THE FORMATION OF MASSIVE CLUSTER GALAXIES. Astrophysical Journal, 2010, 720, 284-298.	1.6	81
62	The Canadaâ€“United Kingdom Deep Submillimeter Survey. V. The Submillimeter Properties of Lyman Break Galaxies. Astrophysical Journal, 2003, 582, 6-16.	1.6	79
63	Alma Observations of Massive Molecular Gas Filaments Encasing Radio Bubbles in the Phoenix Cluster. Astrophysical Journal, 2017, 836, 130.	1.6	79
64	THE COSMIC EVOLUTION OF ACTIVE GALACTIC NUCLEI IN GALAXY CLUSTERS. Astrophysical Journal, 2009, 694, 1309-1316.	1.6	76
65	A MEASUREMENT OF THE CORRELATION OF GALAXY SURVEYS WITH CMB LENSING CONVERGENCE MAPS FROM THE SOUTH POLE TELESCOPE. Astrophysical Journal Letters, 2012, 753, L9.	3.0	76
66	A COSMIC MICROWAVE BACKGROUND LENSING MASS MAP AND ITS CORRELATION WITH THE COSMIC INFRARED BACKGROUND. Astrophysical Journal Letters, 2013, 771, L16.	3.0	76
67	X-Ray Properties of SPT-selected Galaxy Clusters at 0.2 < z < 1.5 Observed with XMM-Newton. Astrophysical Journal, 2019, 871, 50.	1.6	74
68	STAR-FORMING BRIGHTEST CLUSTER GALAXIES AT 0.25Â<ÂzÂ<Â1.25: A TRANSITIONING FUEL SUPPLY. Astrophysical Journal, 2016, 817, 86.	1.6	70
69	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.	1.6	70
70	STAR FORMATION AND AGN ACTIVITY IN GALAXY CLUSTERS FROM z = 1â€“2: A MULTI-WAVELENGTH ANALYSIS FEATURING HERSCHEL/PACS. Astrophysical Journal, 2016, 825, 72.	1.6	68
71	SUBMILLIMETER OBSERVATIONS OF MILLIMETER BRIGHT GALAXIES DISCOVERED BY THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2012, 756, 101.	1.6	67
72	IDCS J1433.2+3306: AN INFRARED-SELECTED GALAXY CLUSTER ATz= 1.89. Astrophysical Journal, 2012, 756, 115.	1.6	67

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73	A MEASUREMENT OF GRAVITATIONAL LENSING OF THE COSMIC MICROWAVE BACKGROUND BY GALAXY CLUSTERS USING DATA FROM THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2015, 806, 247.	1.6	66
74	Spectroscopic needs for imaging dark energy experiments. Astroparticle Physics, 2015, 63, 81-100.	1.9	66
75	THE STELLAR MASS GROWTH OF BRIGHTEST CLUSTER GALAXIES IN THE IRAC SHALLOW CLUSTER SURVEY. Astrophysical Journal, 2013, 771, 61.	1.6	64
76	THE EVOLUTION OF THE INTRACLUSTER MEDIUM METALLICITY IN SUNYAEV ZELâ€™DOVICH-SELECTED GALAXY CLUSTERS AT 0Â<ÂzÂ<Â1.5. Astrophysical Journal, 2016, 826, 124.	1.6	63
77	ASSEMBLY OF THE RED SEQUENCE IN INFRARED-SELECTED GALAXY CLUSTERS FROM THE IRAC SHALLOW CLUSTER SURVEY. Astrophysical Journal, 2012, 756, 114.	1.6	61
78	THE GALAXY CLUSTER MID-INFRARED LUMINOSITY FUNCTION AT 1.3 <i>z</i>< 3.2. Astrophysical Journal, 2014, 786, 17.	1.6	61
79	AN INTENSIVEHUBBLE SPACE TELESCOPESURVEY FORz>1 TYPE Ia SUPERNOVAE BY TARGETING GALAXY CLUSTERS. Astronomical Journal, 2009, 138, 1271-1283.	1.9	60
80	X-RAY EMISSION FROM TWO INFRARED-SELECTED GALAXY CLUSTERS ATz> 1.4 IN THE IRAC SHALLOW CLUSTER SURVEY. Astrophysical Journal, 2011, 732, 33.	1.6	60
81	A NEW REDUCTION OF THE BLANCO COSMOLOGY SURVEY: AN OPTICALLY SELECTED GALAXY CLUSTER CATALOG AND A PUBLIC RELEASE OF OPTICAL DATA PRODUCTS. Astrophysical Journal, Supplement Series, 2015, 216, 20.	3.0	60
82	Sunyaevâ€“Zelâ€™dovich effect and X-ray scaling relations from weak lensing mass calibration of 32 South Pole Telescope selected galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2871-2906.	1.6	60
83	OPTICAL REDSHIFT AND RICHNESS ESTIMATES FOR GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-Zel'dovich EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. Astrophysical Journal, 2010, 723, 1736-1747.	1.6	59
84	THE AVERAGE PHYSICAL PROPERTIES AND STAR FORMATION HISTORIES OF THE UV-BRIGHTEST STAR-FORMING GALAXIES ATzâˆ¼ 3.7. Astrophysical Journal, 2011, 733, 99.	1.6	59
85	Lowâ€Resolution Spectral Templates for Galaxies from 0.2 to 10 Î¼m. Astrophysical Journal, 2008, 676, 286-303.	1.6	58
86	Clustering of Dust-Obscured Galaxies at z ~ 2. Astrophysical Journal, 2008, 687, L65-L68.	1.6	57
87	Nearâ€Infrared Spectroscopy of 0.4 <z< 1.0 CFRS Galaxies: Oxygen Abundances, SFRs, and Dust. Astrophysical Journal, 2005, 634, 849-860.	1.6	55
88	The Local Galaxy 8 Î¼m Luminosity Function. Astrophysical Journal, 2007, 664, 840-849.	1.6	55
89	IDCS J1426.5+3508: SUNYAEV-ZELâ€™DOVICH MEASUREMENT OF A MASSIVE INFRARED-SELECTED CLUSTER ATz= 1.75. Astrophysical Journal, 2012, 753, 162.	1.6	55
90	SPT-CL J0205â€“5829: Az= 1.32 EVOLVED MASSIVE GALAXY CLUSTER IN THE SOUTH POLE TELESCOPE SUNYAEV-ZEL'DOVICH EFFECT SURVEY. Astrophysical Journal, 2013, 763, 93.	1.6	54

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91	A MATURE GALAXY CLUSTER AT zÂ=Â1.58 AROUND THE RADIO GALAXY 7C 1753+6311. Astrophysical Journal, 2016, 816, 83.	1.6	54
92	Baryon content of massive galaxy clusters at 0.57Â<Â<i>z</i>Â<Â1.33. Monthly Notices of the Royal Astronomical Society, 2016, 455, 258-275.	1.6	54
93	A DIRECT MEASUREMENT OF THE LINEAR BIAS OF MID-INFRARED-SELECTED QUASARS AT z â‰ˆ 1 USING COSMIC MICROWAVE BACKGROUND LENSING. Astrophysical Journal Letters, 2013, 776, L41.	3.0	52
94	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.	1.6	52
95	Constraints on the CMB temperature evolution using multiband measurements of the Sunyaevâ€“Zel'dovich effect with the South Pole Telescope. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2610-2615.	1.6	51
96	Euclid preparation. Astronomy and Astrophysics, 2019, 627, A23.	2.1	51
97	HÎ± STAR FORMATION RATES OFz> 1 GALAXY CLUSTERS IN THE IRAC SHALLOW CLUSTER SURVEY. Astrophysical Journal, 2013, 779, 137.	1.6	50
98	The Massive and Distant Clusters of WISE Survey. I. Survey Overview and a Catalog of >2000 Galaxy Clusters at z â‰ƒ 1. Astrophysical Journal, Supplement Series, 2019, 240, 33.	3.0	50
99	A CONNECTION BETWEEN OBSCURATION AND STAR FORMATION IN LUMINOUS QUASARS. Astrophysical Journal, 2015, 802, 50.	1.6	49
100	The Canadaâ€“UK Deep Submillimeter Survey. VII. Optical and Nearâ€Infrared Identifications for the 14 Hour Field. Astrophysical Journal, 2003, 597, 680-698.	1.6	48
101	STRONG POLYCYCLIC AROMATIC HYDROCARBON EMISSION FROMzâ‰ˆ 2 ULIRGs. Astrophysical Journal, 2009, 700, 1190-1204.	1.6	47
102	MID-INFRARED VARIABILITY FROM THESPITZERDEEP WIDE-FIELD SURVEY. Astrophysical Journal, 2010, 716, 530-543.	1.6	46
103	THE<i>HUBBLE SPACE TELESCOPE</i>CLUSTER SUPERNOVA SURVEY. III. CORRELATED PROPERTIES OF TYPE Ia SUPERNOVAE AND THEIR HOSTS AT 0.9 <<i>z</i>< 1.46. Astrophysical Journal, 2012, 750, 1.	1.6	46
104	Galaxy populations in the most distant SPT-SZ clusters. Astronomy and Astrophysics, 2019, 622, A117.	2.1	45
105	Midâ€Infrared Selection of Brown Dwarfs and Highâ€Redshift Quasars. Astrophysical Journal, 2007, 663, 677-685.	1.6	44
106	RESOLVING THE GALAXIES WITHIN A GIANT LyÎ± NEBULA: WITNESSING THE FORMATION OF A GALAXY GROUP?. Astrophysical Journal, 2012, 752, 86.	1.6	44
107	HST Grism Confirmation of 16 Structures at 1.4Â<ÂzÂ<Â2.8 from the Clusters Around Radio-Loud AGN (CARLA) Survey. Astrophysical Journal, 2018, 859, 38.	1.6	44
108	WEAK-LENSING MASS MEASUREMENTS OF FIVE GALAXY CLUSTERS IN THE SOUTH POLE TELESCOPE SURVEY USING MAGELLAN/MEGACAM. Astrophysical Journal, 2012, 758, 68.	1.6	42

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109	SPT-CL J2040â€“4451: AN SZ-SELECTED GALAXY CLUSTER ATz= 1.478 WITH SIGNIFICANT ONGOING STAR FORMATION. Astrophysical Journal, 2014, 794, 12.	1.6	42
110	The X-Ray and Mid-infrared Luminosities in Luminous Type 1 Quasars. Astrophysical Journal, 2017, 837, 145.	1.6	42
111	Anatomy of a Cooling Flow: The Feedback Response to Pure Cooling in the Core of the Phoenix Cluster. Astrophysical Journal, 2019, 885, 63.	1.6	42
112	THE SPITZER SOUTH POLE TELESCOPE DEEP FIELD: SURVEY DESIGN AND INFRARED ARRAY CAMERA CATALOGS. Astrophysical Journal, Supplement Series, 2013, 209, 22.	3.0	41
113	Galaxy Clusters Selected via the Sunyaevâ€“Zelâ€™dovich Effect in the SPTpol 100-square-degree Survey. Astronomical Journal, 2020, 159, 110.	1.9	41
114	Euclid preparation. Astronomy and Astrophysics, 2020, 644, A31.	2.1	39
115	Galaxy Cluster Correlation Function to z â€‰~â€‰1.5 in the IRAC Shallow Cluster Survey. Astrophysical Journal, 2007, 671, L93-L96.	1.6	38
116	ULTRACOOL FIELD BROWN DWARF CANDIDATES SELECTED AT 4.5 Î¼m. Astronomical Journal, 2010, 139, 2455-2464.	1.9	38
117	AWISEVIEW OF STAR FORMATION IN LOCAL GALAXY CLUSTERS. Astrophysical Journal, 2011, 743, 34.	1.6	38
118	A large-scale structure traced by [Oâ€f<scp>ii</scp>] emitters hosting a distant cluster atz= 1.62. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2617-2626.	1.6	38
119	The growth of brightest cluster galaxies and intracluster light over the past 10 billion years. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3751-3759.	1.6	38
120	THEHUBBLE SPACE TELESCOPECLUSTER SUPERNOVA SURVEY. II. THE TYPE Ia SUPERNOVA RATE IN HIGH-REDSHIFT GALAXY CLUSTERS. Astrophysical Journal, 2012, 745, 32.	1.6	37
121	SPT 0538â€“50: PHYSICAL CONDITIONS IN THE INTERSTELLAR MEDIUM OF A STRONGLY LENSED DUSTY STAR-FORMING GALAXY ATz= 2.8. Astrophysical Journal, 2013, 779, 67.	1.6	37
122	The Midâ€Infrared Properties of Xâ€Ray Sources. Astrophysical Journal, 2008, 679, 1040-1046.	1.6	36
123	SPT-GMOS: A GEMINI/GMOS-SOUTH SPECTROSCOPIC SURVEY OF GALAXY CLUSTERS IN THE SPT-SZ SURVEY. Astrophysical Journal, Supplement Series, 2016, 227, 3.	3.0	36
124	THE FAINT END OF THE CLUSTER-GALAXY LUMINOSITY FUNCTION AT HIGH REDSHIFT. Astrophysical Journal, 2012, 761, 141.	1.6	35
125	THE MASSIVE AND DISTANT CLUSTERS OF WISE SURVEY. II. INITIAL SPECTROSCOPIC CONFIRMATION OF z â‰ˆ 1 GALAXY CLUSTERS SELECTED FROM 10,000 deg ². Astrophysical Journal, Supplement Series, 2014, 213, 25.	3.0	35
126	MID-INFRARED GALAXY LUMINOSITY FUNCTIONS FROM THE AGN AND GALAXY EVOLUTION SURVEY. Astrophysical Journal, 2009, 697, 506-521.	1.6	34

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127	IDCS J1426.5+3508: COSMOLOGICAL IMPLICATIONS OF A MASSIVE, STRONG LENSING CLUSTER ATz= 1.75. Astrophysical Journal, 2012, 753, 163.	1.6	34
128	QUASAR VARIABILITY IN THE MID-INFRARED. Astrophysical Journal, 2016, 817, 119.	1.6	34
129	Large gas reservoirs and freeâ€“free emission in two lensed star-forming galaxies at zÂ= 2.7. Monthly Notices of the Royal Astronomical Society, 2013, 433, 498-505.	1.6	33
130	THE MASSIVE AND DISTANT CLUSTERS OFWISESURVEY. III. SUNYAEVâ€“ZELâ€™DOVICH MASSES OF GALAXY CLUSTERS ATzâˆ¼ 1. Astrophysical Journal, 2015, 806, 26.	1.6	33
131	A MULTIBAND STUDY OF THE GALAXY POPULATIONS OF THE FIRST FOUR SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTERS. Astrophysical Journal, 2011, 734, 3.	1.6	32
132	THE MASSIVE DISTANT CLUSTERS OF WISE SURVEY: THE FIRST DISTANT GALAXY CLUSTER DISCOVERED BY WISE. Astrophysical Journal Letters, 2012, 759, L23.	3.0	32
133	MIPS J142824.0+352619: A Hyperluminous Starburst Galaxy atz= 1.325. Astrophysical Journal, 2006, 636, 134-139.	1.6	31
134	Midâ€Infrared Identifications of SCUBA Galaxies in the CUDSS 14 Hour Field with theSpitzer Space Telescope. Astrophysical Journal, 2006, 644, 778-791.	1.6	31
135	Redshift Distribution of Extragalactic 24 Î¼m Sources. Astrophysical Journal, 2008, 679, 1204-1217.	1.6	31
136	Origins of the extragalactic background at 1â€fmm from a combined analysis of the AzTEC and MAMBO data in GOODS-N. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2749-2759.	1.6	31
137	A Very Large Telescope FORS2 Multislit Search for LyÎ±-emitting Galaxies at z ~ 6.5. Astrophysical Journal, 2004, 612, L89-L92.	1.6	30
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