

Norbert Werner

List of Publications by Year in descending order

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154
papers

6,569
citations

43973

48
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76769

74
g-index

155
all docs

155
docs citations

155
times ranked

3812
citing authors

#	ARTICLE	IF	CITATIONS
1	The cycle of metals in the infalling elliptical galaxy NGC 1404. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3159-3178.	1.6	4
2	Very Large Array Radio Study of a Sample of Nearby X-Ray and Optically Bright Early-type Galaxies. Astrophysical Journal, Supplement Series, 2022, 258, 30.	3.0	16
3	Relationships between Stellar Velocity Dispersion and the Atmospheres of Early-type Galaxies. Astrophysical Journal, 2022, 926, 181.	1.6	0
4	Probing Multiphase Gas in Local Massive Elliptical Galaxies via Multiwavelength Observations. Astrophysical Journal, 2022, 928, 150.	1.6	17
5	Annealing of proton radiation damages in Si-PM at room temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 986, 164673.	0.7	8
6	Simulations of expected signal and background of gamma-ray sources by large field-of-view detectors aboard CubeSats. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.0	7
7	Substructures in the core of Abell 2319. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2800-2810.	1.6	6
8	Voyage through the hidden physics of the cosmic web. Experimental Astronomy, 2021, 51, 1043-1079.	1.6	9
9	A shock near the virial radius of the Perseus Cluster. Astronomy and Astrophysics, 2021, 652, A147.	2.1	5
10	Predictions for anisotropic X-ray signatures in the circumgalactic medium: imprints of supermassive black hole driven outflows. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1563-1581.	1.6	21
11	Correlations between supermassive black holes and hot gas atmospheres in IllustrisTNG and X-ray observations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2210-2230.	1.6	22
12	Cosmological constraints from gas mass fractions of massive, relaxed galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 510, 131-145.	1.6	25
13	Distributed Architectures and Constellations for $\hat{\Gamma}^3$ -ray Burst Science. Galaxies, 2021, 9, 120.	1.1	4
14	The mergers in Abell 2256: displaced gas and its connection to the radio-emitting plasma. Monthly Notices of the Royal Astronomical Society, 2020, 495, 5014-5026.	1.6	9
15	Multiwavelength classification of X-ray selected galaxy cluster candidates using convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4141-4153.	1.6	2
16	X-ray signatures of black hole feedback: hot galactic atmospheres in IllustrisTNG and X-ray observations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 549-570.	1.6	44
17	How do atomic code uncertainties affect abundance measurements in the intracluster medium?. Astronomische Nachrichten, 2020, 341, 203-209.	0.6	12
18	Hot Atmospheres of Galaxies, Groups, and Clusters of Galaxies. , 2020, , 279-310.		8

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19	X-ray spectra of the Fe-L complex. <i>Astronomy and Astrophysics</i> , 2020, 641, A93.	2.1	16
20	Hot gaseous atmospheres of rotating galaxies observed with <i>XMM-Newton</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5163-5174.	1.6	10
21	A Black Hole Feedback Valve in Massive Galaxies. <i>Astrophysical Journal</i> , 2020, 899, 70.	1.6	22
22	Properties of the Hot Ambient Medium of Early-type Galaxies Hosting Powerful Radio Sources. <i>Astrophysical Journal</i> , 2020, 899, 159.	1.6	8
23	X-ray spectra of the Fe-L complex. <i>Astronomy and Astrophysics</i> , 2019, 627, A51.	2.1	27
24	Correlations between supermassive black holes, hot atmospheres, and the total masses of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 488, L134-L142.	1.2	20
25	Powerful AGN jets and unbalanced cooling in the hot atmosphere of IC 4296. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1917-1925.	1.6	18
26	Cooling in the X-ray halo of the rotating, massive early-type galaxy NGC 7049. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2886-2895.	1.6	16
27	Magnetic fields and extraordinarily bright radio emission in the X-ray faint galaxy group MRC 0116+111. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5430-5440.	1.6	2
28	Suppressed effective viscosity in the bulk intergalactic plasma. <i>Nature Astronomy</i> , 2019, 3, 832-837.	4.2	45
29	Mass-metallicity relation from cosmological hydrodynamical simulations and X-ray observations of galaxy groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2896-2913.	1.6	17
30	Substructures associated with the sloshing cold front in the Perseus cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1744-1753.	1.6	19
31	Constraining Gas Motions in the Intra-Cluster Medium. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	49
32	Possible depletion of metals into dust grains in the core of the Centaurus cluster of galaxies. <i>Astronomy and Astrophysics</i> , 2019, 623, A17.	2.1	19
33	Estimation of the detected background by the future gamma ray transient mission CAMELOT. <i>Astronomische Nachrichten</i> , 2019, 340, 666-673.	0.6	5
34	Transient detection capabilities of small satellite gamma-ray detectors. <i>Astronomische Nachrichten</i> , 2019, 340, 681-689.	0.6	2
35	Hot Atmospheres, Cold Gas, AGN Feedback and the Evolution of Early Type Galaxies: A Topical Perspective. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	67
36	Constraints on the chemical enrichment history of the Perseus Cluster of galaxies from high-resolution X-ray spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1701-1721.	1.6	39

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37	Performance study of a large CsI(Tl) scintillator with an MPPC readout for nanosatellites used to localize gamma-ray bursts. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 316-320.	0.7	8
38	Shaken Snow Globes: Kinematic Tracers of the Multiphase Condensation Cascade in Massive Galaxies, Groups, and Clusters. Astrophysical Journal, 2018, 854, 167.	1.6	123
39	ALMA observation of the disruption of molecular gas in M87. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3004-3009.	1.6	22
40	Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	46
41	Detection of polarized gamma-ray emission from the Crab nebula with the Hitomi Soft Gamma-ray Detector. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	21
42	Enrichment of the Hot Intracluster Medium: Observations. Space Science Reviews, 2018, 214, 1.	3.7	59
43	Search for thermal X-ray features from the Crab nebula with the Hitomi soft X-ray spectrometer. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
44	Hitomi observations of the LMC SNR N49: Highly redshifted X-ray emission from iron ejecta. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	5
45	Thermodynamic properties, multiphase gas, and AGN feedback in a large sample of giant ellipticals. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4472-4504.	1.6	61
46	Glimpse of the highly obscured HMXB IGR J16318-4848 with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	4
47	Gas Perturbations in the Cool Cores of Galaxy Clusters: Effective Equation of State, Velocity Power Spectra, and Turbulent Heating. Astrophysical Journal, 2018, 865, 53.	1.6	51
48	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
49	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	29
50	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	57
51	Hitomi observation of radio galaxy NGC 1275: The first X-ray microcalorimeter spectroscopy of Fe-K α line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	27
52	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	20
53	Mass-invariance of the iron enrichment in the hot haloes of massive ellipticals, groups, and clusters of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 478, L116-L121.	1.2	25
54	Digging for red nuggets: discovery of hot haloes surrounding massive, compact, relic galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3886-3891.	1.6	17

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55	Hitomi X-ray observation of the pulsar wind nebula G21.5 ^h 0.9. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
56	Solar chemical composition in the hot gas of cool-core ellipticals, groups, and clusters of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 480, L95-L100.	1.2	21
57	Hitomi (ASTRO-H) X-ray Astronomy Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2018, 4, 1.	1.0	64
58	CAMELOT: design and performance verification of the detector concept and localization capability. , 2018, , .		11
59	CAMELOT: Cubesats Applied for MEasuring and LOcalising Transients mission overview. , 2018, , .		12
60	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	3.0	84
61	Radial metal abundance profiles in the intra-cluster medium of cool-core galaxy clusters, groups, and ellipticals. Astronomy and Astrophysics, 2017, 603, A80.	2.1	85
62	Solar abundance ratios of the iron-peak elements in the Perseus cluster. Nature, 2017, 551, 478-480.	13.7	73
63	A uniform metallicity in the outskirts of massive, nearby galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4583-4599.	1.6	64
64	An azimuthally resolved study of the cold front in Abell 3667. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3662-3676.	1.6	29
65	Witnessing the growth of the nearest galaxy cluster: thermodynamics of the Virgo Cluster outskirts. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1476-1495.	1.6	61
66	Improved measurements of turbulence in the hot gaseous atmospheres of nearby giant elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1659-1676.	1.6	55
67	The metallicity of the intracluster medium over cosmic time: further evidence for early enrichment. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2877-2888.	1.6	46
68	Emerging Slovak space technologies and satellites. , 2017, , .		0
69	CHEERS: The chemical evolution RGS sample. Astronomy and Astrophysics, 2017, 607, A98.	2.1	39
70	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	13.7	348
71	Origin of central abundances in the hot intra-cluster medium. Astronomy and Astrophysics, 2016, 592, A157.	2.1	52
72	The nature and energetics of AGN-driven perturbations in the hot gas in the Perseus Cluster. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2902-2915.	1.6	47

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73	Insights into the location and dynamics of the coolest X-ray emitting gas in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2077-2084.	1.6	20
74	Origin of central abundances in the hot intra-cluster medium. Astronomy and Astrophysics, 2016, 595, A126.	2.1	45
75	The ASTRO-H (Hitomi) x-ray astronomy satellite. Proceedings of SPIE, 2016, , .	0.8	47
76	Collisional excitation of [CÂii], [OÂi] and CO in massive galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3042-3057.	1.6	8
77	Deep Chandra study of the truncated cool core of the Ophiuchus cluster. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2752-2764.	1.6	25
78	Deep Chandra observation and numerical studies of the nearest cluster cold front in the sky. Monthly Notices of the Royal Astronomical Society, 2016, 455, 846-858.	1.6	38
79	Suzaku observations of a shock front tracing the western edge of the giant radio halo in the Coma Cluster. Publication of the Astronomical Society of Japan, 2016, 68, .	1.0	10
80	SERENDIPITOUS DISCOVERY OF AN EXTENDED X-RAY JET WITHOUT A RADIO COUNTERPART IN A HIGH-REDSHIFT QUASAR. Astrophysical Journal Letters, 2016, 816, L15.	3.0	30
81	A UNIFORM CONTRIBUTION OF CORE-COLLAPSE AND TYPE Ia SUPERNOVAE TO THE CHEMICAL ENRICHMENT PATTERN IN THE OUTSKIRTS OF THE VIRGO CLUSTER. Astrophysical Journal Letters, 2015, 811, L25.	3.0	59
82	SUPERNOVA SWEEPING AND BLACK HOLE FEEDBACK IN ELLIPTICAL GALAXIES. Astrophysical Journal Letters, 2015, 803, L21.	3.0	56
83	Gas density fluctuations in the Perseus Cluster: clumping factor and velocity power spectrum. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4184-4197.	1.6	71
84	A Suzaku search for dark matter emission lines in the X-ray brightest galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2447-2461.	1.6	80
85	The growth of the galaxy cluster Abell 85: mergers, shocks, stripping and seeding of clumping. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2971-2986.	1.6	67
86	Abundance and temperature distributions in the hot intra-cluster gas of Abell 4059. Astronomy and Astrophysics, 2015, 575, A37.	2.1	45
87	A VERY DEEP CHANDRA OBSERVATION OF THE GALAXY GROUP NGC 5813: AGN SHOCKS, FEEDBACK, AND OUTBURST HISTORY. Astrophysical Journal, 2015, 805, 112.	1.6	101
88	EXTENDED, DUSTY STAR FORMATION FUELED BY A RESIDUAL COOLING FLOW IN THE CLUSTER OF GALAXIES SÂRSIC 159-03. Astrophysical Journal, 2015, 804, 16.	1.6	6
89	Chemical Enrichment RGS cluster Sample (CHEERS): Constraints on turbulence. Astronomy and Astrophysics, 2015, 575, A38.	2.1	66
90	The Dark Matter filament between Abell 222/223 â€“ ERRATUM. Proceedings of the International Astronomical Union, 2014, 11, .	0.0	0

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91	The Dark Matter filament between Abell 222/223. Proceedings of the International Astronomical Union, 2014, 11, 193-198.	0.0	1
92	The ASTRO-H X-ray astronomy satellite. Proceedings of SPIE, 2014, , .	0.8	45
93	The X-ray coronae of the two brightest galaxies in the Coma cluster. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1182-1192.	1.6	16
94	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.	1.6	123
95	Azimuthally resolved X-ray spectroscopy to the edge of the Perseus Cluster. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3939-3961.	1.6	82
96	ON THE INTERACTION OF THE PKS B1358â€“113 RADIO GALAXY WITH THE A1836 CLUSTER. Astrophysical Journal, 2014, 794, 164.	1.6	15
97	Turbulent heating in galaxy clusters brightest in X-rays. Nature, 2014, 515, 85-87.	13.7	253
98	Discovery of Oâ€“vii line emitting gas in elliptical galaxies. Astronomy and Astrophysics, 2014, 572, L8.	2.1	20
99	A uniform metal distribution in the intergalactic medium of the Perseus cluster of galaxies. Nature, 2013, 502, 656-658.	13.7	112
100	THERMODYNAMICS OF THE COMA CLUSTER OUTSKIRTS. Astrophysical Journal, 2013, 775, 4.	1.6	68
101	Linear Structures in the Core of the Coma Cluster of Galaxies. Science, 2013, 341, 1365-1368.	6.0	35
102	Ripping apart at the seams: the network of stripped gas surrounding M86. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2401-2410.	1.6	21
103	Resonant scattering in the Perseus Cluster: spectral model for constraining gas motions with Astro-H. Monthly Notices of the Royal Astronomical Society, 2013, 435, 3111-3121.	1.6	32
104	A multiwavelength view of cooling versus AGN heating in the X-ray luminous cool-core of Abell 3581â€“... Monthly Notices of the Royal Astronomical Society, 2013, 435, 1108-1125.	1.6	35
105	THE NATURE OF FILAMENTARY COLD GAS IN THE CORE OF THE VIRGO CLUSTER. Astrophysical Journal, 2013, 767, 153.	1.6	55
106	PROBING THE EXTREME REALM OF ACTIVE GALACTIC NUCLEUS FEEDBACK IN THE MASSIVE GALAXY CLUSTER, RX J1532.9+3021. Astrophysical Journal, 2013, 777, 163.	1.6	52
107	GIANT LOBES OF CENTAURUSâ€“A RADIO GALAXY OBSERVED WITH THE SUZAKU X-RAY SATELLITE. Astrophysical Journal, 2013, 766, 48.	1.6	31
108	On the thermodynamic self-similarity of the nearest, most relaxed, giant ellipticals. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2731-2740.	1.6	42

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109	Baryons in the outskirts of the X-ray brightest galaxy cluster. AIP Conference Proceedings, 2012, , .	0.3	2
110	Resonant scattering in NGC 5044 and NGC 5813. , 2012, , .		0
111	Estimating turbulent velocities in the elliptical galaxies NGC 5044 and NGC 5813. Astronomy and Astrophysics, 2012, 539, A34.	2.1	70
112	LARGE-SCALE MOTIONS IN THE PERSEUS GALAXY CLUSTER. Astrophysical Journal, 2012, 757, 182.	1.6	64
113	ORIGIN: metal creation and evolution from the cosmic dawn. Experimental Astronomy, 2012, 34, 519-549.	1.6	6
114	The ASTRO-H X-ray Observatory. Proceedings of SPIE, 2012, , .	0.8	63
115	A filament of dark matter between two clusters of galaxies. Nature, 2012, 487, 202-204.	13.7	103
116	Baryons at the Edge of the X-ray "Brightest Galaxy Cluster. Science, 2011, 331, 1576-1579.	6.0	231
117	DISCOVERY OF THE FIRST GIANT DOUBLE RADIO RELIC IN A GALAXY CLUSTER FOUND IN THE <i>PLANCK</i> SUNYAEV-ZEL'DOVICH CLUSTER SURVEY: PLCK G287.0+32.9. Astrophysical Journal Letters, 2011, 736, L8.	3.0	46
118	The metal contents of two groups of galaxies. Astronomy and Astrophysics, 2011, 531, A15.	2.1	13
119	SHOCKS AND CAVITIES FROM MULTIPLE OUTBURSTS IN THE GALAXY GROUP NGC 5813: A WINDOW TO ACTIVE GALACTIC NUCLEUS FEEDBACK. Astrophysical Journal, 2011, 726, 86.	1.6	142
120	Extreme active galactic nucleus feedback and cool-core destruction in the X-ray luminous galaxy cluster MACS J1931.8+2634. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1641-1658.	1.6	53
121	X-ray spectroscopy of the Virgo Cluster out to the virial radius. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2101-2111.	1.6	122
122	Violent interaction between the active galactic nucleus and the hot gas in the core of the galaxy cluster SACS 159+03. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3369-3379.	1.6	28
123	Core-collapse supernova enrichment in the core of the Virgo cluster. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2744-2753.	1.6	22
124	X-ray spectroscopy of galaxy clusters: studying astrophysical processes in the largest celestial laboratories. Astronomy and Astrophysics Review, 2010, 18, 127-196.	9.1	152
125	Metal transport by gas sloshing in M87. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	30
126	Central galaxy growth and feedback in the most massive nearby cool core cluster. Monthly Notices of the Royal Astronomical Society, 2010, 406, 354-367.	1.6	24

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127	Ram-pressure stripping of the cool core of the Ophiuchus Cluster. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	17
128	Cold fronts and multi-temperature structures in the core of Abell 2052. Astronomy and Astrophysics, 2010, 523, A81.	2.1	24
129	Fe-bias in the cluster of galaxies Abell 2052. , 2010, , .		1
130	Search for X-ray signatures of the cosmic web in superclusters. , 2010, , .		0
131	Chemical enrichment in the cluster of galaxies HydraÅ. Astronomy and Astrophysics, 2009, 493, 409-424.	2.1	111
132	Constraints on turbulent pressure in the X-ray haloes of giant elliptical galaxies from resonant scattering. Monthly Notices of the Royal Astronomical Society, 2009, 398, 23-32.	1.6	94
133	A diffuse bubble-like radio-halo source MRCâ€f0116+111: imprint of AGN feedback in a low-mass cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 399, 601-614.	1.6	11
134	Non-Maxwellian electron distributions in clusters of galaxies. Astronomy and Astrophysics, 2009, 503, 373-378.	2.1	18
135	Constraints on turbulent pressure in the X-ray halos of giant elliptical galaxies from resonant scattering. Proceedings of the International Astronomical Union, 2009, 5, 297-298.	0.0	1
136	The large-scale shock in the cluster of galaxies HydraÅ. Astronomy and Astrophysics, 2009, 495, 721-732.	2.1	54
137	Soft X-Ray and Extreme Ultraviolet Excess Emission from Clusters of Galaxies. Space Science Reviews, 2008, 134, 51-70.	3.7	36
138	Observations of Metals in the Intra-Cluster Medium. Space Science Reviews, 2008, 134, 337-362.	3.7	78
139	Clusters of Galaxies: Beyond the Thermal View. Space Science Reviews, 2008, 134, 1-6.	3.7	11
140	Detection of hot gas in the filament connecting the clusters of galaxies Abell 222 and Abell 223. Astronomy and Astrophysics, 2008, 482, L29-L33.	2.1	127
141	Metal-rich multi-phase gas in Mâ€%87. Astronomy and Astrophysics, 2008, 482, 97-112.	2.1	88
142	Observations of Metals in the Intra-Cluster Medium. , 2008, , 337-362.		0
143	Soft X-Ray and Extreme Ultraviolet Excess Emission from Clusters of Galaxies. , 2008, , 51-70.		0
144	Complex X-ray morphology of AbellÅ3128: a distant cluster behind a disturbed cluster. Astronomy and Astrophysics, 2007, 474, 707-716.	2.1	16

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145	Constraining supernova models using the hot gas in clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2007, 465, 345-355.	2.1	115
146	Possible non-thermal nature of the soft-excess emission in the cluster of galaxies SÅ©rsicÅ¹59-03. <i>Astronomy and Astrophysics</i> , 2007, 468, 849-858.	2.1	20
147	Carbon and Nitrogen in the X-ray Emitting Hot Gas of M 87. , 2007, , 309-311.		0
148	XMM-Newton high-resolution spectroscopy reveals the chemical evolution of MÅ87. <i>Astronomy and Astrophysics</i> , 2006, 459, 353-360.	2.1	54
149	Chemical evolution in SÅ©rsic 159-03 observed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2006, 452, 397-412.	2.1	74
150	XMM-Newton spectroscopy of the cluster of galaxies 2AÅ0335+096. <i>Astronomy and Astrophysics</i> , 2006, 449, 475-491.	2.1	69
151	The OviixÅRay Forest toward Markarian 421: Consistency betweenXMMÅNewtonandChandra. <i>Astrophysical Journal</i> , 2006, 652, 189-197.	1.6	94
152	X-ray spectral evolution of SAXÅJ1747.0-2853Åduring outburst activity and confirmation of its transient nature. <i>Astronomy and Astrophysics</i> , 2004, 416, 311-318.	2.1	21
153	Feedback under the microscope - I. Thermodynamic structure and AGN-driven shocks in M87. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2046-2062.	1.6	64
154	Feedback under the microscopeÅf-ÅII. Heating, gas uplift and mixing in the nearest cluster core. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2063-2074.	1.6	78