

# Matt Hilton

## List of Publications by Year in descending order

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124  
papers

8,174  
citations

38742

50  
h-index

48315

88  
g-index

124  
all docs

124  
docs citations

124  
times ranked

4765  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Simons Observatory: science goals and forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 056-056.	5.4	741
2	The Atacama Cosmology Telescope: Sunyaev-Zel'dovich selected galaxy clusters at 148 GHz from three seasons of data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	5.4	378
3	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 047-047.	5.4	343
4	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGICAL PARAMETERS FROM THE 2008 POWER SPECTRUM. <i>Astrophysical Journal</i> , 2011, 739, 52.	4.5	329
5	THE ATACAMA COSMOLOGY TELESCOPE: SUNYAEV-ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT 148 GHz IN THE 2008 SURVEY. <i>Astrophysical Journal</i> , 2011, 737, 61.	4.5	234
6	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 1.	7.7	233
7	The Atacama Cosmology Telescope: cosmological parameters from three seasons of data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 060-060.	5.4	215
8	The Atacama Cosmology Telescope: temperature and gravitational lensing power spectrum measurements from three seasons of data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 014-014.	5.4	194
9	Evidence of Galaxy Cluster Motions with the Kinematic Sunyaev-Zel'dovich Effect. <i>Physical Review Letters</i> , 2012, 109, 041101.	7.8	185
10	THE ATACAMA COSMOLOGY TELESCOPE: ACT-CL J0102+4915 – EL GORDO, A MASSIVE MERGING CLUSTER AT REDSHIFT 0.87. <i>Astrophysical Journal</i> , 2012, 748, 7.	4.5	158
11	The XMM Cluster Survey: A Massive Galaxy Cluster at $z = 1.45$ . <i>Astrophysical Journal</i> , 2006, 646, L13-L16.	4.5	148
12	The Atacama Cosmology Telescope: a measurement of the Cosmic Microwave Background power spectra at 98 and 150 GHz. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 045-045.	5.4	148
13	ACTPol: a polarization-sensitive receiver for the Atacama Cosmology Telescope. <i>Proceedings of SPIE</i> , 2010, , .	0.8	144
14	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 AND 218 GHz FROM THE 2008 SOUTHERN SURVEY. <i>Astrophysical Journal</i> , 2011, 729, 62.	4.5	144
15	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , 2011, 732, 44.	4.5	140
16	Early assembly of the most massive galaxies. <i>Nature</i> , 2009, 458, 603-606.	27.8	138
17	The XMM Cluster Survey: optical analysis methodology and the first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1024-1052.	4.4	124
18	The Atacama Cosmology Telescope: CMB polarization at 200 &lt;math>\mu\text{m}</math> and 9000. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 007-007.	5.4	121

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19	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaev-Zel'dovich Effect Selected Cluster Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 20.	7.7	121
20	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 031-031.	5.4	120
21	The Atacama Cosmology Telescope: A Catalog of $\sim 4000$ Sunyaev-Zel'dovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 3.	7.7	118
22	THE XMM-CLUSTER SURVEY: ACTIVE GALACTIC NUCLEI AND STARBURST GALAXIES IN XMMXCS J2215.9-1738 AT $z = 1.46$ . <i>Astrophysical Journal</i> , 2010, 718, 133-147.	4.5	110
23	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE 600 & $\mu$ m 8000 COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 GHz. <i>Astrophysical Journal</i> , 2010, 722, 1148-1161.	4.5	107
24	CANDELS VISUAL CLASSIFICATIONS: SCHEME, DATA RELEASE, AND FIRST RESULTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 11.	7.7	106
25	THE XMM-CLUSTER SURVEY: THE BUILD-UP OF STELLAR MASS IN BRIGHTEST CLUSTER GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2010, 718, 23-30.	4.5	99
26	THE ATACAMA COSMOLOGY TELESCOPE: PHYSICAL PROPERTIES AND PURITY OF A GALAXY CLUSTER SAMPLE SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , 2010, 723, 1523-1541.	4.5	98
27	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE PRIMORDIAL POWER SPECTRUM. <i>Astrophysical Journal</i> , 2012, 749, 90.	4.5	97
28	THE ATACAMA COSMOLOGY TELESCOPE: DYNAMICAL MASSES AND SCALING RELATIONS FOR A SAMPLE OF MASSIVE SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTERS $z^1, z^2$ . <i>Astrophysical Journal</i> , 2013, 772, 25.	4.5	97
29	Coevolution of brightest cluster galaxies and intracluster light using CLASH. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2353-2367.	4.4	93
30	THE ATACAMA COSMOLOGY TELESCOPE (ACT): BEAM PROFILES AND FIRST SZ CLUSTER MAPS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 191, 423-438.	7.7	79
31	THE XMM-CLUSTER SURVEY: GALAXY MORPHOLOGIES AND THE COLOR-MAGNITUDE RELATION IN XMMXCS J2215.9-1738 AT $z = 1.46$ . <i>Astrophysical Journal</i> , 2009, 697, 436-451.	4.5	78
32	The XMM-Cluster Survey: testing chameleon gravity using the profiles of clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1171-1183.	4.4	77
33	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zel'dovich measurements from BOSS CMASS and LOWZ halos. <i>Physical Review D</i> , 2021, 103, .	4.7	76
34	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. <i>Astrophysical Journal</i> , 2011, 731, 100.	4.5	75
35	Weak-lensing Mass Calibration of ACTPol Sunyaev-Zel'dovich Clusters with the Hyper Suprime-Cam Survey. <i>Astrophysical Journal</i> , 2019, 875, 63.	4.5	72
36	THE ATACAMA COSMOLOGY TELESCOPE: DATA CHARACTERIZATION AND MAPMAKING. <i>Astrophysical Journal</i> , 2013, 762, 10.	4.5	70

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37	Evidence of Lensing of the Cosmic Microwave Background by Dark Matter Halos. <i>Physical Review Letters</i> , 2015, 114, 151302.	7.8	70
38	Detection of the pairwise kinematic Sunyaev-Zel'dovich effect with BOSS DR11 and the Atacama Cosmology Telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 008-008.	5.4	70
39	The XMM Cluster Survey: the interplay between the brightest cluster galaxy and the intracluster medium via AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2213-2229.	4.4	69
40	The Atacama Cosmology Telescope: a CMB lensing mass map over 2100 square degrees of sky and its cross-correlation with BOSS-CMASS galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2250-2263.	4.4	68
41	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. <i>Astrophysical Journal</i> , 2015, 808, 7.	4.5	66
42	Dark Energy Survey Year 1 Results: Detection of Intracluster Light at Redshift $z \sim 0.25$ . <i>Astrophysical Journal</i> , 2019, 874, 165.	4.5	65
43	The XMM Cluster Survey: X-ray analysis methodology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 14-53.	4.4	63
44	Measurement of the intracluster light at $z \sim 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2058-2068.	4.4	63
45	Atacama Cosmology Telescope: Modeling the gas thermodynamics in BOSS CMASS galaxies from kinematic and thermal Sunyaev-Zel'dovich measurements. <i>Physical Review D</i> , 2021, 103, .	4.7	60
46	Atacama Cosmology Telescope: Constraints on prerecombination early dark energy. <i>Physical Review D</i> , 2022, 105, .	4.7	59
47	The host galaxies of X-ray selected active galactic nuclei to $z = 2.5$ : Structure, star formation, and their relationships from CANDELS and Herschel/PACS. <i>Astronomy and Astrophysics</i> , 2015, 573, A85.	5.1	58
48	Atacama Cosmology Telescope: Component-separated maps of CMB temperature and the thermal Sunyaev-Zel'dovich effect. <i>Physical Review D</i> , 2020, 102, .	4.7	56
49	THE ATACAMA COSMOLOGY TELESCOPE: DETECTION OF SUNYAEV-ZEL'DOVICH DECREMENT IN GROUPS AND CLUSTERS ASSOCIATED WITH LUMINOUS RED GALAXIES. <i>Astrophysical Journal</i> , 2011, 736, 39.	4.5	52
50	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2900-2918.	4.4	52
51	The Atacama Cosmology Telescope: arcminute-resolution maps of 18 000 square degrees of the microwave sky from ACT 2008–2018 data combined with Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 046-046.	5.4	50
52	The MeerKAT Galaxy Cluster Legacy Survey. <i>Astronomy and Astrophysics</i> , 2022, 657, A56.	5.1	49
53	The XMM Cluster Survey: forecasting cosmological and cluster scaling-relation parameter constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 577-607.	4.4	48
54	Weak-lensing mass calibration of the Atacama Cosmology Telescope equatorial Sunyaev-Zeldovich cluster sample with the Canada-France-Hawaii telescope stripe 82 survey. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 013-013.	5.4	48

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55	The Atacama Cosmology Telescope: dusty star-forming galaxies and active galactic nuclei in the Southern survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1556-1574.	4.4	47
56	THE XMM-CLUSTER SURVEY: THE STELLAR MASS ASSEMBLY OF FOSSIL GALAXIES. <i>Astrophysical Journal</i> , 2012, 752, 12.	4.5	47
57	The XMM-Cluster Survey: The Dynamical State of XMMXCS J2215.9+1738 at $z = 1.457$ . <i>Astrophysical Journal</i> , 2007, 670, 1000-1009.	4.5	44
58	Dark Energy Surveyed Year 1 results: calibration of cluster mis-centring in the redMaPPer catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2578-2593.	4.4	44
59	THE ATACAMA COSMOLOGY TELESCOPE: PHYSICAL PROPERTIES OF SUNYAEV-ZEL'DOVICH EFFECT CLUSTERS ON THE CELESTIAL EQUATOR. <i>Astrophysical Journal</i> , 2013, 765, 67.	4.5	43
60	GALAXIES IN X-RAY SELECTED CLUSTERS AND GROUPS IN DARK ENERGY SURVEY DATA. I. STELLAR MASS GROWTH OF BRIGHT CENTRAL GALAXIES SINCE $z \approx 1.2$ . <i>Astrophysical Journal</i> , 2016, 816, 98.	4.5	43
61	THE ATACAMA COSMOLOGY TELESCOPE: RELATION BETWEEN GALAXY CLUSTER OPTICAL RICHNESS AND SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , 2013, 767, 38.	4.5	40
62	The Atacama Cosmology Telescope: dynamical masses for 44 SZ-selected galaxy clusters over 755 square degrees. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 248-270.	4.4	38
63	A measurement of the millimetre emission and the Sunyaev-Zel'dovich effect associated with low-frequency radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 460-478.	4.4	35
64	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THE WILKINSON MICROWAVE ANISOTROPY PROBE USING CROSS-CORRELATIONS. <i>Astrophysical Journal</i> , 2011, 740, 86.	4.5	34
65	Atacama Cosmology Telescope: A measurement of the thermal Sunyaev-Zel'dovich effect using the skewness of the CMB temperature distribution. <i>Physical Review D</i> , 2012, 86, .	4.7	34
66	SOUTHERN COSMOLOGY SURVEY. II. MASSIVE OPTICALLY SELECTED CLUSTERS FROM 70 SQUARE DEGREES OF THE SUNYAEV-ZEL'DOVICH EFFECT COMMON SURVEY AREA. <i>Astrophysical Journal, Supplement Series</i> , 2010, 191, 340-351.	7.7	33
67	DUSTY STARBURSTS AND THE FORMATION OF ELLIPTICAL GALAXIES: A SCUBA-2 SURVEY OF A CLUSTER. <i>Astrophysical Journal</i> , 2015, 806, 257.	4.5	32
68	A deep/wide 1.4 GHz snapshot survey of SDSS Stripe 82 using the Karl G. Jansky Very Large Array in a compact hybrid configuration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4433-4452.	4.4	28
69	Evidence for the Thermal Sunyaev-Zel'dovich Effect Associated with Quasar Feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw344.	4.4	28
70	Stellar mass as a galaxy cluster mass proxy: application to the Dark Energy Survey redMaPPer clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4591-4606.	4.4	28
71	CORRELATIONS IN THE (SUB)MILLIMETER BACKGROUND FROM ACT-BLAST. <i>Astrophysical Journal</i> , 2012, 744, 40.	4.5	27
72	The XMM-Cluster Survey: evidence for energy injection at high redshift from evolution of the X-ray luminosity-temperature relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2086-2096.	4.4	27

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73	ALMA Pinpoints a Strong Overdensity of U/LIRGs in the Massive Cluster XCS J2215 at $z=1.46$ . <i>Astrophysical Journal</i> , 2017, 849, 154.	4.5	27
74	The Atacama Cosmology Telescope: two-season ACTPol extragalactic point sources and their polarization properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5239-5262.	4.4	27
75	On the redshift distribution and physical properties of ACT-selected DSFGs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 968-984.	4.4	26
76	Strong detection of the CMB lensing and galaxy weak lensing cross-correlation from ACT-DR4, Planck Legacy, and KiDS-1000. <i>Astronomy and Astrophysics</i> , 2021, 649, A146.	5.1	26
77	The Atacama Cosmology Telescope: Detection of the pairwise kinematic Sunyaev-Zel'dovich effect with SDSS DR15 galaxies. <i>Physical Review D</i> , 2021, 104, .	4.7	24
78	Is diffuse intracluster light a good tracer of the galaxy cluster matter distribution?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1300-1315.	4.4	24
79	THE ATACAMA COSMOLOGY TELESCOPE: HIGH-RESOLUTION SUNYAEV-ZEL'DOVICH ARRAY OBSERVATIONS OF ACT SZE-SELECTED CLUSTERS FROM THE EQUATORIAL STRIP. <i>Astrophysical Journal</i> , 2012, 751, 12.	4.5	23
80	The Atacama Cosmology Telescope: delensed power spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 031-031.	5.4	23
81	Hydrogen Intensity and Real-Time Analysis Experiment: 256-element array status and overview. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	22
82	The Atacama Cosmology Telescope: the stellar content of galaxy clusters selected using the Sunyaev-Zel'dovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3469-3480.	4.4	20
83	Survey strategy optimization for the Atacama Cosmology Telescope. , 2016, , .		20
84	The mass and galaxy distribution around SZ-selected clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5758-5779.	4.4	20
85	Probing Galaxy Evolution in Massive Clusters Using ACT and DES: Splashback as a Cosmic Clock. <i>Astrophysical Journal</i> , 2021, 923, 37.	4.5	20
86	Subaru weak lensing measurement of a $z = 0.81$ cluster discovered by the Atacama Cosmology Telescope Survey.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3627-3644.	4.4	19
87	The Atacama Cosmology Telescope: Summary of DR4 and DR5 Data Products and Data Access. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 11.	7.7	19
88	The evolution of $K^*$ and the halo occupation distribution since $z = 1.5$ : observations versus simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2821-2835.	4.4	17
89	The 2dF Galaxy Redshift Survey: correlation with the ROSAT-ESO flux-limited X-ray galaxy cluster survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 661-674.	4.4	16
90	Quantifying the thermal Sunyaev-Zel'dovich effect and excess millimetre emission in quasar environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2315-2335.	4.4	16

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91	Atacama Cosmology Telescope: Dusty Star-forming Galaxies and Active Galactic Nuclei in the Equatorial Survey. <i>Astrophysical Journal</i> , 2020, 893, 104.	4.5	16
92	The Atacama Cosmology Telescope: Probing the baryon content of SDSS DR15 galaxies with the thermal and kinematic Sunyaev-Zelâ€™dovich effects. <i>Physical Review D</i> , 2021, 104, .	4.7	16
93	Mass variance from archival X-ray properties of Dark Energy Survey Year-1 galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3341-3354.	4.4	15
94	The Atacama Cosmology Telescope: Detection of Millimeter-wave Transient Sources. <i>Astrophysical Journal</i> , 2021, 915, 14.	4.5	15
95	The Atacama Cosmology Telescope: Weighing Distant Clusters with the Most Ancient Light. <i>Astrophysical Journal Letters</i> , 2020, 903, L13.	8.3	15
96	The XMM Cluster Survey: new evidence for the 3.5-keV feature in clusters is inconsistent with a dark matter origin. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 656-671.	4.4	14
97	A high-resolution view of the filament of gas between Abell 399 and Abell 401 from the Atacama Cosmology Telescope and MUSTANG-2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3335-3355.	4.4	14
98	Herschel observations of a $\sim 2$ stellar mass selected galaxy sample drawn from the GOODS NICMOS Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 540-555.	4.4	13
99	A giant radio halo in a low-mass SZ-selected galaxy cluster: ACT-CL J0256.5+0006. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4240-4258.	4.4	12
100	GMRT 610 MHz observations of galaxy clusters in the ACT equatorial sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1332-1349.	4.4	12
101	Evolution of Cold Gas at $z \sim 5$ : A Blind Search for H I and OH Absorption Lines toward Mid-infrared Color-selected Radio-loud AGN. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 28.	7.7	11
102	SALT spectroscopic observations of galaxy clusters detected by ACT and a type II quasar hosted by a brightest cluster galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 4010-4026.	4.4	10
103	THE ATACAMA COSMOLOGY TELESCOPE: THE LABOCA/ACT SURVEY OF CLUSTERS AT ALL REDSHIFTS. <i>Astrophysical Journal</i> , 2015, 803, 79.	4.5	10
104	MERGHERS pilot: MeerKAT discovery of diffuse emission in nine massive Sunyaev-Zelâ€™dovich-selected galaxy clusters from ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1749-1758.	4.4	9
105	Galaxies in X-ray selected clusters and groups in Dark Energy Survey data - II. Hierarchical Bayesian modelling of the red-sequence galaxy luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1-17.	4.4	8
106	Atacama Cosmology Telescope measurements of a large sample of candidates from the Massive and Distant Clusters of WISE Survey. <i>Astronomy and Astrophysics</i> , 2021, 653, A135.	5.1	8
107	The XMM Cluster Survey: evolution of the velocity dispersion-temperature relation over half a Hubble time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 413-428.	4.4	7
108	The XMM Cluster Survey: the halo occupation number of BOSS galaxies in X-ray clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1929-1943.	4.4	6

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109	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. <i>Astrophysical Journal</i> , 2022, 933, 134.	4.5	6
110	The XMM Cluster Survey: predicted overlap with the Planck Cluster Catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1007-1013.	4.4	4
111	Herschel and ALMA Observations of Massive SZE-selected Clusters. <i>Astrophysical Journal</i> , 2018, 853, 195.	4.5	4
112	The Dark Energy Survey Bright Arcs Survey: Candidate Strongly Lensed Galaxy Systems from the Dark Energy Survey 5000 Square Degree Footprint. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 27.	7.7	4
113	MALS SALT-NOT Survey of MIR-selected Powerful Radio-bright AGN at $0 < z < 3.5$ . <i>Astrophysical Journal</i> , 2022, 929, 108.	4.5	4
114	The XMM Cluster Survey: Present status and latest results. <i>Astronomische Nachrichten</i> , 2013, 334, 462-465.	1.2	3
115	Multiwavelength Characterization of an ACT-selected, Lensed Dusty Star-forming Galaxy at $z = 2.64$ . <i>Astrophysical Journal</i> , 2017, 844, 110.	4.5	3
116	The LABOCA/ACT Survey of Clusters at All Redshifts: Multiwavelength Analysis of Background Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2018, 855, 26.	4.5	3
117	The Atacama Cosmology Telescope: SZ-based masses and dust emission from IR-selected cluster candidates in the SHELA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4026-4038.	4.4	3
118	Observations of compact sources in galaxy clusters using MUSTANG2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2600-2612.	4.4	3
119	Velocity dispersions of clusters in the Dark Energy Survey Y3 redMaPPer catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4696-4717.	4.4	3
120	A Multiwavelength Dynamical State Analysis of ACT-CL J0019.6+0336. <i>Galaxies</i> , 2021, 9, 97.	3.0	2
121	Constraining Cosmic Microwave Background Temperature Evolution With Sunyaev-Zeldovich Galaxy Clusters from the Atacama Cosmology Telescope. <i>Astrophysical Journal</i> , 2021, 922, 136.	4.5	2
122	MERGHERS: An SZ-selected cluster survey with MeerKAT. , 2018, , .		1
123	A GMRT Narrowband vs. Wideband Analysis of the ACT-CL J0034.4+0225 Field Selected from the ACTPol Cluster Sample. <i>Galaxies</i> , 2021, 9, 117.	3.0	1
124	Evolution in cluster cores since $z \sim 1$ . <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 172-173.	0.0	0