

# Stefano Etori

## List of Publications by Year in descending order

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256  
papers

12,794  
citations

17429

63  
h-index

32815

100  
g-index

259  
all docs

259  
docs citations

259  
times ranked

4775  
citing authors

#	ARTICLE	IF	CITATIONS
1	HSC-XXL: Baryon budget of the 136 XXL groups and clusters. Publication of the Astronomical Society of Japan, 2022, 74, 175-208.	1.0	17
2	On the dynamical and morphological state of the CHEX-MATE clusters. EPJ Web of Conferences, 2022, 257, 00007.	0.1	1
3	The Unusually Weak and Exceptionally Steep Radio Relic in A2108. Astrophysical Journal, 2022, 925, 91.	1.6	9
4	Tracing the non-thermal pressure and hydrostatic bias in galaxy clusters. Astronomy and Astrophysics, 2022, 657, L1.	2.1	11
5	The XXL Survey â€“ XLVIII. X-ray follow-up of distant XXL clusters: masses, scaling relations, and AGN contamination. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2525-2536.	1.6	0
6	The gravitational field of X-COP galaxy clusters. Astronomy and Astrophysics, 2022, 662, A123.	2.1	18
7	<scp>The Three Hundred</scp> project: The <scp>gizmo-simba</scp> run. Monthly Notices of the Royal Astronomical Society, 2022, 514, 977-996.	1.6	31
8	Mapping â€“out-of-the-boxâ€™ the properties of the baryons in massive halos. Astronomy and Astrophysics, 2022, 663, L6.	2.1	9
9	Iron in X-COP: Tracing enrichment in cluster outskirts with high accuracy abundance profiles. Astronomy and Astrophysics, 2021, 646, A92.	2.1	26
10	Radio halos in a mass-selected sample of 75 galaxy clusters. Astronomy and Astrophysics, 2021, 647, A50.	2.1	22
11	Understanding X-ray and optical selection of galaxy clusters: a comparison of the XXL and CAMIRA cluster catalogues obtained in the common XXL-HSC SSP area. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5624-5637.	1.6	7
12	Radio halos in a mass-selected sample of 75 galaxy clusters. Astronomy and Astrophysics, 2021, 647, A51.	2.1	36
13	Cosmological Constraints from Galaxy Cluster Sparsity, Cluster Gas Mass Fraction, and Baryon Acoustic Oscillation Data. Astrophysical Journal, 2021, 911, 82.	1.6	10
14	CLUMP-3D: the lack of non-thermal motions in galaxy cluster cores. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4338-4344.	1.6	11
15	Voyage through the hidden physics of the cosmic web. Experimental Astronomy, 2021, 51, 1043-1079.	1.6	9
16	Scaling Properties of Galaxy Groups. Universe, 2021, 7, 139.	0.9	41
17	Exploring the spectral properties of radio relics â€“ I: integrated spectral index and Mach number. Monthly Notices of the Royal Astronomical Society, 2021, 506, 396-414.	1.6	32
18	The Cluster HEritage project with <i>XMM-Newton</i>: Mass Assembly and Thermodynamics at the Endpoint of structure formation. Astronomy and Astrophysics, 2021, 650, A104.	2.1	36

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19	The Physical Properties of the Groups of Galaxies. <i>Universe</i> , 2021, 7, 254.	0.9	3
20	Proprieties of clumps and filaments around galaxy clusters. <i>Astronomy and Astrophysics</i> , 2021, 653, A171.	2.1	10
21	Magnetogenesis and the Cosmic Web: A Joint Challenge for Radio Observations and Numerical Simulations. <i>Galaxies</i> , 2021, 9, 109.	1.1	20
22	The Deepest Chandra View of RBS 797: Evidence for Two Pairs of Equidistant X-ray Cavities. <i>Astrophysical Journal Letters</i> , 2021, 923, L25.	3.0	15
23	Turbulent pressure support and hydrostatic mass bias in the intracluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 864-885.	1.6	47
24	CoMaLit – VI. Intrinsic scatter in stacked relations. The weak lensing AMICO galaxy clusters in KiDS-DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 894-905.	1.6	8
25	SZ contribution to characterize the shape of galaxy cluster haloes. <i>EPJ Web of Conferences</i> , 2020, 228, 00009.	0.1	0
26	X-Ray Scaling Relations for a Representative Sample of Planck-selected Clusters Observed with XMM-Newton. <i>Astrophysical Journal</i> , 2020, 892, 102.	1.6	41
27	The BUFFALO HST Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 64.	3.0	57
28	XXL Survey groups and clusters in the Hyper Suprime-Cam Survey. Scaling relations between X-ray properties and weak lensing mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4528-4545.	1.6	25
29	Helium abundance (and H O ) in X-COP galaxy clusters. <i>Astronomische Nachrichten</i> , 2020, 341, 210-216.	0.6	1
30	The Three Hundred Project: Correcting for the hydrostatic-equilibrium mass bias in X-ray and SZ surveys. <i>Astronomy and Astrophysics</i> , 2020, 634, A113.	2.1	46
31	The chemical evolution of galaxy clusters: Dissecting the iron mass budget of the intracluster medium. <i>Astronomy and Astrophysics</i> , 2020, 637, A58.	2.1	20
32	CLASH-VLT: a full dynamical reconstruction of the mass profile of Abell S1063 from 1 kpc out to the virial radius. <i>Astronomy and Astrophysics</i> , 2020, 637, A34.	2.1	27
33	From universal profiles to universal scaling laws in X-ray galaxy clusters. <i>Astronomy and Astrophysics</i> , 2020, 644, A111.	2.1	3
34	Mock catalogs for the extragalactic X-ray sky: Simulating AGN surveys with ATHENA and with the AXIS probe. <i>Astronomy and Astrophysics</i> , 2020, 642, A184.	2.1	25
35	Constraining the origin and models of chemical enrichment in galaxy clusters using the Athena X-IFU. <i>Astronomy and Astrophysics</i> , 2020, 642, A90.	2.1	13
36	Comparing different mass estimators for a large subsample of the Planck-ESZ clusters. <i>Astronomy and Astrophysics</i> , 2020, 644, A78.	2.1	15

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37	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2020, 642, A124.	2.1	6
38	MINOT: Modeling the intracluster medium (non-)thermal content and observable prediction tools. <i>Astronomy and Astrophysics</i> , 2020, 644, A70.	2.1	9
39	Weak-lensing Analysis of X-Ray-selected XXL Galaxy Groups and Clusters with Subaru HSC Data. <i>Astrophysical Journal</i> , 2020, 890, 148.	1.6	45
40	The Galaxy Cluster Mass Scale and Its Impact on Cosmological Constraints from the Cluster Population. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	150
41	The new fundamental plane dictating galaxy cluster evolution. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 271-272.	0.0	0
42	The X-Ray Halo Scaling Relations of Supermassive Black Holes. <i>Astrophysical Journal</i> , 2019, 884, 169.	1.6	64
43	Spectral imaging of the thermal Sunyaev-Zel'dovich effect in X-COP galaxy clusters: method and validation. <i>Astronomy and Astrophysics</i> , 2019, 630, A121.	2.1	4
44	Particle acceleration in a nearby galaxy cluster pair: the role of cluster dynamics. <i>Astronomy and Astrophysics</i> , 2019, 630, A77.	2.1	21
45	A joint XMM- <i>NuSTAR</i> observation of the galaxy cluster Abell 523: Constraints on inverse Compton emission. <i>Astronomy and Astrophysics</i> , 2019, 628, A83.	2.1	20
46	Growth and disruption in the Lyra complex. <i>Astronomy and Astrophysics</i> , 2019, 632, A27.	2.1	5
47	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2019, 632, A54.	2.1	11
48	Halo Concentrations and the Fundamental Plane of Galaxy Clusters. <i>Galaxies</i> , 2019, 7, 8.	1.1	4
49	Polytropic state of the intracluster medium in the X-COP cluster sample. <i>Astronomy and Astrophysics</i> , 2019, 627, A19.	2.1	13
50	Hydrostatic mass profiles in X-COP galaxy clusters. <i>Astronomy and Astrophysics</i> , 2019, 621, A39.	2.1	102
51	Non-thermal pressure support in X-COP galaxy clusters. <i>Astronomy and Astrophysics</i> , 2019, 621, A40.	2.1	108
52	Universal thermodynamic properties of the intracluster medium over two decades in radius in the X-COP sample. <i>Astronomy and Astrophysics</i> , 2019, 621, A41.	2.1	128
53	The Physics of Galaxy Cluster Outskirts. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	102
54	Detecting shocked intergalactic gas with X-ray and radio observations. <i>Astronomy and Astrophysics</i> , 2019, 627, A5.	2.1	32

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55	A BCG with Offset Cooling: Is the AGN Feedback Cycle Broken in A2495?. <i>Astrophysical Journal</i> , 2019, 885, 111.	1.6	13
56	Shaken Snow Globes: Kinematic Tracers of the Multiphase Condensation Cascade in Massive Galaxies, Groups, and Clusters. <i>Astrophysical Journal</i> , 2018, 854, 167.	1.6	123
57	Dissection of the Collisional and Collisionless Mass Components in a Mini Sample of CLASH and HFF Massive Galaxy Clusters at $z \approx 0.4$ . <i>Astrophysical Journal</i> , 2018, 864, 98.	1.6	31
58	A New Interpretation of the Mass-Temperature Relation and Mass Calibration of Galaxy Clusters Based on the Fundamental Plane. <i>Astrophysical Journal</i> , 2018, 863, 37.	1.6	14
59	<i>Athena</i> X-IFU synthetic observations of galaxy clusters to probe the chemical enrichment of the Universe. <i>Astronomy and Astrophysics</i> , 2018, 620, A173.	2.1	28
60	CLUMP-3D: Three-dimensional Shape and Structure of 20 CLASH Galaxy Clusters from Combined Weak and Strong Lensing. <i>Astrophysical Journal</i> , 2018, 860, 126.	1.6	22
61	Radio-continuum surveys with SKA and LOFAR: a first look at the perspectives for radio mini-halos. <i>Astronomy and Astrophysics</i> , 2018, 617, A11.	2.1	12
62	CLUMP-3D: Testing $\Lambda$ CDM with Galaxy Cluster Shapes. <i>Astrophysical Journal Letters</i> , 2018, 860, L4.	3.0	29
63	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A5.	2.1	81
64	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A20.	2.1	20
65	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A1.	2.1	29
66	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A8.	2.1	15
67	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A7.	2.1	11
68	Mass-Richness Relations for X-Ray and SZE-selected Clusters at $0.4 < z < 2.0$ as Seen by Spitzer at 4.5 $\mu$ m. <i>Astrophysical Journal</i> , 2018, 867, 12.	1.6	9
69	Spatial distribution of metals in the ICM: evolution of the iron excess in relaxed galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 361-372.	1.6	13
70	Enrichment of the Hot Intracluster Medium: Observations. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	59
71	Measuring turbulence and gas motions in galaxy clusters via synthetic <i>Athena</i> X-IFU observations. <i>Astronomy and Astrophysics</i> , 2018, 618, A39.	2.1	36
72	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244.	1.2	133

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73	Gravitational lensing detection of an extremely dense environment around a galaxy cluster. <i>Nature Astronomy</i> , 2018, 2, 744-750.	4.2	14
74	The Projected Dark and Baryonic Ellipsoidal Structure of 20 CLASH Galaxy Clusters*. <i>Astrophysical Journal</i> , 2018, 860, 104.	1.6	44
75	Probing Cosmology with Dark Matter Halo Sparsity Using X-Ray Cluster Mass Measurements. <i>Astrophysical Journal</i> , 2018, 862, 40.	1.6	22
76	The Three Hundred project: a large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2898-2915.	1.6	131
77	The XMM Cluster Outskirts Project (X-COP): Thermodynamic properties of the intracluster medium out to $r_{200}$ in Abell 2319. <i>Astronomy and Astrophysics</i> , 2018, 614, A7.	2.1	68
78	The ATHENA x-ray integral field unit (X-IFU)., 2018, , .		120
79	The XMM cluster outskirts project (X-COP). <i>Astronomische Nachrichten</i> , 2017, 338, 293-298.	0.6	79
80	CoMaLit – V. Mass forecasting with proxies: method and application to weak lensing calibrated samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3322-3341.	1.6	35
81	The XXL survey: First results and future. <i>Astronomische Nachrichten</i> , 2017, 338, 334-341.	0.6	9
82	CLUMP-3D: three-dimensional lensing and multi-probe analysis of MACS J1206.2+0847, a remarkably regular cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3801-3826.	1.6	21
83	Dark matter distribution in X-ray luminous galaxy clusters with Emergent Gravity. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 470, L29-L33.	1.2	17
84	X-Ray Morphological Analysis of the Planck ESZ Clusters. <i>Astrophysical Journal</i> , 2017, 846, 51.	1.6	82
85	Joining X-Ray to Lensing: An Accurate Combined Analysis of MACS J0416.1+2403. <i>Astrophysical Journal</i> , 2017, 842, 132.	1.6	19
86	On the Connection between Turbulent Motions and Particle Acceleration in Galaxy Clusters. <i>Astrophysical Journal Letters</i> , 2017, 843, L29.	3.0	51
87	PSZ2LenS. Weak lensing analysis of the Planck clusters in the CFHTLenS and in the RCSLenS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1946-1971.	1.6	61
88	Excess entropy and energy feedback from within cluster cores up to $r_{200}$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 713-726.	1.6	7
89	Deep Chandra observations of the stripped galaxy group falling into Abell 2142. <i>Astronomy and Astrophysics</i> , 2017, 605, A25.	2.1	35
90	Mass distribution in the core of MACS J1206. <i>Astronomy and Astrophysics</i> , 2017, 607, A93.	2.1	50

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91	On the evolution of the entropy and pressure profiles in X-ray luminous galaxy clusters at $z > 0.4$ . <i>Astronomy and Astrophysics</i> , 2017, 604, A100.	2.1	20
92	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A12.	2.1	73
93	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.	2.1	98
94	A critical assessment of the metal content of the intracluster medium. <i>Astronomy and Astrophysics</i> , 2016, 586, A32.	2.1	23
95	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A4.	2.1	66
96	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A3.	2.1	78
97	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A8.	2.1	5
98	CLASH-VLT: DISSECTING THE FRONTIER FIELDS GALAXY CLUSTER MACS J0416.1-2403 WITH $\sim 14800$ SPECTRA OF MEMBER GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 33.	3.0	82
99	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2016, 592, A1.	2.1	199
100	The relation between mass and concentration in X-ray galaxy clusters at high redshift. <i>Astronomy and Astrophysics</i> , 2016, 590, A126.	2.1	24
101	The XMM Cluster Outskirts Project (X-COP): Physical conditions of Abell 2142 up to the virial radius. <i>Astronomy and Astrophysics</i> , 2016, 595, A42.	2.1	51
102	A multiwavelength view of the galaxy cluster Abell 523 and its peculiar diffuse radio source. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2829-2847.	1.6	32
103	Can giant radio halos probe the merging rate of galaxy clusters?. <i>Astronomy and Astrophysics</i> , 2016, 593, A81.	2.1	23
104	THE MORPHOLOGIES AND ALIGNMENTS OF GAS, MASS, AND THE CENTRAL GALAXIES OF CLASH CLUSTERS OF GALAXIES. <i>Astrophysical Journal</i> , 2016, 819, 36.	1.6	50
105	Magnetorotational instability in cool cores of galaxy clusters. <i>Journal of Plasma Physics</i> , 2015, 81, .	0.7	4
106	Comparing masses in literature (CoMaLit) – I. Bias and scatter in weak lensing and X-ray mass estimates of clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3633-3648.	1.6	61
107	The evolution of the spatially resolved metal abundance in galaxy clusters up to $z = 1.4$ . <i>Astronomy and Astrophysics</i> , 2015, 578, A46.	2.1	43
108	CoMaLit – IV. Evolution and self-similarity of scaling relations with the galaxy cluster mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3675-3695.	1.6	43

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109	A weak lensing analysis of the PLCK G100.2-30.4 cluster. <i>Astronomy and Astrophysics</i> , 2015, 579, A7.	2.1	9
110	Occurrence of radio halos in galaxy clusters. <i>Astronomy and Astrophysics</i> , 2015, 580, A97.	2.1	86
111	New XMM-Newton observation of the Phoenix cluster: properties of the cool core. <i>Astronomy and Astrophysics</i> , 2015, 580, A6.	2.1	18
112	The physics inside the scaling relations for X-ray galaxy clusters: gas clumpiness, gas mass fraction and slope of the pressure profile. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2629-2639.	1.6	40
113	The mass-concentration relation in lensing clusters: the role of statistical biases and selection effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2024-2039.	1.6	43
114	CoMaLit II. The scaling relation between mass and Sunyaev-Zel'dovich signal for Planck selected galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3649-3664.	1.6	30
115	THREE-DIMENSIONAL MULTI-PROBE ANALYSIS OF THE GALAXY CLUSTER A1689. <i>Astrophysical Journal</i> , 2015, 806, 207.	1.6	56
116	Gas clumping in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2198-2208.	1.6	70
117	Cluster Radio Halos at the crossroads between astrophysics and cosmology in the SKA era. , 2015, , .		1
118	The SKA view of cool-core clusters: evolution of radio mini-halos and AGN feedback. , 2015, , .		4
119	The stripping of a galaxy group diving into the massive cluster A2142. <i>Astronomy and Astrophysics</i> , 2014, 570, A119.	2.1	70
120	Intracluster light properties in the CLASH-VLT cluster MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2014, 565, A126.	2.1	63
121	THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. <i>Astrophysical Journal</i> , 2014, 797, 34.	1.6	115
122	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.	1.6	105
123	CAN AGN FEEDBACK BREAK THE SELF-SIMILARITY OF GALAXIES, GROUPS, AND CLUSTERS?. <i>Astrophysical Journal Letters</i> , 2014, 783, L10.	3.0	55
124	Dark matter-baryons separation at the lowest mass scale: the Bullet Group~... <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 442, L76-L80.	1.2	17
125	CLASH-VLT: CONSTRAINTS ON THE DARK MATTER EQUATION OF STATE FROM ACCURATE MEASUREMENTS OF GALAXY CLUSTER MASS PROFILES. <i>Astrophysical Journal Letters</i> , 2014, 783, L11.	3.0	23
126	Mass and concentration estimates from weak and strong gravitational lensing: a systematic study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1899-1915.	1.6	42



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127	Mass Profiles of Galaxy Clusters from X-ray Analysis. <i>Space Science Reviews</i> , 2013, 177, 119-154.	3.7	132
128	The Three-Dimensional Shapes of Galaxy Clusters. <i>Space Science Reviews</i> , 2013, 177, 155-194.	3.7	85
129	Outskirts of Galaxy Clusters. <i>Space Science Reviews</i> , 2013, 177, 195-245.	3.7	114
130	Scaling Relations for Galaxy Clusters: Properties and Evolution. <i>Space Science Reviews</i> , 2013, 177, 247-282.	3.7	98
131	Cluster mass profiles from X-ray observations: Present constraints and limitations. <i>Astronomische Nachrichten</i> , 2013, 334, 354-359.	0.6	2
132	Order statistics applied to the most massive and most distant galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 914-930.	1.6	9
133	Properties of gas clumps and gas clumping factor in the intra-cluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 799-814.	1.6	79
134	Hydrodynamical simulations of galaxy clusters in dark energy cosmologies – II. $M$ relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2921-2938.	1.6	39
135	Gas rotation in galaxy clusters: signatures and detectability in X-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1565-1575.	1.6	19
136	Large-scale inhomogeneities of the intracluster medium: improving mass estimates using the observed azimuthal scatter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3030-3046.	1.6	73
137	The generalized scaling relations for X-ray galaxy clusters: the most powerful mass proxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1265-1277.	1.6	28
138	Mass, shape and thermal properties of Abell 1689 using a multiwavelength X-ray, lensing and Sunyaev-Zel'dovich analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2241-2254.	1.6	46
139	ON THE DISCREPANCY BETWEEN THEORETICAL AND X-RAY CONCENTRATION-MASS RELATIONS FOR GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2013, 776, 39.	1.6	33
140	SLOSHING COLD FRONTS IN GALAXY GROUPS AND THEIR PERTURBING DISK GALAXIES: AN X-RAY, OPTICAL, AND RADIO CASE STUDY. <i>Astrophysical Journal</i> , 2013, 770, 56.	1.6	25
141	REVISITING SCALING RELATIONS FOR GIANT RADIO HALOS IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2013, 777, 141.	1.6	165
142	Baryon census in hydrodynamical simulations of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 1487-1502.	1.6	134
143	On mass and shape of galaxy clusters by comparison of X-ray, Sunyaev-Zel'dovich effect, and gravitational lensing observations. <i>Astronomische Nachrichten</i> , 2013, 334, 445-448.	0.6	2
144	CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z = 0.44$ galaxy cluster MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2013, 558, A1.	2.1	145

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145	The X-ray/SZ view of the virial region. <i>Astronomy and Astrophysics</i> , 2013, 551, A22.	2.1	71
146	The X-ray/SZ view of the virial region. <i>Astronomy and Astrophysics</i> , 2013, 551, A23.	2.1	50
147	Cold fronts and metal anisotropies in the X-ray cool core of the galaxy cluster Zw 1742+3306. <i>Astronomy and Astrophysics</i> , 2013, 555, A93.	2.1	15
148	X-ray morphological estimators for galaxy clusters. <i>The Astronomical Review</i> , 2013, 8, 40-70.	4.0	35
149	Lensing and x-ray mass estimates of clusters (simulations). <i>New Journal of Physics</i> , 2012, 14, 055018.	1.2	190
150	A <i>CHANDRA</i> -VLA INVESTIGATION OF THE X-RAY CAVITY SYSTEM AND RADIO MINI-HALO IN THE GALAXY CLUSTER RBS 797. <i>Astrophysical Journal</i> , 2012, 753, 47.	1.6	33
151	Self-similarity of temperature profiles in distant galaxy clusters: the quest for a universal law. <i>Astronomy and Astrophysics</i> , 2012, 545, A41.	2.1	20
152	Cosmology in two dimensions: the concentration-mass relation for galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1558-1573.	1.6	42
153	ORIGIN: metal creation and evolution from the cosmic dawn. <i>Experimental Astronomy</i> , 2012, 34, 519-549.	1.6	6
154	An <i>XMM-Newton</i> spatially-resolved study of metal abundance evolution in distant galaxy clusters. <i>Astronomy and Astrophysics</i> , 2012, 537, A142.	2.1	43
155	Shape and orientation of the gas distribution in A1689. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2646-2656.	1.6	22
156	An application of extreme value statistics to the most massive galaxy clusters at low and high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 1754-1763.	1.6	25
157	Pointing to the minimum scatter: the generalized scaling relations for galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 2058-2063.	1.6	13
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