

# Jeremy Sanders

## List of Publications by Year in descending order

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152  
papers

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31976

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152  
all docs

152  
docs citations

152  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A very deep Chandra observation of the Perseus cluster: shocks, ripples and conduction. Monthly Notices of the Royal Astronomical Society, 2006, 366, 417-428.	4.4	527
2	Chandra imaging of the complex X-ray core of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2000, 318, L65-L68.	4.4	518
3	A deep Chandra observation of the Perseus cluster: shocks and ripples. Monthly Notices of the Royal Astronomical Society, 2003, 344, L43-L47.	4.4	492
4	Turbulent heating in galaxy clusters brightest in X-rays. Nature, 2014, 515, 85-87.	27.8	253
5	Baryons at the Edge of the X-ray "Brightest Galaxy Cluster. Science, 2011, 331, 1576-1579.	12.6	231
6	The relationship between the optical H $\alpha$ filaments and the X-ray emission in the core of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2003, 344, L48-L52.	4.4	211
7	A deeper X-ray study of the core of the Perseus galaxy cluster: the power of sound waves and the distribution of metals and cosmic rays. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1381-1399.	4.4	210
8	Cold molecular gas in the Perseus cluster core. Astronomy and Astrophysics, 2006, 454, 437-445.	5.1	175
9	Contour binning: a new technique for spatially resolved X-ray spectroscopy applied to Cassiopeia A. Monthly Notices of the Royal Astronomical Society, 2006, 371, 829-842.	4.4	173
10	emcee v3: A Python ensemble sampling toolkit for affine-invariant MCMC. Journal of Open Source Software, 2019, 4, 1864.	4.6	162
11	Chandra observations of Abell 2199. Monthly Notices of the Royal Astronomical Society, 2002, 336, 299-308.	4.4	147
12	Magnetic support of the optical emission line filaments in NGC 1275. Nature, 2008, 454, 968-970.	27.8	141
13	Extreme AGN feedback in the MAssive 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
14	Mapping small-scale temperature and abundance structures in the core of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2004, 349, 952-972.	4.4	128
15	Chandra imaging of the X-ray core of Abell 1795. Monthly Notices of the Royal Astronomical Society, 2001, 321, L33-L36.	4.4	126
16	Spatially resolved X-ray spectroscopy of the core of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2002, 331, 273-283.	4.4	126
17	Detection of large-scale X-ray bubbles in the Milky Way halo. Nature, 2020, 588, 227-231.	27.8	122
18	On the determination of the spin of the black hole in Cyg X-1 from X-ray reflection spectra. Monthly Notices of the Royal Astronomical Society, 2012, 424, 217-223.	4.4	117

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19	A wide Chandra view of the core of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2154-2164.	4.4	108
20	Chandra temperature and metallicity maps of the Perseus cluster core. Monthly Notices of the Royal Astronomical Society, 2002, 337, 71-78.	4.4	106
21	X-ray observations of the galaxy cluster PKS 0745-191: to the virial radius, and beyond. Monthly Notices of the Royal Astronomical Society, 2009, 395, 657-666.	4.4	104
22	A thermally stable heating mechanism for the intracluster medium: turbulence, magnetic fields and plasma instabilities. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2446-2457.	4.4	102
23	The prevalence of cooling cores in clusters of galaxies at $z \sim 0.15-0.4$ . Monthly Notices of the Royal Astronomical Society, 2005, 359, 1481-1490.	4.4	98
24	The energy source of the filaments around the giant galaxy NGC 1275. Monthly Notices of the Royal Astronomical Society, 2011, 417, 172-177.	4.4	96
25	A volume-limited sample of X-ray galaxy groups and clusters. I. Radial entropy and cooling time profiles. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2341-2354.	4.4	93
26	A deep Chandra observation of the Centaurus cluster: bubbles, filaments and edges. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 360, L20-L24.	3.3	91
27	Radial metal abundance profiles in the intra-cluster medium of cool-core galaxy clusters, groups, and ellipticals. Astronomy and Astrophysics, 2017, 603, A80.	5.1	85
28	Magnetic fields in the centre of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1500-1506.	4.4	84
29	Azimuthally resolved X-ray spectroscopy to the edge of the Perseus Cluster. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3939-3961.	4.4	82
30	Non-thermal X-rays, a high-abundance ridge and fossil bubbles in the core of the Perseus cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 360, 133-140.	4.4	79
31	Shock fronts, electron-ion equilibration and intracluster medium transport processes in the merging cluster Abell 2146. Monthly Notices of the Royal Astronomical Society, 2012, 423, 236-255.	4.4	79
32	Feedback under the microscope. II. Heating, gas uplift and mixing in the nearest cluster core. Monthly Notices of the Royal Astronomical Society, 0, 407, 2063-2074.	4.4	78
33	Deep high-resolution X-ray spectra from cool-core clusters. Monthly Notices of the Royal Astronomical Society, 2010, 402, 127-144.	4.4	75
34	Do sound waves transport the AGN energy in the Perseus cluster?. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 464, L1-L5.	3.3	75
35	Direct X-ray spectral deprojection of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2008, 390, 1207-1216.	4.4	74
36	ALMA observations of cold molecular gas filaments trailing rising radio bubbles in PKS 0745-191. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3134-3149.	4.4	72

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37	Cool X-ray emitting gas in the core of the Centaurus cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1186-1200.	4.4	71
38	Gas density fluctuations in the Perseus Cluster: clumping factor and velocity power spectrum. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4184-4197.	4.4	71
39	A very deep Chandra view of metals, sloshing and feedback in the Centaurus cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 82-109.	4.4	71
40	Velocity width measurements of the coolest X-ray emitting material in the cores of clusters, groups and elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2727-2738.	4.4	69
41	X-ray exploration of the outskirts of the nearby Centaurus cluster using Suzaku and Chandra. Monthly Notices of the Royal Astronomical Society, 2013, 432, 554-569.	4.4	69
42	The extended H $\alpha$ -emitting filaments surrounding NGC 4696, the central galaxy of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2005, 363, 216-222.	4.4	68
43	THERMODYNAMICS OF THE COMA CLUSTER OUTSKIRTS. Astrophysical Journal, 2013, 775, 4.	4.5	68
44	The missing soft X-ray luminosity in cluster cooling flows. Monthly Notices of the Royal Astronomical Society, 2002, 332, L50-L54.	4.4	65
45	Feedback under the microscope - I. Thermodynamic structure and AGN-driven shocks in M87. Monthly Notices of the Royal Astronomical Society, 0, 407, 2046-2062.	4.4	64
46	LARGE-SCALE MOTIONS IN THE PERSEUS GALAXY CLUSTER. Astrophysical Journal, 2012, 757, 182.	4.5	64
47	The X-ray luminous cluster underlying the bright radio-quiet quasar H1821+643. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1561-1579.	4.4	63
48	The ASTRO-H X-ray Observatory. Proceedings of SPIE, 2012, , .	0.8	63
49	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
50	Enrichment in the Centaurus cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1483-1496.	4.4	58
51	A deep Chandra observation of the cluster environment of the $z=1.786$ radio galaxy 3C 294. Monthly Notices of the Royal Astronomical Society, 2003, 341, 729-738.	4.4	57
52	The giant H $\beta$ /X-ray filament in the cluster of galaxies A1795. Monthly Notices of the Royal Astronomical Society, 2005, 361, 17-33.	4.4	57
53	Precession of the super-massive black hole in NGC 1275 (3C 84)? Monthly Notices of the Royal Astronomical Society, 2006, 366, 758-766.	4.4	57
54	A direct limit on the turbulent velocity of the intracluster medium in the core of Abell 1835 from XMM-Newton. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 402, L11-L15.	3.3	56

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55	Detecting edges in the X-ray surface brightness of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1898-1911.	4.4	54
56	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A2.	5.1	54
57	Giant cavities, cooling and metallicity substructure in Abell 2204. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 71-82.	4.4	53
58	Extreme active galactic nucleus feedback and cool-core destruction in the X-ray luminous galaxy cluster MACSJ1931.8 <sup>h</sup> 2634. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 1641-1658.	4.4	53
59	X-ray observations of the galaxy cluster Abell 2029 to the virial radius. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 3503-3515.	4.4	53
60	Thermodynamic perturbations in the X-ray halo of 33 clusters of galaxies observed with <i>Chandra</i> ACIS. <i>Astronomy and Astrophysics</i> , 2016, 585, A130.	5.1	53
61	PROBING THE EXTREME REALM OF ACTIVE GALACTIC NUCLEUS FEEDBACK IN THE MASSIVE GALAXY CLUSTER, RX J1532.9+3021. <i>Astrophysical Journal</i> , 2013, 777, 163.	4.5	52
62	Chandra observation of two shock fronts in the merging galaxy cluster Abell 2146. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	51
63	Is there a giant Kelvin-Helmholtz instability in the sloshing cold front of the Perseus cluster?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2506-2516.	4.4	50
64	Adaptive binning of X-ray galaxy cluster images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 178-186.	4.4	49
65	Feedback through multiple outbursts in the cluster 2A 0335+096. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1449-1459.	4.4	49
66	MOLECULAR GAS ALONG A BRIGHT H <sub>2</sub> FILAMENT IN 2A 0335+096 REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2016, 832, 148.	4.5	48
67	The weak shock in the core of the Perseus cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 278-288.	4.4	47
68	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
69	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
70	A volume-limited sample of X-ray galaxy groups and clusters II. X-ray cavity dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1236-1259.	4.4	44
71	A <i>Chandra</i> observation of the disturbed cluster core of Abell 2204. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 1022-1028.	4.4	43
72	X-RAY SPECTROSCOPY OF THE CORE OF THE PERSEUS CLUSTER WITH <i>SUZAKU</i> : ELEMENTAL ABUNDANCES IN THE INTRACLUSTER MEDIUM. <i>Astrophysical Journal</i> , 2009, 705, L62-L66.	4.5	42

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73	Constraints on turbulent velocity broadening for a sample of clusters, groups and elliptical galaxies using XMM-Newton. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	42
74	Further X-ray observations of the galaxy cluster PKS 0745 $\hat{\sim}$ 191 to the virial radius and beyond. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1826-1840.	4.4	42
75	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A5.	5.1	41
76	The low-power nucleus of PKS 1246-410 in the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2006, 365, 705-711.	4.4	39
77	CHEERS: The chemical evolution RGS sample. Astronomy and Astrophysics, 2017, 607, A98.	5.1	39
78	Chandra detection of the intracluster medium around 3C 294 at $z=1.786$ . Monthly Notices of the Royal Astronomical Society, 2001, 322, L11-L15.	4.4	38
79	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.	4.4	38
80	The relation between line emission and brightest cluster galaxies in three exceptional clusters: evidence for gas cooling from the intracluster medium. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3409-3417.	4.4	37
81	Hydrostatic Chandra X-ray analysis of SPT-selected galaxy clusters $\hat{\epsilon}$ I. Evolution of profiles and core properties. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1065-1098.	4.4	37
82	Linear Structures in the Core of the Coma Cluster of Galaxies. Science, 2013, 341, 1365-1368.	12.6	35
83	A multiwavelength view of cooling versus AGN heating in the X-ray luminous cool-core of Abell 3581 $\hat{\sim}$ .... Monthly Notices of the Royal Astronomical Society, 2013, 435, 1108-1125.	4.4	35
84	Searching for the missing iron mass in the core of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3290-3296.	4.4	34
85	The split in the ancient cold front in the Perseus cluster. Nature Astronomy, 2018, 2, 292-296.	10.1	34
86	Measuring bulk flows of the intracluster medium in the Perseus and Coma galaxy clusters using $\langle i \rangle$ XMM-Newton $\langle /i \rangle$ . Astronomy and Astrophysics, 2020, 633, A42.	5.1	34
87	Tracing gas motions in the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1369-1376.	4.4	33
88	Fields and filaments in the core of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2007, 382, 67-72.	4.4	33
89	CHARACTERIZATION OF INTRACLUSTER MEDIUM TEMPERATURE DISTRIBUTIONS OF 62 GALAXY CLUSTERS WITH XMM-NEWTON. Astrophysical Journal, 2013, 764, 46.	4.5	33
90	Revealing O $\langle scp \rangle$ vii $\langle /scp \rangle$ from stacked X-ray grating spectra of clusters, groups and elliptical galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 412, L35-L39.	3.3	31

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91	A volume-limited sample of X-ray galaxy groups and clusters – III. Central abundance drops. Monthly Notices of the Royal Astronomical Society, 2015, 447, 417-436.	4.4	30
92	The effect of the quasar H1821+643 on the surrounding intracluster medium: revealing the underlying cooling flow. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2809-2816.	4.4	28
93	Deep 230–470 MHz VLA observations of the mini-halo in the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3872-3880.	4.4	28
94	Resonance scattering, absorption and off-centre abundance peaks in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 370, 63-73.	4.4	27
95	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A10.	5.1	27
96	Isothermal shocks in Abell 2199 and 2A 0335+096?. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 371, L65-L69.	3.3	26
97	Deep Chandra study of the truncated cool core of the Ophiuchus cluster. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2752-2764.	4.4	25
98	Radio observations of the merging galaxy cluster system Abell 3391-Abell 3395. Astronomy and Astrophysics, 2021, 647, A3.	5.1	25
99	Sound waves in the intracluster medium of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 390, L93-L97.	3.3	24
100	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A7.	5.1	24
101	Residual cooling and persistent star formation amid active galactic nucleus feedback in Abell 2597. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1042-1060.	4.4	23
102	Arcus: the x-ray grating spectrometer explorer. , 2016, , .		23
103	HST imaging of the dusty filaments and nucleus swirl in NGC4696 at the centre of the Centaurus Cluster. Monthly Notices of the Royal Astronomical Society, 2016, 461, 922-928.	4.4	23
104	High-resolution VLA low radio frequency observations of the Perseus cluster: radio lobes, mini-halo, and bent-jet radio galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5791-5805.	4.4	23
105	On the relation between mini-halos and AGN feedback in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2934-2958.	4.4	23
106	The bow shock, cold fronts and disintegrating cool core in the merging galaxy group RX J0751.3+5012. Monthly Notices of the Royal Astronomical Society, 2014, 444, 629-641.	4.4	22
107	Multiphase signatures of active galactic nucleus feedback in Abell 2597. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1026-1041.	4.4	21
108	X-ray emission from the ultramassive black hole candidate NGC1277: implications and speculations on its origin. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 431, L38-L42.	3.3	21



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109	Feedback, scatter and structure in the core of the PKS 0745+191 galaxy cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1497-1517.	4.4	21
110	Large-scale gas sloshing out to half the virial radius in the strongest cool core REXCESS galaxy cluster, RXJ2014.8-2430. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 441, L31-L35.	3.3	21
111	Applications for edge detection techniques using <i>Chandra</i> and <i>XMM-Newton</i> data: galaxy clusters and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 684-697.	4.4	21
112	An X-ray absorption analysis of the high-velocity system in NGC 1275. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 159-164.	4.4	20
113	Measuring sloshing, merging, and feedback velocities in the Virgo cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4511-4527.	4.4	19
114	Constraining gas motions in the Centaurus cluster using X-ray surface brightness fluctuations and metal diffusion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3700-3706.	4.4	18
115	eROSITA cluster cosmology forecasts: Cluster temperature substructure bias. <i>Astronomy and Astrophysics</i> , 2017, 606, A118.	5.1	18
116	Studying the merging cluster Abell 3266 with eROSITA. <i>Astronomy and Astrophysics</i> , 2022, 661, A36.	5.1	18
117	The ultraluminous X-ray sources in the high-velocity system of NGC 1275. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1132-1138.	4.4	17
118	A deep spectroscopic study of the filamentary nebulosity in NGC 4696, the brightest cluster galaxy in the Centaurus cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 3080-3099.	4.4	17
119	Searching for cool and cooling X-ray emitting gas in 45 galaxy clusters and groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1757-1774.	4.4	17
120	AGN feedback and iron enrichment in the powerful radio galaxy, 4C+55.16. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3520-3530.	4.4	16
121	The X-ray coronae of the two brightest galaxies in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1182-1192.	4.4	16
122	7.1 keV sterile neutrino constraints from X-ray observations of 33 clusters of galaxies with <i>Chandra</i> ACIS. <i>Astronomy and Astrophysics</i> , 2016, 592, A112.	5.1	15
123	Limits on turbulent propagation of energy in cool-core clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 478, L44-L48.	3.3	15
124	Hoinga: a supernova remnant discovered in the SRG/eROSITA All-Sky Survey eRASS1. <i>Astronomy and Astrophysics</i> , 2021, 648, A30.	5.1	15
125	Dynamical analysis of galaxy cluster merger Abell 2146. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2719-2731.	4.4	14
126	AGN feedback in the Phoenix cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4113-4123.	4.4	14



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127	The X-ray luminous cluster underlying the $z = 1.04$ quasar PKS 1229-021. Monthly Notices of the Royal Astronomical Society, 2012, 422, 590-599.	4.4	13
128	Investigating the cores of fossil systems with Chandra. Astronomy and Astrophysics, 2016, 585, A125.	5.1	13
129	X-ray active galactic nuclei in the core of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2007, 382, 895-902.	4.4	12
130	Star formation in the outer filaments of NGC 1275. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	12
131	Deep Chandra and XMM-Newton X-ray observations of AWM 7 - I. Investigating X-ray surface brightness fluctuations. Monthly Notices of the Royal Astronomical Society, 2012, , no-no.	4.4	12
132	Implications of coronal line emission in NGC 4696*. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1234-1244.	4.4	12
133	An XMM-Newton view of the merging activity in the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2013, 435, 3221-3230.	4.4	11
134	X-ray analysis of filaments in galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2481-2490.	4.4	11
135	Observations of asymmetric velocity fields and gas cooling in the NGC 4636 galaxy group X-ray halo. Astronomy and Astrophysics, 2016, 592, A145.	5.1	11
136	X-ray colour maps of the cores of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2000, 318, 733-746.	4.4	10
137	Detecting sound-wave-like surface brightness ripples in cluster cores. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1749-1757.	4.4	10
138	The velocity structure of the intracluster medium of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1932-1946.	4.4	10
139	Detection of optical coronal emission from 106-K gas in the core of the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 2011, 411, 411-421.	4.4	9
140	What fraction of the density fluctuations in the Perseus cluster core is due to gas sloshing rather than AGN feedback?. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1718-1725.	4.4	9
141	The eROSITA view of the Abell 3391/95 field: The Northern Clump. Astronomy and Astrophysics, 2022, 661, A46.	5.1	9
142	A Multiwavelength Study of the Cool Core Cluster MACS J1447.4+0827. Astronomical Journal, 2020, 160, 103.	4.7	8
143	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A14.	5.1	8
144	Suppressed cooling and turbulent heating in the core of X-ray luminous clusters RXCJ1504.1-0248 and Abell 1664. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1589-1599.	4.4	6

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145	Galaxy cluster outskirts: a universal entropy profile for relaxed clusters?. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 427, L45-L49.	3.3	5
146	The structure of cluster merger shocks: turbulent width and the electron heating time-scale. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1477-1493.	4.4	5
147	Is There an Enormous Cold Front at the Virial Radius of the Perseus Cluster?. Astrophysical Journal, 2022, 929, 37.	4.5	4
148	Heating and Cooling in Clusters and Groups. , 2009, , .		2
149	AGN Feedback and Gas Enrichment in Clusters of Galaxies. Progress of Theoretical Physics Supplement, 2007, 169, 16-19.	0.1	1
150	Exploring the outskirts of Abell 2029 and other galaxy clusters using Suzaku. , 2012, , .		0
151	Thermodynamic perturbations in the X-ray halo of 33 clusters of galaxies observed with Chandra ACIS (Corrigendum). Astronomy and Astrophysics, 2017, 608, C1.	5.1	0
152	Probing the non-thermal emission in the Perseus cluster with the JVLA. Proceedings of the International Astronomical Union, 2018, 14, 44-52.	0.0	0