

Pasquale Mazzotta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chandra Observations of the Planck Early Sunyaev-Zeldovich Sample: A Reexamination of Masses and Mass Proxies. <i>Astrophysical Journal</i> , 2021, 914, 58.	1.6	11
2	Deriving the Hubble constant using <i>Planck</i> and <i>XMM-Newton</i> observations of galaxy clusters. <i>Astronomy and Astrophysics</i> , 2019, 621, A34.	2.1	19
3	Detection of anti-correlation of hot and cold baryons in galaxy clusters. <i>Nature Communications</i> , 2019, 10, 2504.	5.8	38
4	LoCuSS: scaling relations between galaxy cluster mass, gas, and stellar content. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 60-80.	1.6	33
5	The ATHENA x-ray integral field unit (X-IFU). , 2018, , .		120
6	The Fraction of Cool-core Clusters in X-Ray versus SZ Samples Using Chandra Observations. <i>Astrophysical Journal</i> , 2017, 843, 76.	1.6	80
7	Fast weak-lensing simulations with halo model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3574-3590.	1.6	18
8	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A28.	2.1	134
9	Discovery of an exceptionally bright giant arc at $z = 2.369$, gravitationally lensed by the <i>Planck</i> cluster PSZ1-G311.65-18.48. <i>Astronomy and Astrophysics</i> , 2016, 590, L4.	2.1	32
10	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A6.	2.1	62
11	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A2.	2.1	79
12	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A4.	2.1	56
13	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A101.	2.1	24
14	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A27.	2.1	535
15	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A1.	2.1	738
16	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	2.1	173
17	Shapley Supercluster Survey: ram-pressure stripping versus tidal interactions in the Shapley supercluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3345-3369.	1.6	43
18	Selecting background galaxies in weak-lensing analysis of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2776-2792.	1.6	4

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19	A MULTI-WAVELENGTH MASS ANALYSIS OF RCS2 J232727.6-020437, A $\sim 1/3 \text{ Å}$ – $10^{15} \text{ M}_{\odot}$ GALAXY CLUSTER AT $z = 0.7$. <i>Astrophysical Journal</i> , 2015, 814, 1.6 21.		19
20	<i>Planck</i> intermediate results. XXVI. Optical identification and redshifts of <i>Planck</i> clusters with the RTT150 telescope. <i>Astronomy and Astrophysics</i> , 2015, 582, A29.	2.1	46
21	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2015, 581, A14.	2.1	80
22	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. <i>Astronomy and Astrophysics</i> , 2015, 576, A104.	2.1	296
23	A weak lensing analysis of the PLCK G100.2-30.4 cluster. <i>Astronomy and Astrophysics</i> , 2015, 579, A7.	2.1	9
24	<i>Planck</i> intermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. <i>Astronomy and Astrophysics</i> , 2015, 576, A105.	2.1	119
25	<i>Planck</i> intermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. <i>Astronomy and Astrophysics</i> , 2015, 576, A106.	2.1	68
26	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. <i>Astronomy and Astrophysics</i> , 2015, 573, A6.	2.1	13
27	<i>Planck</i> intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. <i>Astronomy and Astrophysics</i> , 2015, 576, A107.		
28	SPECTRAL IMAGING OF GALAXY CLUSTERS WITH <i>PLANCK</i>. <i>Astrophysical Journal</i> , 2015, 815, 92.	1.6	10
29	Shapley Supercluster Survey: Galaxy evolution from filaments to cluster cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 803-822.	1.6	25
30	LoCuSS: Testing hydrostatic equilibrium in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 456, L74-L78.	1.2	93
31	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	2.1	90
32	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	2.1	103
33	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. <i>Astronomy and Astrophysics</i> , 2014, 571, A10.	2.1	68
34	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. <i>Astronomy and Astrophysics</i> , 2014, 571, A31.	2.1	69
35	<i>Planck</i> 2013 results. V. LFI calibration. <i>Astronomy and Astrophysics</i> , 2014, 571, A5.	2.1	67
36	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.	2.1	170

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37	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. <i>Astronomy and Astrophysics</i> , 2014, 565, A103.	2.1	67
38	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	2.1	54
39	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
40	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
41	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	2.1	566
42	LoCuSS: hydrostatic mass measurements of the high-LX cluster sample – cross-calibration of Chandra and XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2342-2360.	1.6	60
43	NEW DETECTIONS OF RADIO MINIHALOS IN COOL CORES OF GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 781, 9.	1.6	82
44	TEMPERATURE STRUCTURE OF THE INTRACLUSTER MEDIUM FROM SMOOTHED-PARTICLE HYDRODYNAMICS AND ADAPTIVE-MESH REFINEMENT SIMULATIONS. <i>Astrophysical Journal</i> , 2014, 791, 96.	1.6	55
45	MAPPING THE PARTICLE ACCELERATION IN THE COOL CORE OF THE GALAXY CLUSTER RX J1720.1+2638. <i>Astrophysical Journal</i> , 2014, 795, 73.	1.6	47
46	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	2.1	948
47	Discovery of large-scale diffuse radio emission and of a new galaxy cluster in the surroundings of MACSJ0520.7-1328. <i>Astronomy and Astrophysics</i> , 2014, 565, A13.	2.1	12
48	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.	2.1	210
49	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.	2.1	223
50	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	2.1	55
51	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134
52	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
53	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	2.1	465
54	<i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. <i>Astronomy and Astrophysics</i> , 2014, 571, A21.	2.1	133

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55	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	2.1	380
56	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	2.1	162
57	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	2.1	126
58	<i>Planck</i> 2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	2.1	129
59	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	2.1	367
60	<i>Planck</i> 2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	2.1	99
61	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	2.1	107
62	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	2.1	116
63	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	2.1	41
64	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	2.1	91
65	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	2.1	74
66	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	2.1	272
67	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	2.1	350
68	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	2.1	806
69	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	2.1	4,703
70	<i>Chandra</i> ACIS-I particle background: an analytical model. Astronomy and Astrophysics, 2014, 566, A25.	2.1	47
71	ON THE DISCREPANCY BETWEEN THEORETICAL AND X-RAY CONCENTRATION-MASS RELATIONS FOR GALAXY CLUSTERS. Astrophysical Journal, 2013, 776, 39.	1.6	33
72	HOT X-RAY CORONAE AROUND MASSIVE SPIRAL GALAXIES: A UNIQUE PROBE OF STRUCTURE FORMATION MODELS. Astrophysical Journal, 2013, 772, 97.	1.6	92

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73	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 557, A52.	2.1	141
74	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	2.1	19
75	SHOCK HEATING OF THE MERGING GALAXY CLUSTER A521. Astrophysical Journal, 2013, 764, 82.	1.6	75
76	The pre-launch <i>Planck</i> Sky Model: a model of sky emission at submillimetre to centimetre wavelengths. Astronomy and Astrophysics, 2013, 553, A96.	2.1	166
77	Is the Sunyaev-Zeldovich effect responsible for the observed steepening in the spectrum of the Coma radio halo?. Astronomy and Astrophysics, 2013, 558, A52.	2.1	21
78	Lensing and x-ray mass estimates of clusters (simulations). New Journal of Physics, 2012, 14, 055018.	1.2	190
79	LoCuSS: THE SUNYAEV-ZEL'DOVICH EFFECT AND WEAK-LENSING MASS SCALING RELATION. Astrophysical Journal, 2012, 754, 119.	1.6	79
80	A comparison of algorithms for the construction of SZ cluster catalogues. Astronomy and Astrophysics, 2012, 548, A51.	2.1	23
81	ORIGIN: metal creation and evolution from the cosmic dawn. Experimental Astronomy, 2012, 34, 519-549.	1.6	6
82	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.	2.1	50
83	<i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	2.1	119
84	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	2.1	180
85	<i>Planck</i> early results. XIII. Statistical properties of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13.	2.1	103
86	<i>Planck</i> early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	2.1	123
87	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	2.1	100
88	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i>. Astronomy and Astrophysics, 2011, 536, A2.	2.1	91
89	Discovery of the correspondence between intra-cluster radio emission and a high pressure region detected through the Sunyaev-Zel'dovich effect. Astronomy and Astrophysics, 2011, 534, L12.	2.1	22
90	A2163: Merger events in the hottest Abell galaxy cluster. Astronomy and Astrophysics, 2011, 527, A21.	2.1	27

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91	<i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. <i>Astronomy and Astrophysics</i> , 2011, 536, A20.	2.1	155
92	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.	2.1	184
93	<i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A22.	2.1	88
94	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A23.	2.1	152
95	<i>Planck</i> early results. XVI. The <i>Planck</i> view of nearby galaxies. <i>Astronomy and Astrophysics</i> , 2011, 536, A16.	2.1	74
96	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.	2.1	224
97	<i>Planck</i> early results. XIX. All-sky temperature and dust optical depth from <i>Planck</i> and IRAS. Constraints on the "dark gas" in our Galaxy. <i>Astronomy and Astrophysics</i> , 2011, 536, A19.	2.1	314
98	<i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. <i>Astronomy and Astrophysics</i> , 2011, 536, A24.	2.1	179
99	<i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. <i>Astronomy and Astrophysics</i> , 2011, 536, A10.	2.1	124
100	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A11.	2.1	174
101	Planck early results. XIV. ERCSC validation and extreme radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A14.	2.1	61
102	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	2.1	335
103	<i>Planck</i> early results. XXVI. Detection with <i>Planck</i> and confirmation by <i>XMM-Newton</i> of PLCKG266.6+27.3, an exceptionally X-ray luminous and massive galaxy cluster at $z \sim 1$. <i>Astronomy and Astrophysics</i> , 2011, 536, A26.	2.1	72
104	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15.	2.1	93
105	<i>Planck</i> early results. I. The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2011, 536, A1.	2.1	394
106	SCALING RELATION IN TWO SITUATIONS OF EXTREME MERGERS. <i>Astrophysical Journal</i> , 2011, 729, 45.	1.6	28
107	SUBARU WEAK-LENSING STUDY OF A2163: BIMODAL MASS STRUCTURE. <i>Astrophysical Journal</i> , 2011, 741, 116.	1.6	48
108	<i>Planck</i> early results. IX. <i>XMM-Newton</i> follow-up for validation of <i>Planck</i> cluster candidates. <i>Astronomy and Astrophysics</i> , 2011, 536, A9.	2.1	126

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109	A COMBINED LOW-RADIO FREQUENCY/X-RAY STUDY OF GALAXY GROUPS. I. GIANT METREWAVE RADIO TELESCOPE OBSERVATIONS AT 235 MHz AND 610 MHz. <i>Astrophysical Journal</i> , 2011, 732, 95.	1.6	74
110	LoCuSS: A COMPARISON OF CLUSTER MASS MEASUREMENTS FROM XMM-NEWTON AND SUBARU TESTING DEVIATION FROM HYDROSTATIC EQUILIBRIUM AND NON-THERMAL PRESSURE SUPPORT. <i>Astrophysical Journal</i> , 2010, 711, 1033-1043.	1.6	128
111	Planck pre-launch status: The Planck mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	2.1	268
112	The stellar and hot gas content of low-mass galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	2
113	LoCuSS: first results from strong-lensing analysis of 20 massive galaxy clusters at $z = 0.2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	76
114	Weighing simulated galaxy clusters using lensing and X-ray. <i>Astronomy and Astrophysics</i> , 2010, 514, A93.	2.1	235
115	Testing the radio halo-cluster merger scenario. <i>Astronomy and Astrophysics</i> , 2009, 505, 45-53.	2.1	23
116	EDGE: Explorer of diffuse emission and gamma-ray burst explosions. <i>Experimental Astronomy</i> , 2009, 23, 67-89.	1.6	19
117	XMAS2: Study Systematics on the ICM Metallicity Measurements. <i>Astrophysical Journal</i> , 2008, 674, 728-741.	1.6	65
118	Do Radio Core-Halos and Cold Fronts in Non-Major-Merging Clusters Originate from the Same Gas Sloshing?. <i>Astrophysical Journal</i> , 2008, 675, L9-L12.	1.6	116
119	A Giant Metrewave Radio Telescope Multifrequency Radio Study of the Isothermal Core of the Poor Galaxy Cluster AWM 4. <i>Astrophysical Journal</i> , 2008, 682, 186-198.	1.6	17
120	Temperature structure of the intergalactic medium within seven nearby and bright clusters of galaxies observed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2008, 479, 307-320.	2.1	71
121	Updating of ionization data for ionization balance evaluations of atoms and ions for the elements hydrogen to germanium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 3569-3599.	0.6	30
122	The importance of merging activity for the kinetic polarization of the Sunyaev-Zel'dovich signal from galaxy clusters. <i>Astronomy and Astrophysics</i> , 2007, 475, 71-81.	2.1	4
123	Radio morphology and spectral analysis of cD galaxies in rich and poor galaxy clusters. <i>Astronomy and Astrophysics</i> , 2007, 476, 99-119.	2.1	37
124	A Chandra Archival Study of the Temperature and Metal Abundance Profiles in Hot Galaxy Clusters at $0.1 < z < 0.3$. <i>Astrophysical Journal</i> , 2007, 666, 835-845.	1.6	71
125	Observing Metallicity in Simulated Clusters with X-MAS2. <i>Globular Clusters - Guides To Galaxies</i> , 2007, , 365-367.	0.1	0
126	High Sensitivity Low Frequency Radio Observations of cD Galaxies. , 2007, , 130-132.		0

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127	Bias on Estimates of X-ray Cluster Mass. EAS Publications Series, 2006, 20, 295-296.	0.3	0
128	ESTREMO/WFXRT: Extreme physics in the Transient and Evolving Cosmos. , 2006, , .		5
129	Systematics in the X-ray cluster mass estimators. Monthly Notices of the Royal Astronomical Society, 2006, 369, 2013-2024.	1.6	257
130	Evidence of gas heating by the central AGN in MKW 3s. Astronomische Nachrichten, 2006, 327, 573-574.	0.6	1
131	Temperature structure of the intra-cluster medium within relaxed clusters of galaxies. EAS Publications Series, 2006, 20, 267-268.	0.3	0
132	Mismatch between X-Ray and Emission-weighted Temperatures in Galaxy Clusters: Cosmological Implications. Astrophysical Journal, 2005, 618, L1-L4.	1.6	89
133	A Hubble Space Telescope lensing survey of X-ray luminous galaxy clusters - IV. Mass, structure and thermodynamics of cluster cores at $z = 0.2$. Monthly Notices of the Royal Astronomical Society, 2005, 359, 417-446.	1.6	232
134	Tracing the warm-hot intergalactic medium in the local Universe. Monthly Notices of the Royal Astronomical Society, 2005, 360, 1110-1122.	1.6	24
135	A full-sky prediction of the Sunyaev-Zeldovich effect from diffuse hot gas in the local universe and the upper limit from the WMAP data. Monthly Notices of the Royal Astronomical Society, 2005, 361, 753-762.	1.6	23
136	Predictions for high-frequency radio surveys of extragalactic sources. Astronomy and Astrophysics, 2005, 431, 893-903.	2.1	214
137	Simulating Chandra observations of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2004, 351, 505-514.	1.6	55
138	Comparing the temperatures of galaxy clusters from hydrodynamical N-body simulations to Chandra and XMM-Newton observations. Monthly Notices of the Royal Astronomical Society, 2004, 354, 10-24.	1.6	340
139	Quenching cluster cooling flows with recurrent hot plasma bubbles. Monthly Notices of the Royal Astronomical Society, 2004, 355, 995-1004.	1.6	87
140	X-ray sources overdensity around the 3C 295 galaxy cluster. Nuclear Physics, Section B, Proceedings Supplements, 2004, 132, 54-57.	0.5	1
141	The faint X-ray source population near 3C 295. Astronomy and Astrophysics, 2004, 422, 11-21.	2.1	18
142	HEATED INTRACLUSTER GAS AND RADIO CONNECTIONS: THE SINGULAR CASE OF MKW 3S. Journal of the Korean Astronomical Society, 2004, 37, 381-385.	1.5	13
143	Detecting X-ray filaments in the low-redshift Universe with XEUS and Constellation-X. Monthly Notices of the Royal Astronomical Society, 2003, 341, 792-804.	1.6	16
144	A Chandra Study of the Complex Structure in the Core of 2A 0335+096. Astrophysical Journal, 2003, 596, 190-203.	1.6	68

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145	Kinetic Sunyaev-Zel'dovich Effect and Cosmic Microwave Background Polarization from Subsonic Bulk Motions of Dense Gas Clouds in Galaxy Cluster Cores. <i>Astrophysical Journal</i> , 2003, 597, L1-L4.	1.6	18
146	[ITAL]Chandra[/ITAL] Temperature Map of A754 and Constraints on Thermal Conduction. <i>Astrophysical Journal</i> , 2003, 586, L19-L23.	1.6	94
147	[ITAL]Chandra[/ITAL] Observation of a 300 Kiloparsec Hydrodynamic Instability in the Intergalactic Medium of the Merging Cluster of Galaxies A3667. <i>Astrophysical Journal</i> , 2002, 569, L31-L34.	1.6	46
148	Evidence for a Heated Gas Bubble inside the "Cooling Flow" Region of MKW 3s. <i>Astrophysical Journal</i> , 2002, 567, L37-L40.	1.6	67
149	Chandra Study of an Overdensity of X-Ray Sources around Two Distant ($z \approx 0.5$) Clusters. <i>Astrophysical Journal</i> , 2001, 548, 624-638.	1.6	59
150	Chandra Observation of RX J1720.1+2638: a Nearly Relaxed Cluster with a Fast-moving Core?. <i>Astrophysical Journal</i> , 2001, 555, 205-214.	1.6	116
151	1WGA J1226.9+3332: A High-Redshift Cluster Discovered by Chandra. <i>Astrophysical Journal</i> , 2001, 560, 86-91.	1.6	17
152	Nonhydrostatic Gas in the Core of the Relaxed Galaxy Cluster A1795. <i>Astrophysical Journal</i> , 2001, 562, L153-L156.	1.6	186
153	Chandra Observation of Abell 2142: Survival of Dense Subcluster Cores in a Merger. <i>Astrophysical Journal</i> , 2000, 541, 542-549.	1.6	402
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