William Forman

List of Publications by Year
in descending order

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355 papers	21,929 citations	10070 75 h-index	12940 136 g-index
361 all docs	361 docs citations	361 times ranked	7202 citing authors

#	Article	IF	Citations
1	ChandraSample of Nearby Relaxed Galaxy Clusters: Mass, Gas Fraction, and Massâ€Temperature Relation. Astrophysical Journal, 2006, 640, 691-709.	1.6	1,100
2	Direct Constraints on the Dark Matter Selfâ€Interaction Cross Section from the Merging Galaxy Cluster 1E 0657â˜56. Astrophysical Journal, 2004, 606, 819-824.	1.6	627
3	Evolution of Buoyant Bubbles in M87. Astrophysical Journal, 2001, 554, 261-273.	1.6	581
4	A Textbook Example of a Bow Shock in the Merging Galaxy Cluster 1E 0657-56. Astrophysical Journal, 2002, 567, L27-L31.	1.6	503
5	The structure of clusters of galaxies observed with Einstein. Astrophysical Journal, 1984, 276, 38.	1.6	479
6	CHANDRASTUDIES OF THE X-RAY GAS PROPERTIES OF GALAXY GROUPS. Astrophysical Journal, 2009, 693, 1142-1172.	1.6	459
7	ChandraTemperature Profiles for a Sample of Nearby Relaxed Galaxy Clusters. Astrophysical Journal, 2005, 628, 655-672.	1.6	437
8	Hot coronae around early-type galaxies. Astrophysical Journal, 1985, 293, 102.	1.6	433
9	HOST GALAXIES, CLUSTERING, EDDINGTON RATIOS, AND EVOLUTION OF RADIO, X-RAY, AND INFRARED-SELECTED AGNs. Astrophysical Journal, 2009, 696, 891-919.	1.6	407
10	The Temperature Structure of 30 Nearby Clusters Observed withASCA: Similarity of Temperature Profiles. Astrophysical Journal, 1998, 503, 77-96.	1.6	395
11	The Einstein /HEAO 2/ X-ray Observatory. Astrophysical Journal, 1979, 230, 540.	1.6	395
12	An investigation of cooling flows and general cluster properties from an X-ray image deprojection analysis of 207 clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 1997, 292, 419-467.	1.6	370
13	The fourth UHURU catalog of X-ray sources.. Astrophysical Journal, Supplement Series, 1978, 38, 357.	3.0	358
14	A catalog of intracluster gas temperatures. Astrophysical Journal, 1993, 412, 479.	1.6	342
15	A Catalog of 203 Galaxy Clusters Serendipitously Detected in theROSATPSPC Pointed Observations. Astrophysical Journal, 1998, 502, 558-581.	1.6	322
16	XMMâ€NewtonObservations of the Perseus Cluster. I. The Temperature and Surface Brightness Structure. Astrophysical Journal, 2003, 590, 225-237.	1.6	310
17	Cooling flows as a calorimeter of active galactic nucleus mechanical power. Monthly Notices of the Royal Astronomical Society, 2002, 332, 729-734.	1.6	302
18	Filaments, Bubbles, and Weak Shocks in the Gaseous Atmosphere of M87. Astrophysical Journal, 2007, 665, 1057-1066.	1.6	265

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19	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.	1.6	255
20	Strong and Weak Lensing United. III. Measuring the Mass Distribution of the Merging Galaxy Cluster 1ES 0657â˜'558. Astrophysical Journal, 2006, 652, 937-947.	1.6	254
21	LOW-RESOLUTION SPECTRAL TEMPLATES FOR ACTIVE GALACTIC NUCLEI AND GALAXIES FROM 0.03 TO 30 Î¼m. Astrophysical Journal, 2010, 713, 970-985.	1.6	251
22	Einstein ObservatoryImages of Clusters of Galaxies. Astrophysical Journal, 1999, 511, 65-83.	1.6	244
23	Images, Structural Properties, and Metal Abundances of Galaxy Clusters Observed with<i>Chandra</i>ACISâ€‰at 0.1 <<i>z</i>< 1.3. Astrophysical Journal, Supplement Series, 2008, 174, 117-135.	3.0	230
24	Reflections of Active Galactic Nucleus Outbursts in the Gaseous Atmosphere of M87. Astrophysical Journal, 2005, 635, 894-906.	1.6	222
25	Supermassive black holes in elliptical galaxies: switching from very bright to very dim. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 363, L91-L95.	1.2	212
26	Cosmological implications of ROSAT observations of groups and clusters of galaxies. Astrophysical Journal, 1995, 445, 578.	1.6	204
27	Discrete sources as the origin of the Galactic X-ray ridge emission. Nature, 2009, 458, 1142-1144.	13.7	188
28	X-Ray-Imaging Observations of Clusters of Galaxies. Annual Review of Astronomy and Astrophysics, 1982, 20, 547-585.	8.1	176
29	A CORRELATION BETWEEN STAR FORMATION RATE AND AVERAGE BLACK HOLE ACCRETION IN STAR-FORMING GALAXIES. Astrophysical Journal, 2013, 773, 3.	1.6	171
30	Outer Regions of the Cluster Gaseous Atmospheres. Astrophysical Journal, 1999, 525, 47-57.	1.6	157
31	Chandra Observations of NGC 4636--an Elliptical Galaxy in Turmoil. Astrophysical Journal, 2002, 567, L115-L118.	1.6	156
32	X-ray observations of galaxies in the Virgo cluster. Astrophysical Journal, 1979, 234, L27.	1.6	152
33	X-ray surface brightness and gas density fluctuations in the Coma cluster. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1123-1135.	1.6	151
34	The case for electron re-acceleration at galaxy cluster shocks. Nature Astronomy, 2017, 1, .	4.2	142
35	Xâ€Ray Thermal Coronae of Galaxies in Hot Clusters: Ubiquity of Embedded Miniâ€“Cooling Cores. Astrophysical Journal, 2007, 657, 197-231.	1.6	140
36	XBootes: An Xâ€Ray Survey of the NDWFS Bootes Field. I. Overview and Initial Results. Astrophysical Journal, Supplement Series, 2005, 161, 1-8.	3.0	136

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37	SPECTACULAR X-RAY TAILS, INTRACLUSTER STAR FORMATION, AND ULXs IN A3627. Astrophysical Journal, 2010, 708, 946-964.	1.6	134
38	X-ray properties of bright far-infrared galaxies. Astrophysical Journal, 1992, 388, 82.	1.6	134
39	Measuring the non-thermal pressure in early-type galaxy atmospheres: a comparison of X-ray and optical potential profiles in M87 and NGC 1399. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1062-1078.	1.6	131
40	XMM-Newtonobservations of the Perseus cluster - II. Evidence for gas motions in the core. Monthly Notices of the Royal Astronomical Society, 2004, 347, 29-35.	1.6	129
41	XBootes: An Xâ€Ray Survey of the NDWFS Bootes Field. II. The Xâ€Ray Source Catalog. Astrophysical Journal, Supplement Series, 2005, 161, 9-20.	3.0	119
42	X-Ray Overluminous Elliptical Galaxies: A New Class of Mass Concentrations in the Universe?. Astrophysical Journal, 1999, 520, L1-L4.	1.6	118
43	A high-sensitivity X-ray survey using the Einstein Observatory and the discrete source contribution to the extragalactic X-ray background. Astrophysical Journal, 1979, 234, L1.	1.6	115
44	Impact of stochastic gas motions on galaxy cluster abundance profiles. Monthly Notices of the Royal Astronomical Society, 2005, 359, 1041-1048.	1.6	114
45	A wide Chandra view of the core of the Perseus cluster. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2154-2164.	1.6	108
46	Interstellar matter in early-type galaxies. I - The catalog. Astrophysical Journal, Supplement Series, 1991, 75, 751.	3.0	108
47	The Remarkable Similarity of Massive Galaxy Clusters from zÂâˆ¼Â0 to zÂâˆ¼Â1.9. Astrophysical Journal, 2017, 843, 28.	1.6	106
48	FOCUSING COSMIC TELESCOPES: EXPLORING REDSHIFTzâˆ¼ 5-6 GALAXIES WITH THE BULLET CLUSTER 1E0657 â€“ 56. Astrophysical Journal, 2009, 706, 1201-1212.	1.6	104
49	Mapping the Gas Temperature Distribution in Extended Xâ€Ray Sources and Spectral Analysis in the Case of Low Statistics: Application toASCAObservations of Clusters of Galaxies. Astrophysical Journal, 1996, 471, 673-682.	1.6	103
50	A dynamical analysis of twelve clusters of galaxies. Astronomical Journal, 1991, 102, 1581.	1.9	101
51	A 70 Kiloparsec X-Ray Tail in the Cluster A3627. Astrophysical Journal, 2006, 637, L81-L84.	1.6	98
52	CLUSTERING OF OBSCURED AND UNOBSCURED QUASARS IN THE BOÃ–TES FIELD: PLACING RAPIDLY GROWING BLACK HOLES IN THE COSMIC WEB. Astrophysical Journal, 2011, 731, 117.	1.6	98
53	The 160 Square DegreeROSATSurvey: The Revised Catalog of 201 Clusters with Spectroscopic Redshifts. Astrophysical Journal, 2003, 594, 154-171.	1.6	96
54	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

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55	The ClusterMâ€TRelation from Temperature Profiles Observed withASCAandROSAT. Astrophysical Journal, 2000, 532, 694-699.	1.6	93
56	HOT X-RAY CORONAE AROUND MASSIVE SPIRAL GALAXIES: A UNIQUE PROBE OF STRUCTURE FORMATION MODELS. Astrophysical Journal, 2013, 772, 97.	1.6	92
57	Einstein observations of the Hydra A cluster and the efficiency of galaxy formation in groups and clusters. Astrophysical Journal, 1990, 356, 32.	1.6	92
58	An XMM-Newton view of the cluster of galaxies AbellÂ85. Astronomy and Astrophysics, 2005, 432, 809-821.	2.1	91
59	High-resolution X-ray observations of the central region of M31 with the ROSAT satellite. Astrophysical Journal, 1993, 410, 615.	1.6	91
60	Observations of X-ray sources in M31. Astrophysical Journal, 1979, 234, L45.	1.6	91
61	1E 0657â^'56: A Contender for the Hottest Known Cluster of Galaxies. Astrophysical Journal, 1998, 496, L5-L8.	1.6	90
62	Xâ€Ray Emission from the Fornax Cluster. Astrophysical Journal, 1997, 482, 143-155.	1.6	89
63	Substructure: Clues to the Formation of Clusters of Galaxies. Astrophysical Journal, 1995, 451, .	1.6	87
64	Zooming in on the Coma Cluster with [ITAL]Chandra[/ITAL]: Compressed Warm Gas in the Brightest Cluster Galaxies. Astrophysical Journal, 2001, 555, L87-L90.	1.6	85
65	A Galaxy-scale Fountain of Cold Molecular Gas Pumped by a Black Hole. Astrophysical Journal, 2018, 865, 13.	1.6	85
66	Infall of the Elliptical Galaxy NGC 1404 into the Fornax Cluster. Astrophysical Journal, 2005, 621, 663-672.	1.6	84
67	CLASH-VLT: DISSECTING THE FRONTIER FIELDS GALAXY CLUSTER MACS J0416.1-2403 WITH â^¼800 SPECTRA OF MEMBER GALAXIES. Astrophysical Journal, Supplement Series, 2016, 224, 33.	3.0	82
68	X-Ray Morphological Analysis of the Planck ESZ Clusters. Astrophysical Journal, 2017, 846, 51.	1.6	82
69	Effect of turbulent diffusion on iron abundance profiles. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1840-1850.	1.6	81
70	Mapping the dark matter in the NGC 5044 group with ROSAT: Evidence for a nearly homogeneous cooling flow with a cooling wake. Astrophysical Journal, 1994, 428, 544.	1.6	81
71	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.	1.6	80
72	The Fraction of Cool-core Clusters in X-Ray versus SZ Samples Using Chandra Observations. Astrophysical Journal, 2017, 843, 76.	1.6	80

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73	Intracluster Globular Clusters. Astrophysical Journal, 1995, 453, .	1.6	78
74	ISOTROPIC ACTIVE GALACTIC NUCLEUS HEATING WITH SMALL RADIO-QUIET BUBBLES IN THE NGC 5044 GROUP. Astrophysical Journal, 2009, 705, 624-638.	1.6	77
75	ChandraX-ray observations of the 3C 295 cluster core. Monthly Notices of the Royal Astronomical Society, 2001, 324, 842-858.	1.6	76
76	Are Luminous [CLC]c[/CLC]D Halos Formed by the Disruption of Dwarf Galaxies?. Astrophysical Journal, 1997, 475, L97-L101.	1.6	75
77	Einstein imaging observations of clusters with a bimodal mass distribution. Astrophysical Journal, 1981, 243, L133.	1.6	74
78	A COMBINED LOW-RADIO FREQUENCY/X-RAY STUDY OF GALAXY GROUPS. I. GIANT METREWAVE RADIO TELESCOPE OBSERVATIONS AT 235 MHz AND 610 MHz. Astrophysical Journal, 2011, 732, 95.	1.6	74
79	The prevalence of cooling flows in clusters of galaxies. Astrophysical Journal, 1984, 285, 1.	1.6	73
80	The structure and evolution of X-ray clusters. Astrophysical Journal, 1979, 234, L21.	1.6	73
81	A [ITAL]Chandra[/ITAL] High-Resolution X-ray Image of Centaurus A. Astrophysical Journal, 2000, 531, L9-L12.	1.6	72
82	MOLECULAR GAS IN THE X-RAY BRIGHT GROUP NGC 5044 AS REVEALED BY ALMA. Astrophysical Journal, 2014, 792, 94.	1.6	72
83	Universal X-ray emissivity of the stellar population in early-type galaxies: unresolved X-ray sources in NGCÂ3379. Astronomy and Astrophysics, 2008, 490, 37-43.	2.1	72
84	UHURU observations of X-ray emission from Seyfert galaxies. Astrophysical Journal, 1978, 223, 74.	1.6	72
85	THE MID-IR- AND X-RAY-SELECTED QSO LUMINOSITY FUNCTION. Astrophysical Journal, 2011, 728, 56.	1.6	70
86	Another Collision for the Coma Cluster. Astrophysical Journal, 1997, 474, L7-L10.	1.6	69
87	Evolution of Cluster X-Ray Luminosities and Radii: Results from the 160 Square Degree [ITAL]ROSAT[/ITAL] Survey. Astrophysical Journal, 1998, 498, L21-L25.	1.6	68
88	DETECTION OF A LUMINOUS HOT X-RAY CORONA AROUND THE MASSIVE SPIRAL GALAXY NGC 266. Astrophysical Journal, 2013, 772, 98.	1.6	68
89	TheChandraXBootes Survey. III. Optical and Nearâ€Infrared Counterparts. Astrophysical Journal, 2006, 641, 140-157.	1.6	65
90	Ram pressure stripping and the formation of cold fronts. Monthly Notices of the Royal Astronomical Society, 2003, 346, 13-17.	1.6	64

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91	THE UNUSUAL X-RAY MORPHOLOGY OF NGC 4636 REVEALED BY DEEPCHANDRAOBSERVATIONS: CAVITIES AND SHOCKS CREATED BY PAST ACTIVE GALACTIC NUCLEUS OUTBURSTS. Astrophysical Journal, 2009, 707, 1034-1043.	1.6	64
92	Deep VLA Observations of the Cluster 1RXS J0603.3+4214 in the Frequency Range of 1â€“2 GHz. Astrophysical Journal, 2018, 852, 65.	1.6	63
93	Enrichment and heating of the intracluster medium through galactic winds. Astrophysical Journal, 1991, 380, 39.	1.6	62
94	X-ray and optical observations of the Shapley supercluster in Hydraâ€“Centaurus. Monthly Notices of the Royal Astronomical Society, 1991, 248, 101-111.	1.6	61
95	Temperature Structure in Abell 1367. Astrophysical Journal, 1998, 500, 138-146.	1.6	61
96	Evidence for the Binary Nature of 2u 1700-37. Astrophysical Journal, 1973, 181, L43.	1.6	60
97	ChandraStudy of an Overdensity of Xâ€Ray Sources around Two Distant (zâ€‰â¼â€‰0.5) Clusters. Astrophysical Journal, 2001, 548, 624-638.	1.6	59
98	ROSATPSPC Observations of Cool Rich Clusters. Astrophysical Journal, 1996, 473, 692-706.	1.6	59
99	ESO 3060170: A Massive Fossil Galaxy Group with a Heated Gas Core?. Astrophysical Journal, 2004, 612, 805-816.	1.6	58
100	Evolution of the interstellar medium in elliptical galaxies. II - X-ray properties. Astrophysical Journal, 1991, 369, 121.	1.6	57
101	A First Look at the Nuclear Region of M31 with [ITAL]Chandra[/ITAL]. Astrophysical Journal, 2000, 537, L23-L26.	1.6	56
102	Deep Very Large Array Observations of the Merging Cluster CIZA J2242.8+5301: Continuum and Spectral Imaging. Astrophysical Journal, 2018, 865, 24.	1.6	56
103	Observations of the Extended X-Ray Sources in the Perseus and Coma Clusters from UHURU. Astrophysical Journal, 1972, 178, 309.	1.6	55
104	ACTIVE-GALACTIC-NUCLEUS-DRIVEN WEATHER AND MULTIPHASE GAS IN THE CORE OF THE NGC 5044 GALAXY GROUP. Astrophysical Journal, 2011, 728, 162.	1.6	54
105	The intracluster gas around Cygnus-A. Monthly Notices of the Royal Astronomical Society, 1984, 211, 981-989.	1.6	53
106	Detection of the Angular Correlation of Faint X-Ray Sources. Astrophysical Journal, 1995, 455, .	1.6	53
107	The evolution of the interstellar medium in elliptical galaxies. I - The early wind phase. Astrophysical Journal, 1990, 359, 29.	1.6	52
108	CONSTRAINING HALO OCCUPATION PROPERTIES OF X-RAY ACTIVE GALACTIC NUCLEI USING CLUSTERING OFCHANDRASOURCES IN THE BOÃ–TES SURVEY REGION. Astrophysical Journal, 2011, 741, 15.	1.6	51

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109	Imaging the Hot Intracluster Medium. , 1992, , 49-70.		51
110	Evidence for Merging in the Centaurus Cluster. Astrophysical Journal, 1999, 520, 105-110.	1.6	50
111	THE PRESSURE PROFILES OF HOT GAS IN LOCAL GALAXY GROUPS. Astrophysical Journal Letters, 2011, 727, L49.	3.0	50
112	ChandraObservations of the NGC 1550 Galaxy Group: Implication for the Temperature and Entropy Profiles of 1 keV Galaxy Groups. Astrophysical Journal, 2003, 598, 250-259.	1.6	49
113	A CONNECTION BETWEEN OBSCURATION AND STAR FORMATION IN LUMINOUS QUASARS. Astrophysical Journal, 2015, 802, 50.	1.6	49
114	Probing the Hot X-Ray Corona around the Massive Spiral Galaxy, NGC 6753, Using Deep XMM-Newton Observations. Astrophysical Journal, 2017, 850, 98.	1.6	49
115	DEEP CHANDRA OBSERVATIONS OF NGC 1404: CLUSTER PLASMA PHYSICS REVEALED BY AN INFALLING EARLY-TYPE GALAXY. Astrophysical Journal, 2017, 834, 74.	1.6	48
116	Merging Binary Clusters. Astrophysical Journal, 2001, 562, 254-265.	1.6	48
117	DEEPCHANDRAOBSERVATIONS OF EDGES AND BUBBLES IN THE NGC 5846 GALAXY GROUP. Astrophysical Journal, 2011, 743, 15.	1.6	46
118	Chandra and JVLA Observations of HST Frontier Fields Cluster MACS J0717.5+3745. Astrophysical Journal, 2017, 835, 197.	1.6	46
119	The ALMA Discovery of the Rotating Disk and Fast Outflow of Cold Molecular Gas in NGC 1275. Astrophysical Journal, 2019, 883, 193.	1.6	46
120	A spatial, kinematical, and dynamical analysis of Abell 400. Astrophysical Journal, 1992, 400, 410.	1.6	45
121	Optical Studies of UHURU Sources. III. Optical Variations of the X-Ray Eclipsing System HZ Herculis. Astrophysical Journal, 1972, 177, L103.	1.6	45
122	UHURU observations of the galactic plane in 1970, 1971, and 1972. Astrophysical Journal, 1976, 206, L29.	1.6	45
123	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.	1.6	44
124	FRONTIER FIELDS CLUSTERS:CHANDRAAND JVLA VIEW OF THE PRE-MERGING CLUSTER MACS J0416.1-2403. Astrophysical Journal, 2015, 812, 153.	1.6	44
125	UHURU and Ariel V observations of 3U 1630-47 - A recurrent transient X-ray source. Astrophysical Journal, 1976, 210, L9.	1.6	44
126	The prevalence of cooling flows in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 1986, 222, 655-672.	1.6	43

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127	Low-Mass X-Ray Binaries and Globular Clusters in Centaurus A. Astrophysical Journal, 2007, 671, L117-L120.	1.6	42
128	CORE GAS SLOSHING IN ABELL 1644. Astrophysical Journal, 2010, 710, 1776-1785.	1.6	42
129	Viscous Kelvinâ€“Helmholtz instabilities in highly ionized plasmas. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1721-1740.	1.6	42
130	The X-Ray and Mid-infrared Luminosities in Luminous Type 1 Quasars. Astrophysical Journal, 2017, 837, 145.	1.6	42
131	Optical Studies of UHURU Sources.IV. The Long-Term Behavior of HZ HERCULIS=HERCULES X-1. Astrophysical Journal, 1973, 182, L109.	1.6	42
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145	A Hot Spot in Coma. Astrophysical Journal, 1999, 513, 690-694.	1.6	40
146	Evolution of the Cluster Xâ€Ray Luminosity Function. Astrophysical Journal, 2004, 607, 175-189.	1.6	40
147	LUMINOSITY FUNCTIONS OF LMXBs IN CENTAURUS A: GLOBULAR CLUSTERS VERSUS THE FIELD. Astrophysical Journal, 2009, 701, 471-480.	1.6	39
148	A2163 - an exceptionally hot cluster of galaxies. Astrophysical Journal, 1992, 390, 345.	1.6	39
149	Matched Filter Source Detection Applied to the ROSAT PSPC and the Determination of the Number-Flux Relation. Astrophysical Journal, 1995, 451, 542.	1.6	39
150	The Survival and Destruction of Xâ€Ray Coronae of Earlyâ€Type Galaxies in Rich Cluster Environments: A Case Study of A1367. Astrophysical Journal, 2005, 619, 169-177.	1.6	38
151	THE GALAXY OPTICAL LUMINOSITY FUNCTION FROM THE AGN AND GALAXY EVOLUTION SURVEY. Astrophysical Journal, 2012, 748, 10.	1.6	38
152	CHANDRADEEP OBSERVATION OF XDCP J0044.0-2033, A MASSIVE GALAXY CLUSTER ATz> 1.5. Astrophysical Journal, 2015, 799, 93.	1.6	38
153	XMM-Newton study of the lensing cluster of galaxies CLâ€‰0024+17. Astronomy and Astrophysics, 2005, 429, 85-99.	2.1	38
154	X-RAY EMISSION FROM THE SOMBRERO GALAXY: A GALACTIC-SCALE OUTFLOW. Astrophysical Journal, 2011, 730, 84.	1.6	37
155	PROBING THE OUTSKIRTS OF THE EARLY-STAGE GALAXY CLUSTER MERGER A1750. Astrophysical Journal, 2016, 818, 131.	1.6	37
156	An XMM-Newton view of the extended â€œfilamentâ€•near theÂcluster of galaxies AbellÂ85. Astronomy and Astrophysics, 2003, 403, L29-L32.	2.1	37
157	Transient X-ray sources in the galactic plane. Astrophysical Journal, 1978, 224, 46.	1.6	37
158	The Midâ€Infrared Properties of Xâ€Ray Sources. Astrophysical Journal, 2008, 679, 1040-1046.	1.6	36
159	X-ray clusters of galaxies and the luminosity-richness relation. Astrophysical Journal, 1978, 224, 1.	1.6	36
160	EAGLE and Illustris-TNG Predictions for Resolved eROSITA X-Ray Observations of the Circumgalactic Medium around Normal Galaxies. Astrophysical Journal Letters, 2020, 893, L24.	3.0	35
161	The X-ray morphology of Abell 1367. Astrophysical Journal, 1983, 265, 26.	1.6	35
162	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.	1.6	34

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163	Testing for X-Rayâ€“SZ Differences and Redshift Evolution in the X-Ray Morphology of Galaxy Clusters. Astrophysical Journal, 2017, 841, 5.	1.6	34
164	Gas Sloshing Regulates and Records the Evolution of the Fornax Cluster. Astrophysical Journal, 2017, 851, 69.	1.6	34
165	The galaxy cluster outskirts probed by Chandra. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2261-2278.	1.6	33
166	Encounters of merger and accretion shocks in galaxy clusters and their effects on intracluster medium. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4539-4547.	1.6	33
167	THE MURMUR OF THE HIDDEN MONSTER: CHANDRA 'S DECADAL VIEW OF THE SUPERMASSIVE BLACK HOLE IN M31. Astrophysical Journal Letters, 2011, 728, L10.	3.0	32
168	ROSAT observations of the luminous X-ray sources in M51. Astrophysical Journal, 1995, 438, 663.	1.6	32
169	UHURU Observations of the Binary X-Ray Source 2u 0900-40. Astrophysical Journal, 1973, 182, L103.	1.6	32
170	The pattern of gas deficiency in cluster spirals - The correlation of H I and X-ray properties. Astrophysical Journal, 1988, 333, 136.	1.6	31
171	Mass concentrations associated with extended X-ray sources in the core of the Coma cluster. Astrophysical Journal, 1994, 435, 162.	1.6	31
172	DEEPCHANDRAOBSERVATIONS OF A2199: THE INTERPLAY BETWEEN MERGER-INDUCED GAS MOTIONS AND NUCLEAR OUTBURSTS IN A COOL CORE CLUSTER. Astrophysical Journal, 2013, 775, 117.	1.6	30
173	SLOSHING GAS IN THE CORE OF THE MOST LUMINOUS GALAXY CLUSTER RXJ1347.5-1145. Astrophysical Journal, 2012, 751, 95.	1.6	29
174	A DISTANT RADIO MINI-HALO IN THE PHOENIX GALAXY CLUSTER. Astrophysical Journal Letters, 2014, 786, L17.	3.0	29
175	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.	1.6	29
176	Comparison of approximately isothermal gravitational potentials of elliptical galaxies based on X-ray and optical data. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	28
177	Galaxy-scale Bars in Late-type Sloan Digital Sky Survey Galaxies Do Not Influence the Average Accretion Rates of Supermassive Black Holes. Astrophysical Journal, 2017, 843, 135.	1.6	28
178	Polarization of X-ray lines from galaxy clusters and elliptical galaxies - a way to measure the tangential component of gas velocity. Monthly Notices of the Royal Astronomical Society, 2010, 403, 129-150.	1.6	27
179	A MERGER SHOCK IN A2034. Astrophysical Journal, 2014, 780, 163.	1.6	27
180	The Heavy Element Abundance in the Hot Corona of the Bright Elliptical Galaxy NGC 4472. Astrophysical Journal, 1993, 418, L55.	1.6	27

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181	Xâ€Ray Total Mass Estimate for the Nearby Relaxed Cluster A3571. Astrophysical Journal, 2000, 536, 73-78.	1.6	27
182	Tracing the Nuclear Accretion History of the Red Galaxy Population. Astrophysical Journal, 2005, 626, 723-732.	1.6	25
183	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.	1.6	25
184	An X-ray study of the Centaurus Cluster of galaxies using Einstein. Astrophysical Journal, 1985, 291, 621.	1.6	25
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