

# Alastair Edge

## List of Publications by Year in descending order

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264  
papers

22,194  
citations

7096

78  
h-index

10445

139  
g-index

265  
all docs

265  
docs citations

265  
times ranked

8256  
citing authors

#	ARTICLE	IF	CITATIONS
1	The UKIRT Infrared Deep Sky Survey (UKIDSS). Monthly Notices of the Royal Astronomical Society, 2007, 379, 1599-1617.	4.4	1,940
2	The ROSAT Brightest Cluster Sample -- I. The compilation of the sample and the cluster log N-log S distribution. Monthly Notices of the Royal Astronomical Society, 1998, 301, 881-914.	4.4	555
3	The ROSAT-ESO Flux Limited X-ray (REFLEX) Galaxy cluster survey. Astronomy and Astrophysics, 2004, 425, 367-383.	5.1	504
4	Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from ROSAT All-Sky Survey data -- I. The sample. Monthly Notices of the Royal Astronomical Society, 1996, 281, 799-829.	4.4	414
5	A ROSAT HRI study of the interaction of the X-ray-emitting gas and radio lobes of NGC 1275. Monthly Notices of the Royal Astronomical Society, 1993, 264, L25-L28.	4.4	400
6	MACS: A Quest for the Most Massive Galaxy Clusters in the Universe. Astrophysical Journal, 2001, 553, 668-676.	4.5	394
7	THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY: TECHNICAL SUMMARY. Astronomical Journal, 2008, 135, 338-347.	4.7	377
8	The SCUBA Half-Degree Extragalactic Survey - II. Submillimetre maps, catalogue and number counts. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1621-1652.	4.4	360
9	The ROSAT Brightest Cluster Sample -- III. Optical spectra of the central cluster galaxies. Monthly Notices of the Royal Astronomical Society, 1999, 306, 857-896.	4.4	344
10	A ROSAT study of the cores of clusters of galaxies -- I. Cooling flows in an X-ray flux-limited sample. Monthly Notices of the Royal Astronomical Society, 1998, 298, 416-432.	4.4	335
11	The detection of molecular gas in the central galaxies of cooling flow clusters. Monthly Notices of the Royal Astronomical Society, 2001, 328, 762-782.	4.4	324
12	EMU: Evolutionary Map of the Universe. Publications of the Astronomical Society of Australia, 2011, 28, 215-248.	3.4	312
13	The ROSAT Brightest Cluster Sample -- IV. The extended sample. Monthly Notices of the Royal Astronomical Society, 2000, 318, 333-340.	4.4	303
14	Intense star formation within resolved compact regions in a galaxy at $z = 2.3$ . Nature, 2010, 464, 733-736.	27.8	293
15	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: SOURCE CATALOG AND MULTIPLICITY. Astrophysical Journal, 2013, 768, 91.	4.5	256
16	A Complete Sample of 12 Very X-Ray Luminous Galaxy Clusters at $z > 0.5$ . Astrophysical Journal, 2007, 661, L33-L36.	4.5	243
17	EXOSAT observations of clusters of galaxies - I. The X-ray data. Monthly Notices of the Royal Astronomical Society, 1991, 252, 414-427.	4.4	242
18	An Infrared Survey of Brightest Cluster Galaxies. II. Why are Some Brightest Cluster Galaxies Forming Stars?. Astrophysical Journal, 2008, 681, 1035-1045.	4.5	229

#	ARTICLE	IF	CITATIONS
19	The SCUBA-2 Cosmology Legacy Survey: 850 $\mu$ m maps, catalogues and number counts. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1789-1806.	4.4	216
20	An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: high-resolution 870 $\mu$ m source counts. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2-9.	4.4	213
21	KILOPARSEC-SCALE DUST DISKS IN HIGH-REDSHIFT LUMINOUS SUBMILLIMETER GALAXIES. Astrophysical Journal, 2016, 833, 103.	4.5	212
22	The ROSAT-ESO flux limited X-ray (REFLEX) galaxy cluster survey. I. The construction of the cluster sample. Astronomy and Astrophysics, 2001, 369, 826-850.	5.1	200
23	ON THE EVOLUTION OF THE MOLECULAR GAS FRACTION OF STAR-FORMING GALAXIES. Astrophysical Journal Letters, 2011, 730, L19.	8.3	187
24	THE SCUBA-2 COSMOLOGY LEGACY SURVEY: ALMA RESOLVES THE REST-FRAME FAR-INFRARED EMISSION OF SUB-MILLIMETER GALAXIES. Astrophysical Journal, 2015, 799, 81.	4.5	185
25	The UKIRT Infrared Deep Sky Survey Early Data Release. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1227-1252.	4.4	180
26	The United Kingdom Infrared Telescope Infrared Deep Sky Survey First Data Release. Monthly Notices of the Royal Astronomical Society, 2007, 375, 213-226.	4.4	179
27	<i>Herschel</i> and SCUBA-2 imaging and spectroscopy of a bright, lensed submillimetre galaxy at $z = 2.3$ . Astronomy and Astrophysics, 2010, 518, L35.	5.1	179
28	The X-ray brightest clusters of galaxies from the Massive Cluster Survey. Monthly Notices of the Royal Astronomical Society, 2010, 407, 83-93.	4.4	179
29	Cold molecular gas in the Perseus cluster core. Astronomy and Astrophysics, 2006, 454, 437-445.	5.1	175
30	The 2dF-SDSS LRG and QSO Survey: the LRG 2-point correlation function and redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2007, 381, 573-588.	4.4	170
31	A NEW MEASUREMENT OF THE BULK FLOW OF X-RAY LUMINOUS CLUSTERS OF GALAXIES. Astrophysical Journal Letters, 2010, 712, L81-L85.	8.3	157
32	Properties of cooling flows in a flux-limited sample of clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 1992, 258, 177-188.	4.4	154
33	The 2dF-SDSS LRG and QSO (2SLAQ) Luminous Red Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2006, 372, 425-442.	4.4	153
34	JELLYFISH: EVIDENCE OF EXTREME RAM-PRESSURE STRIPPING IN MASSIVE GALAXY CLUSTERS. Astrophysical Journal Letters, 2014, 781, L40.	8.3	153
35	EXOSAT observations of clusters of galaxies - II. X-ray to optical correlations. Monthly Notices of the Royal Astronomical Society, 1991, 252, 428-441.	4.4	152
36	THE SCUBA-2 COSMOLOGY LEGACY SURVEY: ALMA RESOLVES THE BRIGHT-END OF THE SUB-MILLIMETER NUMBER COUNTS. Astrophysical Journal, 2015, 807, 128.	4.5	148

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37	The behaviour of dark matter associated with four bright cluster galaxies in the 10 kpc core of Abell 3827. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3393-3406.	4.4	147
38	The [ITAL]ROSAT[/ITAL] Brightest Cluster Sample (BCS): The Cluster X-Ray Luminosity Function within [CLC][ITAL]z[/ITAL]/[CLC] = 0.3. Astrophysical Journal, 1997, 479, L101-L104.	4.5	142
39	The 2df SDSS LRG and QSO survey: evolution of the luminosity function of luminous red galaxies to $z=0.6$ . Monthly Notices of the Royal Astronomical Society, 2006, 372, 537-550.	4.4	141
40	LoCuSS: the connection between brightest cluster galaxy activity, gas cooling and dynamical disturbance of X-ray cluster cores. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1698-1705.	4.4	141
41	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV to far-IR) and the low- $z$ energy budget. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3911-3942.	4.4	140
42	Radiative efficiency, variability and Bondi accretion on to massive black holes: the transition from radio AGN to quasars in brightest cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 530-553.	4.4	139
43	Cold, clumpy accretion onto an active supermassive black hole. Nature, 2016, 534, 218-221.	27.8	137
44	The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Definition and Goals*. Publications of the Astronomical Society of the Pacific, 2012, 124, 714-736.	3.1	135
45	Extreme AGN feedback in the MAAssive Cluster Survey: a detailed study of X-ray cavities at $z > 0.3$ . Monthly Notices of the Royal Astronomical Society, 2012, 421, 1360-1384.	4.4	133
46	The effect of radiative cooling on the X-ray properties of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2000, 317, 1029-1040.	4.4	132
47	A MECHANISM FOR STIMULATING AGN FEEDBACK BY LIFTING GAS IN MASSIVE GALAXIES. Astrophysical Journal, 2016, 830, 79.	4.5	130
48	The XMM Cluster Survey: optical analysis methodology and the first data release. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1024-1052.	4.4	124
49	Resolved spectroscopy of gravitationally lensed galaxies: global dynamics and star-forming clumps on $\sim 1/4$ 100 kpc scales at $1 < z < 4$ . Monthly Notices of the Royal Astronomical Society, 2015, 450, 1812-1835.	4.4	124
50	The origin of cold gas in giant elliptical galaxies and its role in fuelling radio-mode AGN feedback. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2291-2306.	4.4	123
51	Shaken Snow Globes: Kinematic Tracers of the Multiphase Condensation Cascade in Massive Galaxies, Groups, and Clusters. Astrophysical Journal, 2018, 854, 167.	4.5	123
52	Discovery of radio haloes and double relics in distant MACS galaxy clusters: clues to the efficiency of particle acceleration. Monthly Notices of the Royal Astronomical Society, 2012, 426, 40-56.	4.4	118
53	A bright $z = 5.2$ lensed submillimeter galaxy in the field of Abell 773. Astronomy and Astrophysics, 2012, 538, L4.	5.1	118
54	Cooling flows and the X-ray luminosity-temperature relation for clusters. Monthly Notices of the Royal Astronomical Society, 1994, 267, 779-784.	4.4	112

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55	The 2dF-SDSS LRG and QSO Survey: evolution of the clustering of luminous red galaxies since $z=0.6$ . Monthly Notices of the Royal Astronomical Society, 2008, 387, 1045-1062.	4.4	112
56	A $10^{10}$ SOLAR MASS FLOW OF MOLECULAR GAS IN THE A1835 BRIGHTEST CLUSTER GALAXY. Astrophysical Journal, 2014, 785, 44.	4.5	112
57	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: NEAR-INFRARED MORPHOLOGIES AND STELLAR SIZES. Astrophysical Journal, 2015, 799, 194.	4.5	111
58	Prevalence of radio jets associated with galactic outflows and feedback from quasars. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2710-2730.	4.4	111
59	The 2dF-SDSS LRG and QSO Survey: the spectroscopic QSO catalogue. Monthly Notices of the Royal Astronomical Society, 2009, 392, 19-44.	4.4	109
60	A survey of molecular hydrogen in the central galaxies of cooling flows. Monthly Notices of the Royal Astronomical Society, 2002, 337, 49-62.	4.4	107
61	The Las Campanas/AAT Rich Cluster Survey - II. The environmental dependence of galaxy colours in clusters at $z \approx 0.1$ . Monthly Notices of the Royal Astronomical Society, 2002, 331, 333-350.	4.4	99
62	DETECTION OF FAR-INFRARED AND POLYCYCLIC AROMATIC HYDROCARBON EMISSION FROM THE COSMIC EYE: PROBING THE DUST AND STAR FORMATION OF LYMAN BREAK GALAXIES. Astrophysical Journal, 2009, 698, 1273-1281.	4.5	99
63	HUBBLE SPACE TELESCOPE OBSERVATIONS OF A SPECTACULAR NEW STRONG-LENSING GALAXY CLUSTER: MACS J1149.5+2223 AT $z = 0.544$ . Astrophysical Journal, 2009, 707, L163-L168.	4.5	97
64	A Panoramic Mid-Infrared Survey of Two Distant Clusters. Astrophysical Journal, 2006, 649, 661-672.	4.5	96
65	An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: Spectroscopic Redshifts. Astrophysical Journal, 2017, 840, 78.	4.5	95
66	The UKIRT Hemisphere Survey: definition and J-band data release. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5113-5125.	4.4	94
67	A very extended molecular web around NGC 1275. Astronomy and Astrophysics, 2011, 531, A85.	5.1	91
68	The nature of the molecular gas system in the core of NGC 1275. Monthly Notices of the Royal Astronomical Society, 2005, 359, 755-764.	4.4	89
69	The SCUBA-2 Cosmology Legacy Survey: blank-field number counts of 450- $\mu$ m-selected galaxies and their contribution to the cosmic infrared background. Monthly Notices of the Royal Astronomical Society, 2013, 432, 53-61.	4.4	89
70	MegaZ-LRG: a photometric redshift catalogue of one million SDSS luminous red galaxies. Monthly Notices of the Royal Astronomical Society, 2007, 375, 68-76.	4.4	88
71	An Increase in the Faint Red Galaxy Population in Massive Clusters since $z \approx 0.5$ . Astrophysical Journal, 2007, 661, 95-101.	4.5	87
72	Optical spectroscopy of the ROSAT X-ray brightest clusters. Monthly Notices of the Royal Astronomical Society, 1992, 259, 67-81.	4.4	86

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73	[C II] AND $^{12}\text{CO}(1-0)$ EMISSION MAPS IN HLSJ091828.6+514223: A STRONGLY LENSED INTERACTING SYSTEM AT $z = 5.24$ . <i>Astrophysical Journal</i> , 2014, 783, 59.	4.5	86
74	A Very Bright, Highly Magnified Lyman Break Galaxy at $z = 3.07$ . <i>Astrophysical Journal</i> , 2007, 654, L33-L36.	4.5	85
75	A Galaxy-scale Fountain of Cold Molecular Gas Pumped by a Black Hole. <i>Astrophysical Journal</i> , 2018, 865, 13.	4.5	85
76	The Onset of Thermally Unstable Cooling from the Hot Atmospheres of Giant Galaxies in Clusters: Constraints on Feedback Models. <i>Astrophysical Journal</i> , 2017, 851, 66.	4.5	83
77	A Detailed Study of Gas and Star Formation in a Highly Magnified Lyman Break Galaxy at $z = 3.07$ . <i>Astrophysical Journal</i> , 2007, 665, 936-943.	4.5	81
78	Radio galaxies in the 2SLAQ Luminous Red Galaxy Survey – I. The evolution of low-power radio galaxies to $z \approx 0.7$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 211-227.	4.4	79
79	The properties of the interstellar medium within a star-forming galaxy at $z = 2.3$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	79
80	Shock fronts, electron-ion equilibration and intracluster medium transport processes in the merging cluster Abell 2146. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 236-255.	4.4	79
81	Alma Observations of Massive Molecular Gas Filaments Encasing Radio Bubbles in the Phoenix Cluster. <i>Astrophysical Journal</i> , 2017, 836, 130.	4.5	79
82	Driving massive molecular gas flows in central cluster galaxies with AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3025-3045.	4.4	79
83	THE RELATION BETWEEN COOL CLUSTER CORES AND HERSCHEL-DETECTED STAR FORMATION IN BRIGHTEST CLUSTER GALAXIES. <i>Astrophysical Journal</i> , 2012, 747, 29.	4.5	78
84	The ROSAT-ESO Flux-Limited X-Ray (REFLEX) Galaxy Cluster Survey. IV. The X-Ray Luminosity Function. <i>Astrophysical Journal</i> , 2002, 566, 93-102.	4.5	77
85	The Las Campanas/Anglo-Australian Telescope Rich Cluster Survey – III. Spectroscopic studies of X-ray bright galaxy clusters at $z \sim 0.1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 645-666.	4.4	75
86	Optical spectroscopy of the ROSAT X-ray brightest clusters - II. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 274, 75-84.	4.4	74
87	Gravitational lensing of distant field galaxies by rich clusters - II. Cluster mass distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 273, 277-294.	4.4	74
88	Resolving Molecular Gas in the Central Galaxies of Cooling Flow Clusters. <i>Astrophysical Journal</i> , 2003, 594, L13-L17.	4.5	74
89	The SCUBA Half-Degree Extragalactic Survey – I. Survey motivation, design and data processing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 563-580.	4.4	74
90	The detection of dust in the central galaxies of distant cooling-flow clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 599-606.	4.4	73

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91	The spectral signature of the cooling flow in Abell 478. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 255, 431-440.	4.4	72
92	<i>HUBBLE SPACE TELESCOPE</i> FAR-ULTRAVIOLET OBSERVATIONS OF BRIGHTEST CLUSTER GALAXIES: THE ROLE OF STAR FORMATION IN COOLING FLOWS AND BCG EVOLUTION. <i>Astrophysical Journal</i> , 2010, 719, 1619-1632.	4.5	72
93	MASSIVE MOLECULAR GAS FLOWS IN THE A1664 BRIGHTEST CLUSTER GALAXY. <i>Astrophysical Journal</i> , 2014, 784, 78.	4.5	72
94	MOLECULAR GAS IN THE X-RAY BRIGHT GROUP NGC 5044 AS REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2014, 792, 94.	4.5	72
95	A comprehensive study of the radio properties of brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1201-1222.	4.4	72
96	ALMA observations of cold molecular gas filaments trailing rising radio bubbles in PKS0745+191. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3134-3149.	4.4	72
97	STORM IN A "TEACUP" A RADIO-QUIET QUASAR WITH $\sim 10$ kpc RADIO-EMITTING BUBBLES AND EXTREME GAS KINEMATICS. <i>Astrophysical Journal</i> , 2015, 800, 45.	4.5	71
98	The spatial distribution of X-ray clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 238, 881-895.	4.4	70
99	The Origin of Molecular Clouds in Central Galaxies. <i>Astrophysical Journal</i> , 2018, 853, 177.	4.5	70
100	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
101	The Dust and [C ii] Morphologies of Redshift $\sim 4.5$ Sub-millimeter Galaxies at $\sim 200$ pc Resolution: The Absence of Large Clumps in the Interstellar Medium at High-redshift. <i>Astrophysical Journal</i> , 2018, 859, 12.	4.5	69
102	Chandra Study of the Complex Structure in the Core of 2A 0335+096. <i>Astrophysical Journal</i> , 2003, 596, 190-203.	4.5	68
103	KIDS+VIKING-450: A new combined optical and near-infrared dataset for cosmology and astrophysics. <i>Astronomy and Astrophysics</i> , 2019, 632, A34.	5.1	68
104	An Infrared Survey of Brightest Cluster Galaxies. I. <i>Astrophysical Journal</i> , Supplement Series, 2008, 176, 39-58.	7.7	67
105	LoCuSS: A DYNAMICAL ANALYSIS OF X-RAY ACTIVE GALACTIC NUCLEI IN LOCAL CLUSTERS. <i>Astrophysical Journal</i> , 2012, 754, 97.	4.5	67
106	Optical emission line nebulae in galaxy cluster cores 1: the morphological, kinematic and spectral properties of the sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1758-1789.	4.4	66
107	Strong lensing by a node of the cosmic web. <i>Astronomy and Astrophysics</i> , 2012, 544, A71.	5.1	65
108	DEEP CHANDRA, HST-COS, AND MEGACAM OBSERVATIONS OF THE PHOENIX CLUSTER: EXTREME STAR FORMATION AND AGN FEEDBACK ON HUNDRED KILOPARSEC SCALES. <i>Astrophysical Journal</i> , 2015, 811, 111.	4.5	64

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109	A Hubble Space Telescope lensing survey of X-ray-luminous galaxy clusters – II. A search for gravitationally lensed EROs. Monthly Notices of the Royal Astronomical Society, 2002, 330, 1-16.	4.4	63
110	Near-infrared evolution of brightest cluster galaxies in the most X-ray luminous clusters since $z = 1$ . Monthly Notices of the Royal Astronomical Society, 2008, 384, 1502-1510.	4.4	62
111	Far-ultraviolet morphology of star-forming filaments in cool core brightest cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3768-3800.	4.4	62
112	X-ray and optical observations of the Shapley supercluster in Hydra-Centaurus. Monthly Notices of the Royal Astronomical Society, 1991, 248, 101-111.	4.4	61
113	Cold gas in the Perseus cluster core: excitation of molecular gas in filaments. Astronomy and Astrophysics, 2008, 484, 317-325.	5.1	60
114	The discovery of two distant, massive clusters of galaxies in the ROSAT All-Sky Survey. Monthly Notices of the Royal Astronomical Society, 2003, 339, 913-924.	4.4	58
115	A ROSAT HRI observation of the Abell 478 cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 1994, 269, 589-606.	4.4	57
116	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	7.7	57
117	Detection of molecular gas in a distant submillimetre galaxy at $z = 4.76$ with Australia Telescope Compact Array. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 407, L103-L107.	3.3	55
118	THE NATURE OF FILAMENTARY COLD GAS IN THE CORE OF THE VIRGO CLUSTER. Astrophysical Journal, 2013, 767, 153.	4.5	55
119	A statistical analysis of the galaxy populations of distant luminous X-ray clusters. Monthly Notices of the Royal Astronomical Society, 1998, 293, 124-144.	4.4	54
120	X-ray variability in a deep, flux-limited sample of QSOs. Monthly Notices of the Royal Astronomical Society, 2000, 315, 325-336.	4.4	54
121	H $\alpha$ from an orientation-unbiased sample of Sunyaev-Zel'dovich and X-ray clusters. Monthly Notices of the Royal Astronomical Society, 2005, 357, 518-526.	4.4	53
122	The evolution of the red sequence slope in massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2009, 394, 2098-2108.	4.4	53
123	On the hunt for ultramassive black holes in brightest cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 224-231.	4.4	53
124	FIRST-YEAR SPECTROSCOPY FOR THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY. Astronomical Journal, 2008, 135, 1766-1784.	4.7	52
125	13 CO and C18O emission from a dense gas disc at $z \approx 2.3$ : abundance variations, cosmic rays and the initial conditions for star formation. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2793-2809.	4.4	52
126	Chandra observation of two shock fronts in the merging galaxy cluster Abell 2146. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	51



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127	Chandra Observations of the Galaxy Cluster A478: The Interaction of Hot Gas and Radio Plasma in the Core, and an Improved Determination of the Compton $\tau$ Parameter. <i>Astrophysical Journal</i> , 2003, 587, 619-624.	4.5	51
128	A spectacular giant arc in the massive cluster lens MACSJ1206.2+0847. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1213-1224.	4.4	50
129	Close entrainment of massive molecular gas flows by radio bubbles in the central galaxy of Abell 1795. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4024-4037.	4.4	49
130	THE SCUBA-2 COSMOLOGY LEGACY SURVEY: ULTRALUMINOUS STAR-FORMING GALAXIES IN $1.6 < z < 2.0$ CLUSTER. <i>Astrophysical Journal</i> , 2014, 782, 19.	4.5	48
131	MOLECULAR GAS ALONG A BRIGHT $H\alpha$ FILAMENT IN 2A 0335+096 REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2016, 832, 148.	4.5	48
132	A simulated $\Lambda$ CDM cosmology cluster catalogue: the NFW profile and the temperature-mass scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 324, 450-462.	4.4	47
133	The rapid evolution of AGN feedback in brightest cluster galaxies: switching from quasar-mode to radio-mode feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 1638-1658.	4.4	47
134	X-Ray Scaling Relations of Early-type Galaxies. <i>Astrophysical Journal</i> , 2018, 857, 32.	4.5	47
135	Constraining cold accretion on to supermassive black holes: molecular gas in the cores of eight brightest cluster galaxies revealed by joint CO and CN absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 349-365.	4.4	47
136	Measuring $\delta$ with Cluster Lensing: Biases from Unrelaxed Clusters. <i>Astrophysical Journal</i> , 2003, 590, L79-L82.	4.5	46
137	Cataclysmic variables from a ROSAT/2MASS selection. I. Four new intermediate polars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 141-154.	4.4	45
138	Integral field spectroscopy of $H\alpha$ emission in cooling flow cluster cores: disturbing the molecular gas reservoir.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 93-107.	4.4	45
139	A merger mystery: no extended radio emission in the merging cluster Abell 2146. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 417, L1-L5.	3.3	45
140	Galaxy And Mass Assembly (GAMA): testing galaxy formation models through the most massive galaxies in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 762-775.	4.4	45
141	On the relation between the X-ray properties of clusters of galaxies and their brightest cluster member. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 250, 103-110.	4.4	44
142	The REFLEX galaxy cluster survey. <i>Astronomy and Astrophysics</i> , 2009, 499, 357-369.	5.1	44
143	<i>Herschel</i> observations of extended atomic gas in the core of the Perseus cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2957-2977.	4.4	44
144	A ROSAT PSPC observation of Abell 478: the distribution of X-ray absorbing matter in a massive cooling flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 262, 901-914.	4.4	43

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145	<i>Herschel</i> photometry of brightest cluster galaxies in cooling flow clusters. <i>Astronomy and Astrophysics</i> , 2010, 518, L47.	5.1	43
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