Paul E J Nulsen

List of Publications by Year
in descending order

226	15,145	13865 67	20961 115
papers	citations	h-index	g-index

227	227	227	4223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Systematic Study of Radioâ€induced Xâ€Ray Cavities in Clusters, Groups, and Galaxies. Astrophysical Journal, 2004, 607, 800-809.	4.5	750
2	[ITAL]Chandra[/ITAL] X-Ray Observations of the Hydra A Cluster: An Interaction between the Radio Source and the X-Rayâ€“emitting Gas. Astrophysical Journal, 2000, 534, L135-L138.	4.5	537
3	Mechanical feedback from active galactic nuclei in galaxies, groups and clusters. New Journal of Physics, 2012, 14, 055023.	2.9	471
4	The Feedbackâ€regulated Growth of Black Holes and Bulges through Gas Accretion and Starbursts in Cluster Central Dominant Galaxies. Astrophysical Journal, 2006, 652, 216-231.	4.5	449
5	ChandraObservation of Abell 2142: Survival of Dense Subcluster Cores in a Merger. Astrophysical Journal, 2000, 541, 542-549.	4.5	402
6	The heating of gas in a galaxy cluster by X-ray cavities and large-scale shock fronts. Nature, 2005, 433, 45-47.	27.8	358
7	A RELATIONSHIP BETWEEN AGN JET POWER AND RADIO POWER. Astrophysical Journal, 2010, 720, 1066-1072.	4.5	350
8	Transport processes and the stripping of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 1982, 198, 1007-1016.	4.4	331
9	What is a cool-core cluster? a detailed analysis ofÂtheÂcores ofÂtheÂX-ray flux-limitedHIFLUGCScluster sample. Astronomy and Astrophysics, 2010, 513, A37.	5.1	321
10	Radiative Efficiency and Content of Extragalactic Radio Sources: Toward a Universal Scaling Relation between Jet Power and Radio Power. Astrophysical Journal, 2008, 686, 859-880.	4.5	313
11	Filaments, Bubbles, and Weak Shocks in the Gaseous Atmosphere of M87. Astrophysical Journal, 2007, 665, 1057-1066.	4.5	265
12	A Highâ€Resolution Study of the Hydra A Cluster withChandra: Comparison of the Core Mass Distribution with Theoretical Predictions and Evidence for Feedback in the Cooling Flow. Astrophysical Journal, 2001, 557, 546-559.	4.5	255
13	Subsonic accretion of cooling gas in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 1977, 180, 479-484.	4.4	252
14	Baryons at the Edge of the X-rayâ€“Brightest Galaxy Cluster. Science, 2011, 331, 1576-1579.	12.6	231
15	Reflections of Active Galactic Nucleus Outbursts in the Gaseous Atmosphere of M87. Astrophysical Journal, 2005, 635, 894-906.	4.5	222
16	Cooling flows in clusters of galaxies. Nature, 1984, 310, 733-740.	27.8	211
17	The Clusterâ€Scale AGN Outburst in Hydra A. Astrophysical Journal, 2005, 628, 629-636.	4.5	204
18	The Regulation of Cooling and Star Formation in Luminous Galaxies by Active Galactic Nucleus Feedback and the Coolingâ€Time/Entropy Threshold for the Onset of Star Formation. Astrophysical Journal, 2008, 687, 899-918.	4.5	193

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19	Discovery of Ghost Cavities in the X-Ray Atmosphere of Abell 2597. Astrophysical Journal, 2001, 562, L149-L152.	4.5	189
20	Non-gravitational heating in the hierarchical formation of X-ray clusters. Monthly Notices of the Royal Astronomical Society, 2000, 318, 889-912.	4.4	172
21	The optical spectra of central galaxies in southern clusters: evidence for star formation. Monthly Notices of the Royal Astronomical Society, 1987, 224, 75-91.	4.4	169
22	Xâ€Ray Supercavities in the Hydra A Cluster and the Outburst History of the Central Galaxyâ€™s Active Nucleus. Astrophysical Journal, 2007, 659, 1153-1158.	4.5	161
23	Chandra Observations of NGC 4636--an Elliptical Galaxy in Turmoil. Astrophysical Journal, 2002, 567, L115-L118.	4.5	156
24	SHOCKS AND CAVITIES FROM MULTIPLE OUTBURSTS IN THE GALAXY GROUP NGC 5813: A WINDOW TO ACTIVE GALACTIC NUCLEUS FEEDBACK. Astrophysical Journal, 2011, 726, 86.	4.5	142
25	THE DISSECTION OF ABELL 2744: A RICH CLUSTER GROWING THROUGH MAJOR AND MINOR MERGERS. Astrophysical Journal, 2011, 728, 27.	4.5	142
26	On the soft X-ray spectrum of cooling flows. Monthly Notices of the Royal Astronomical Society, 2001, 321, L20-L24.	4.4	139
27	The Powerful Outburst in Hercules A. Astrophysical Journal, 2005, 625, L9-L12.	4.5	134
28	SPECTACULAR X-RAY TAILS, INTRACLUSTER STAR FORMATION, AND ULXs IN A3627. Astrophysical Journal, 2010, 708, 946-964.	4.5	134
29	A MECHANISM FOR STIMULATING AGN FEEDBACK BY LIFTING GAS IN MASSIVE GALAXIES. Astrophysical Journal, 2016, 830, 79.	4.5	130
30	The origin of cold gas in giant elliptical galaxies and its role in fuelling radio-mode AGN feedback. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2291-2306.	4.4	123
31	Interaction of Radio Lobes with the Hot Intracluster Medium: Driving Convective Outflow in Hydra A. Astrophysical Journal, 2002, 568, 163-173.	4.5	120
32	Thermal instability in cooling flows. Monthly Notices of the Royal Astronomical Society, 1986, 221, 377-392.	4.4	118
33	High-energy particle acceleration at the radio-lobe shock of Centaurus A. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1999-2012.	4.4	117
34	A 10¹⁰SOLAR MASS FLOW OF MOLECULAR GAS IN THE A1835 BRIGHTEST CLUSTER GALAXY. Astrophysical Journal, 2014, 785, 44.	4.5	112
35	Chemical enrichment in the cluster of galaxies HydraÂA. Astronomy and Astrophysics, 2009, 493, 409-424.	5.1	111
36	ARE RADIO ACTIVE GALACTIC NUCLEI POWERED BY ACCRETION OR BLACK HOLE SPIN?. Astrophysical Journal, 2011, 727, 39.	4.5	110

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37	The mass profile and gas content of M87. Astrophysical Journal, 1984, 278, 536.	4.5	110
38	X-ray cooling flows in isolated elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 1984, 208, 185-195.	4.4	108
39	SHOCKING TAILS IN THE MAJOR MERGER ABELL 2744. Astrophysical Journal Letters, 2012, 750, L23.	8.3	105
40	A VERY DEEPCHANDRAOBSERVATION OF THE GALAXY GROUP NGC 5813: AGN SHOCKS, FEEDBACK, AND OUTBURST HISTORY. Astrophysical Journal, 2015, 805, 112.	4.5	101
41	A 70 Kiloparsec X-Ray Tail in the Cluster A3627. Astrophysical Journal, 2006, 637, L81-L84.	4.5	98
42	Star formation in a cooling flow. Monthly Notices of the Royal Astronomical Society, 1982, 201, 933-938.	4.4	94
43	ASCA and ROSAT observations of nearby cluster cooling flows. Monthly Notices of the Royal Astronomical Society, 2001, 322, 589-613.	4.4	92
44	The interaction of the radio halo of M87 with the cooling intracluster medium of the Virgo cluster. Monthly Notices of the Royal Astronomical Society, 1995, 274, L67-L71.	4.4	91
45	A HIGH FIDELITY SAMPLE OF COLD FRONT CLUSTERS FROM THECHANDRAARCHIVE. Astrophysical Journal, 2009, 704, 1349-1370.	4.5	91
46	The Starburst in the Abell 1835 Cluster Central Galaxy: A Case Study of Galaxy Formation Regulated by an Outburst from a Supermassive Black Hole. Astrophysical Journal, 2006, 648, 164-175.	4.5	86
47	AN ENERGETIC AGN OUTBURST POWERED BY A RAPIDLY SPINNING SUPERMASSIVE BLACK HOLE OR AN ACCRETING ULTRAMASSIVE BLACK HOLE. Astrophysical Journal, 2009, 698, 594-605.	4.5	85
48	The duty cycle of radio-mode feedback in complete samples of clusters. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3468-3488.	4.4	85
49	A Galaxy-scale Fountain of Cold Molecular Gas Pumped by a Black Hole. Astrophysical Journal, 2018, 865, 13.	4.5	85
50	The Onset of Thermally Unstable Cooling from the Hot Atmospheres of Giant Galaxies in Clusters: Constraints on Feedback Models. Astrophysical Journal, 2017, 851, 66.	4.5	83
51	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
52	The Hot Gas Content of Lowâ€Luminosity Earlyâ€Type Galaxies and the Implications Regarding Supernova Heating and Active Galactic Nucleus Feedback. Astrophysical Journal, 2006, 653, 207-221.	4.5	80
53	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
54	Alma Observations of Massive Molecular Gas Filaments Encasing Radio Bubbles in the Phoenix Cluster. Astrophysical Journal, 2017, 836, 130.	4.5	79

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55	Driving massive molecular gas flows in central cluster galaxies with AGN feedback. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3025-3045.	4.4	79
56	NGC 1275 and the Perseus cluster: the formation of optical filaments in cooling gas in X-ray clusters. Monthly Notices of the Royal Astronomical Society, 1980, 191, 399-410.	4.4	78
57	Feedback under the microscopeâ€ƒâ€ƒII. Heating, gas uplift and mixing in the nearest cluster core. Monthly Notices of the Royal Astronomical Society, 0, 407, 2063-2074.	4.4	78
58	[ITAL]Chandra[/ITAL] X-Ray Detection of the Radio Hot Spots of 3C 295. Astrophysical Journal, 2000, 530, L81-L84.	4.5	78
59	ISOTROPIC ACTIVE GALACTIC NUCLEUS HEATING WITH SMALL RADIO-QUIET BUBBLES IN THE NGC 5044 GROUP. Astrophysical Journal, 2009, 705, 624-638.	4.5	77
60	CAVITIES AND SHOCKS IN THE GALAXY GROUP HCG 62 AS REVEALED BYCHANDRA,XMM-NEWTON, AND GIANT METREWAVE RADIO TELESCOPE DATA. Astrophysical Journal, 2010, 714, 758-771.	4.5	76
61	New Results on Particle Acceleration in the Centaurus A Jet and Counterjet from a Deep Chandra Observation. Astrophysical Journal, 2007, 670, L81-L84.	4.5	74
62	POLYCYCLIC AROMATIC HYDROCARBONS, IONIZED GAS, AND MOLECULAR HYDROGEN IN BRIGHTEST CLUSTER GALAXIES OF COOL-CORE CLUSTERS OF GALAXIES. Astrophysical Journal, 2011, 732, 40.	4.5	74
63	Fuelling quasars with hot gas. Monthly Notices of the Royal Astronomical Society, 2000, 311, 346-356.	4.4	73
64	MASSIVE MOLECULAR GAS FLOWS IN THE A1664 BRIGHTEST CLUSTER GALAXY. Astrophysical Journal, 2014, 784, 78.	4.5	72
65	ALMA observations of cold molecular gas filaments trailing rising radio bubbles in PKSÂ0745âˆ’191. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3134-3149.	4.4	72
66	The Origin of Molecular Clouds in Central Galaxies. Astrophysical Journal, 2018, 853, 177.	4.5	70
67	ChandraObservations of Gas Stripping in the Elliptical Galaxy NGC 4552 in the Virgo Cluster. Astrophysical Journal, 2006, 644, 155-166.	4.5	69
68	Mass deposition in cooling flows - analysis of the X-ray data. Monthly Notices of the Royal Astronomical Society, 1987, 228, 973-991.	4.4	68
69	THERMODYNAMICS OF THE COMA CLUSTER OUTSKIRTS. Astrophysical Journal, 2013, 775, 4.	4.5	68
70	Ram pressure stripping in a changing environment. Monthly Notices of the Royal Astronomical Society, 1984, 208, 261-278.	4.4	67
71	Conduction and the Star Formation Threshold in Brightest Cluster Galaxies. Astrophysical Journal, 2008, 681, L5-L8.	4.5	67
72	DIRECT EVIDENCE FOR OUTFLOW OF METAL-ENRICHED GAS ALONG THE RADIO JETS OF HYDRA A. Astrophysical Journal, 2009, 707, L69-L72.	4.5	67

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73	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
74	MINOR MERGER-INDUCED COLD FRONTS IN ABELL 2142 AND RXJ1720.1+2638. Astrophysical Journal, 2011, 741, 122.	4.5	64
75	LARGE-SCALE MOTIONS IN THE PERSEUS GALAXY CLUSTER. Astrophysical Journal, 2012, 757, 182.	4.5	64
76	Cycling of the powerful AGN in MS 0735.6+7421 and the duty cycle of radio AGN in clusters. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3192-3205.	4.4	61
77	Cosmological Effects of Powerful AGN Outbursts in Galaxy Clusters: Insights from anXMMâ€NewtonObservation of MS 0735+7421. Astrophysical Journal, 2007, 660, 1118-1136.	4.5	60
78	ChandraObservations of Nuclear Outflows in the Elliptical Galaxy NGC 4552 in the Virgo Cluster. Astrophysical Journal, 2006, 648, 947-955.	4.5	58
79	STRIPPED ELLIPTICAL GALAXIES AS PROBES OF ICM PHYSICS. I. TAILS, WAKES, AND FLOW PATTERNS IN AND AROUND STRIPPED ELLIPTICALS. Astrophysical Journal, 2015, 806, 103.	4.5	57
80	THE NATURE OF FILAMENTARY COLD GAS IN THE CORE OF THE VIRGO CLUSTER. Astrophysical Journal, 2013, 767, 153.	4.5	55
81	ACTIVE-GALACTIC-NUCLEUS-DRIVEN WEATHER AND MULTIPHASE GAS IN THE CORE OF THE NGC 5044 GALAXY GROUP. Astrophysical Journal, 2011, 728, 162.	4.5	54
82	The large-scale shock in the cluster of galaxies HydraÂA. Astronomy and Astrophysics, 2009, 495, 721-732.	5.1	54
83	STRIPPED ELLIPTICAL GALAXIES AS PROBES OF ICM PHYSICS. II. STIRRED, BUT MIXED? VISCOUS AND INVISCID GAS STRIPPING OF THE VIRGO ELLIPTICAL M89. Astrophysical Journal, 2015, 806, 104.	4.5	53
84	Cooling flows in clusters of galaxies. Astronomy and Astrophysics Review, 1991, 2, 191-226.	25.5	51
85	KELVIN-HELMHOLTZ INSTABILITIES AT THE SLOSHING COLD FRONTS IN THE VIRGO CLUSTER AS A MEASURE FOR THE EFFECTIVE INTRACLUSTER MEDIUM VISCOSITY. Astrophysical Journal, 2013, 764, 60.	4.5	51
86	A Universal Entropy Profile for the Hot Atmospheres of Galaxies and Clusters within R₂₅₀₀. Astrophysical Journal, 2018, 862, 39.	4.5	51
87	Close entrainment of massive molecular gas flows by radio bubbles in the central galaxy of Abell 1795. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4024-4037.	4.4	49
88	SUBSTRUCTURE IN THE COLD FRONT CLUSTER ABELL 3667. Astrophysical Journal, 2009, 693, 901-913.	4.5	48
89	MOLECULAR GAS ALONG A BRIGHT HÎ± FILAMENT IN 2A 0335+096 REVEALED BY ALMA. Astrophysical Journal, 2016, 832, 148.	4.5	48
90	DEEP CHANDRA OBSERVATIONS OF NGC 1404: CLUSTER PLASMA PHYSICS REVEALED BY AN INFALLING EARLY-TYPE GALAXY. Astrophysical Journal, 2017, 834, 74.	4.5	48

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91	X-Ray Scaling Relations of Early-type Galaxies. Astrophysical Journal, 2018, 857, 32.	4.5	47
92	Chandra and JVLA Observations of HST Frontier Fields Cluster MACS J0717.5+3745. Astrophysical Journal, 2017, 835, 197.	4.5	46
93	Damped LyÎ± absorbers from dwarf galaxy ejecta. Monthly Notices of the Royal Astronomical Society, 1998, 301, 168-174.	4.4	45
94	ACHANDRASTUDY OF THE LARGE-SCALE SHOCK AND COOL FILAMENTS IN HYDRA A: EVIDENCE FOR SUBSTANTIAL GAS DREDGE-UP BY THE CENTRAL OUTBURST. Astrophysical Journal, 2011, 732, 13.	4.5	45
95	XMMâ€NewtonObservation of an Xâ€Ray Trail between the Spiral Galaxy NGC 6872 and the Central Elliptical Galaxy NGC 6876 in the Pavo Group. Astrophysical Journal, 2005, 630, 280-297.	4.5	44
96	A POWERFUL AGN OUTBURST IN RBS 797. Astrophysical Journal, 2011, 732, 71.	4.5	44
97	THE GAS DYNAMICS OF NGC 4472 REVEALED BYXMM-NEWTON. Astrophysical Journal, 2011, 727, 41.	4.5	44
98	FRONTIER FIELDS CLUSTERS:CHANDRAAND JVLA VIEW OF THE PRE-MERGING CLUSTER MACS J0416.1-2403. Astrophysical Journal, 2015, 812, 153.	4.5	44
99	LONG-TERM MONITORING OF THE DYNAMICS AND PARTICLE ACCELERATION OF KNOTS IN THE JET OF CENTAURUS A. Astrophysical Journal, 2010, 708, 675-697.	4.5	43
100	THE JET HEATED X-RAY FILAMENT IN THE CENTAURUS A NORTHERN MIDDLE RADIO LOBE. Astrophysical Journal, 2009, 698, 2036-2047.	4.5	41
101	VLA Radio Observations of the HST Frontier Fields Cluster Abell 2744: The Discovery of New Radio Relics. Astrophysical Journal, 2017, 845, 81.	4.5	41
102	AChandraStudy of the Lobe/Interstellar Medium Interactions around the Inner Radio Lobes of Centaurus A: Constraints on the Temperature Structure and Transport Processes. Astrophysical Journal, 2007, 665, 1129-1137.	4.5	40
103	THE NARROW X-RAY TAIL AND DOUBLE HÎ± TAILS OF ESO 137-002 IN A3627. Astrophysical Journal, 2013, 777, 122.	4.5	40
104	The Cocoon Shocks of Cygnus A: Pressures and Their Implications for the Jets and Lobes. Astrophysical Journal, 2018, 855, 71.	4.5	39
105	X-ray observations of the Ophiuchus, PKS 0745â€“191 and Cygnus-A clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 1987, 227, 241-256.	4.4	38
106	The soft X-ray background: evidence for widespread disruption of the gas haloes of galaxy groups. Monthly Notices of the Royal Astronomical Society, 2001, 324, 95-107.	4.4	37
107	A relationship between halo mass, cooling, active galactic nuclei heating and the co-evolution of massive black holes. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4360-4382.	4.4	37
108	The ram pressure stripped radio tails of galaxies in the Coma cluster. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4654-4673.	4.4	37

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109	The detection of distant cooling flows and the formation of dark matter. Astrophysical Journal, 1986, 305, 9.	4.5	37
110	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.	4.4	35
111	GAS SLOSHING AND BUBBLES IN THE GALAXY GROUP NGC 5098. Astrophysical Journal, 2009, 700, 1404-1414.	4.5	34
112	EXPLORING THE UNUSUALLY HIGH BLACK-HOLE-TO-BULGE MASS RATIOS IN NGC 4342 AND NGC 4291: THE ASYNCHRONOUS GROWTH OF BULGES AND BLACK HOLES. Astrophysical Journal, 2012, 753, 140.	4.5	34
113	Gas Sloshing Regulates and Records the Evolution of the Fornax Cluster. Astrophysical Journal, 2017, 851, 69.	4.5	34
114	An X-ray, optical and radio study of PKS 0745 â€“ 191: a massive cooling flow. Monthly Notices of the Royal Astronomical Society, 1985, 216, 923-932.	4.4	33
115	ACHANDRA-VLA INVESTIGATION OF THE X-RAY CAVITY SYSTEM AND RADIO MINI-HALO IN THE GALAXY CLUSTER RBS 797. Astrophysical Journal, 2012, 753, 47.	4.5	33
116	A detailed X-ray study of the cooling intracluster gas in A496. Monthly Notices of the Royal Astronomical Society, 1982, 199, 1089-1099.	4.4	32
117	Diffuse Ly Â emission around NGC 1275. Monthly Notices of the Royal Astronomical Society, 1984, 208, 179-184.	4.4	31
118	Where Centaurus A Gets Its X-Ray Knottiness. Astrophysical Journal, 2008, 673, L135-L138.	4.5	31
119	IRREGULAR SLOSHING COLD FRONTS IN THE NEARBY MERGING GROUPS NGC 7618 AND UGC 12491: EVIDENCE FOR KELVIN-HELMHOLTZ INSTABILITIES. Astrophysical Journal, 2012, 754, 147.	4.5	31
120	Mass Distribution in Galaxy Cluster Cores. Astrophysical Journal, 2017, 837, 51.	4.5	31
121	Star formation in a galactic wind. Nature, 1980, 287, 613-614.	27.8	30
122	Optical filaments around NGC 4696 in the Centaurus cluster. Monthly Notices of the Royal Astronomical Society, 1982, 201, 17P-19P.	4.4	30
123	RADIO AND DEEPCHANDRAOBSERVATIONS OF THE DISTURBED COOL CORE CLUSTER ABELL 133. Astrophysical Journal, 2010, 722, 825-846.	4.5	30
124	Metal transport by gas sloshing in M87. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	30
125	DEEPCHANDRAOBSERVATIONS OF A2199: THE INTERPLAY BETWEEN MERGER-INDUCED GAS MOTIONS AND NUCLEAR OUTBURSTS IN A COOL CORE CLUSTER. Astrophysical Journal, 2013, 775, 117.	4.5	30
126	ACHANDRAX-RAY ANALYSIS OF ABELL 1664: COOLING, FEEDBACK, AND STAR FORMATION IN THE CENTRAL CLUSTER GALAXY. Astrophysical Journal, 2009, 697, 867-879.	4.5	29

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127	The Recent Growth History of the Fornax Cluster Derived from Simultaneous Sloshing and Gas Stripping:ÂSimulating the Infall of NGC 1404. Astrophysical Journal, 2018, 865, 118.	4.5	29
128	Origins of Molecular Clouds in Early-type Galaxies. Astrophysical Journal, 2019, 887, 149.	4.5	29
129	Shocking features in the merging galaxy cluster RXJ0334.2â^'0111. Monthly Notices of the Royal Astronomical Society, 2016, 458, 681-694.	4.4	28
130	The effect of supernova heating on cluster properties and constraints on galaxy formation models. Monthly Notices of the Royal Astronomical Society, 1998, 301, L20-L24.	4.4	27
131	A MERGER SHOCK IN A2034. Astrophysical Journal, 2014, 780, 163.	4.5	27
132	GINGA and EXOSAT observations of the Perseus cluster of galaxies. Monthly Notices of the Royal Astronomical Society, 1992, 254, 51-58.	4.4	26
133	AN ACTIVE GALACTIC NUCLEUS DRIVEN SHOCK IN THE INTRACLUSTER MEDIUM AROUND THE RADIO GALAXY 3C 310. Astrophysical Journal, 2012, 749, 19.	4.5	26
134	ABELL 1201: THE ANATOMY OF A COLD FRONT CLUSTER FROM COMBINED OPTICAL AND X-RAY DATA. Astrophysical Journal, 2009, 692, 702-722.	4.5	25
135	Stripped Elliptical Galaxies as Probes of ICM Physics. III. Deep Chandra Observations of NGC 4552: Measuring the Viscosity of the Intracluster Medium. Astrophysical Journal, 2017, 848, 27.	4.5	25
136	A ¹³CO Detection in a Brightest Cluster Galaxy. Astrophysical Journal, 2017, 848, 101.	4.5	25
137	RADIO ACTIVE GALAXY NUCLEI IN GALAXY CLUSTERS: HEATING HOT ATMOSPHERES AND DRIVING SUPERMASSIVE BLACK HOLE GROWTH OVER COSMIC TIME. Astrophysical Journal, 2013, 763, 63.	4.5	24
138	Variability and Proper Motion of X-Ray Knots in the Jet of Centaurus A. Astrophysical Journal, 2019, 871, 248.	4.5	24
139	Gas processes during the formation of galaxies. Monthly Notices of the Royal Astronomical Society, 1997, 291, 425-436.	4.4	23
140	The dwarf galaxy population in Abell 2218. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1135-1144.	4.4	23
141	MODEL-INDEPENDENT X-RAY MASS DETERMINATIONS. Astrophysical Journal, 2010, 722, 55-64.	4.5	23
142	Buoyant AGN Bubbles in the Quasi-isothermal Potential of NGC 1399. Astrophysical Journal, 2017, 847, 94.	4.5	23
143	Detection of Superluminal Motion in the X-Ray Jet of M87. Astrophysical Journal, 2019, 879, 8.	4.5	23
144	A universal correlation between warm and hot gas in the stripped tails of cluster galaxies. Nature Astronomy, 2022, 6, 270-274.	10.1	23

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145	A <italic>ROSAT</italic> determination of the mass of the central Virgo Cluster. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	22
146	A deep Chandra observation of the active galactic nucleus outburst and merger in Hickson compact group 62. Monthly Notices of the Royal Astronomical Society, 2013, 428, 58-70.	4.4	22
147	Uplift, Feedback, and Buoyancy: Radio Lobe Dynamics in NGC 4472. Astrophysical Journal, 2017, 848, 26.	4.5	22
148	Molecular Gas Filaments and Star-forming Knots Beneath an X-Ray Cavity in RXC J1504â€“0248. Astrophysical Journal, 2018, 863, 193.	4.5	22
149	An Enormous Molecular Gas Flow in the RX J0821+0752 Galaxy Cluster. Astrophysical Journal, 2019, 870, 57.	4.5	22
150	The Complex Xâ€Ray Morphology of NGC 7618: A Major Groupâ€Group Merger in the Local Universe?. Astrophysical Journal, 2006, 640, 762-767.	4.5	21
151	Evidence for Nonhydrostatic Gas Motions in the Hot Interstellar Medium of Centaurus A. Astrophysical Journal, 2008, 677, L97-L100.	4.5	21
152	DARK MATTER SUBHALOS AND THE X-RAY MORPHOLOGY OF THE COMA CLUSTER. Astrophysical Journal, 2013, 766, 107.	4.5	21
153	A New Class of X-Ray Tails of Early-type Galaxies and Subclusters in Galaxy Clusters: Slingshot Tails versus Ram Pressure Stripped Tails. Astrophysical Journal, 2019, 874, 112.	4.5	21
154	Luminosity segregation in three clusters of galaxies (A119, A2443, A2218). Monthly Notices of the Royal Astronomical Society, 2005, 364, 1147-1157.	4.4	20
155	AVERAGE HEATING RATE OF HOT ATMOSPHERES IN DISTANT CLUSTERS BY RADIO ACTIVE GALACTIC NUCLEUS: EVIDENCE FOR CONTINUOUS ACTIVE GALACTIC NUCLEUS HEATING. Astrophysical Journal, 2011, 740, 51.	4.5	20
156	AGN feedback in galaxy group 3CÂ88: cavities, shock, and jet reorientation. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3376-3392.	4.4	20
157	The Extended Fe Distribution in the Intracluster Medium and the Implications Regarding AGN Heating. Astrophysical Journal, 2008, 689, 837-850.	4.5	19
158	The imprints of AGN feedback within a supermassive black hole's sphere of influence. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3583-3599.	4.4	19
159	A deep learning view of the census of galaxy clusters in IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5620-5628.	4.4	19
160	CAPTURING THE 3D MOTION OF AN INFALLING GALAXY VIA FLUID DYNAMICS. Astrophysical Journal, 2017, 835, 19.	4.5	18
161	THE DISCOVERY OF LENSED RADIO AND X-RAY SOURCES BEHIND THE FRONTIER FIELDS CLUSTER MACSÂJ0717.5+3745 WITH THE JVLA AND CHANDRA. Astrophysical Journal, 2016, 817, 98.	4.5	17
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