

William Forman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6930608/publications.pdf>

Version: 2024-02-01

355
papers

21,929
citations

8732

75
h-index

11288

136
g-index

361
all docs

361
docs citations

361
times ranked

6664
citing authors

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

#	ARTICLE	IF	CITATIONS
19	A High-Resolution Study of the Hydra A Cluster with Chandra: Comparison of the Core Mass Distribution with Theoretical Predictions and Evidence for Feedback in the Cooling Flow. <i>Astrophysical Journal</i> , 2001, 557, 546-559.	1.6	255
20	Strong and Weak Lensing United. III. Measuring the Mass Distribution of the Merging Galaxy Cluster 1ES 0657+558. <i>Astrophysical Journal</i> , 2006, 652, 937-947.	1.6	254
21	LOW-RESOLUTION SPECTRAL TEMPLATES FOR ACTIVE GALACTIC NUCLEI AND GALAXIES FROM 0.03 TO 30 μm . <i>Astrophysical Journal</i> , 2010, 713, 970-985.	1.6	251
22	Einstein Observatory Images of Clusters of Galaxies. <i>Astrophysical Journal</i> , 1999, 511, 65-83.	1.6	244
23	Images, Structural Properties, and Metal Abundances of Galaxy Clusters Observed with Chandra ACIS-I at 0.1 z 1.3. <i>Astrophysical Journal, Supplement Series</i> , 2008, 174, 117-135.	3.0	230
24	Reflections of Active Galactic Nucleus Outbursts in the Gaseous Atmosphere of M87. <i>Astrophysical Journal</i> , 2005, 635, 894-906.	1.6	222
25	Supermassive black holes in elliptical galaxies: switching from very bright to very dim. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 363, L91-L95.	1.2	212
26	Cosmological implications of ROSAT observations of groups and clusters of galaxies. <i>Astrophysical Journal</i> , 1995, 445, 578.	1.6	204
27	Discrete sources as the origin of the Galactic X-ray ridge emission. <i>Nature</i> , 2009, 458, 1142-1144.	13.7	188
28	X-Ray-Imaging Observations of Clusters of Galaxies. <i>Annual Review of Astronomy and Astrophysics</i> , 1982, 20, 547-585.	8.1	176
29	A CORRELATION BETWEEN STAR FORMATION RATE AND AVERAGE BLACK HOLE ACCRETION IN STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 773, 3.	1.6	171
30	Outer Regions of the Cluster Gaseous Atmospheres. <i>Astrophysical Journal</i> , 1999, 525, 47-57.	1.6	157
31	Chandra Observations of NGC 4636--an Elliptical Galaxy in Turmoil. <i>Astrophysical Journal</i> , 2002, 567, L115-L118.	1.6	156
32	X-ray observations of galaxies in the Virgo cluster. <i>Astrophysical Journal</i> , 1979, 234, L27.	1.6	152
33	X-ray surface brightness and gas density fluctuations in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1123-1135.	1.6	151
34	The case for electron re-acceleration at galaxy cluster shocks. <i>Nature Astronomy</i> , 2017, 1, .	4.2	142
35	X-Ray Thermal Coronae of Galaxies in Hot Clusters: Ubiquity of Embedded Mini-Cooling Cores. <i>Astrophysical Journal</i> , 2007, 657, 197-231.	1.6	140
36	X-Bootes: An X-Ray Survey of the NDWFS Bootes Field. I. Overview and Initial Results. <i>Astrophysical Journal, Supplement Series</i> , 2005, 161, 1-8.	3.0	136

#	ARTICLE	IF	CITATIONS
37	SPECTACULAR X-RAY TAILS, INTRACLUSTER STAR FORMATION, AND ULXs IN A3627. <i>Astrophysical Journal</i> , 2010, 708, 946-964.	1.6	134
38	X-ray properties of bright far-infrared galaxies. <i>Astrophysical Journal</i> , 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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1062-1078.	1.6	131
40	XMM-Newton observations of the Perseus cluster - II. Evidence for gas motions in the core. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 29-35.	1.6	129
41	XBootes: An X-Ray Survey of the NDWFS Bootes Field. II. The X-Ray Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2005, 161, 9-20.	3.0	119
42	X-Ray Overluminous Elliptical Galaxies: A New Class of Mass Concentrations in the Universe?. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal</i> , 1979, 234, L1.	1.6	115
44	Impact of stochastic gas motions on galaxy cluster abundance profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 1041-1048.	1.6	114
45	A wide Chandra view of the core of the Perseus cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 2154-2164.	1.6	108
46	Interstellar matter in early-type galaxies. I - The catalog. <i>Astrophysical Journal, Supplement Series</i> , 1991, 75, 751.	3.0	108
47	The Remarkable Similarity of Massive Galaxy Clusters from $z \sim 0$ to $z \sim 1.9$. <i>Astrophysical Journal</i> , 2017, 843, 28.	1.6	106
48	FOCUSING COSMIC TELESCOPES: EXPLORING REDSHIFT $z \sim 5-6$ GALAXIES WITH THE BULLET CLUSTER 1E0657-56. <i>Astrophysical Journal</i> , 2009, 706, 1201-1212.	1.6	104
49	Mapping the Gas Temperature Distribution in Extended X-Ray Sources and Spectral Analysis in the Case of Low Statistics: Application to ASCA Observations of Clusters of Galaxies. <i>Astrophysical Journal</i> , 1996, 471, 673-682.	1.6	103
50	A dynamical analysis of twelve clusters of galaxies. <i>Astronomical Journal</i> , 1991, 102, 1581.	1.9	101
51	A 70 Kiloparsec X-Ray Tail in the Cluster A3627. <i>Astrophysical Journal</i> , 2006, 637, L81-L84.	1.6	98
52	CLUSTERING OF OBSCURED AND UNOBSCURED QUASARS IN THE BOOTES FIELD: PLACING RAPIDLY GROWING BLACK HOLES IN THE COSMIC WEB. <i>Astrophysical Journal</i> , 2011, 731, 117.	1.6	98
53	The 160 Square Degree ROSAT Survey: The Revised Catalog of 201 Clusters with Spectroscopic Redshifts. <i>Astrophysical Journal</i> , 2003, 594, 154-171.	1.6	96
54	Constraints on turbulent pressure in the X-ray haloes of giant elliptical galaxies from resonant scattering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 23-32.	1.6	94

#	ARTICLE	IF	CITATIONS
55	The Cluster Mass-Relation from Temperature Profiles Observed with ASCA and ROSAT. <i>Astrophysical Journal</i> , 2000, 532, 694-699.	1.6	93
56	HOT X-RAY CORONAE AROUND MASSIVE SPIRAL GALAXIES: A UNIQUE PROBE OF STRUCTURE FORMATION MODELS. <i>Astrophysical Journal</i> , 2013, 772, 97.	1.6	92
57	Einstein observations of the Hydra A cluster and the efficiency of galaxy formation in groups and clusters. <i>Astrophysical Journal</i> , 1990, 356, 32.	1.6	92
58	An XMM-Newton view of the cluster of galaxies Abell 85. <i>Astronomy and Astrophysics</i> , 2005, 432, 809-821.	2.1	91
59	High-resolution X-ray observations of the central region of M31 with the ROSAT satellite. <i>Astrophysical Journal</i> , 1993, 410, 615.	1.6	91
60	Observations of X-ray sources in M31. <i>Astrophysical Journal</i> , 1979, 234, L45.	1.6	91
61	1E 0657-56: A Contender for the Hottest Known Cluster of Galaxies. <i>Astrophysical Journal</i> , 1998, 496, L5-L8.	1.6	90
62	X-ray Emission from the Fornax Cluster. <i>Astrophysical Journal</i> , 1997, 482, 143-155.	1.6	89
63	Substructure: Clues to the Formation of Clusters of Galaxies. <i>Astrophysical Journal</i> , 1995, 451, .	1.6	87
64	Zooming in on the Coma Cluster with [ITAL]Chandra[/ITAL]: Compressed Warm Gas in the Brightest Cluster Galaxies. <i>Astrophysical Journal</i> , 2001, 555, L87-L90.	1.6	85
65	A Galaxy-scale Fountain of Cold Molecular Gas Pumped by a Black Hole. <i>Astrophysical Journal</i> , 2018, 865, 13.	1.6	85
66	Infall of the Elliptical Galaxy NGC 1404 into the Fornax Cluster. <i>Astrophysical Journal</i> , 2005, 621, 663-672.	1.6	84
67	CLASH-VLT: DISSECTING THE FRONTIER FIELDS GALAXY CLUSTER MACS J0416.1-2403 WITH ~ 4800 SPECTRA OF MEMBER GALAXIES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 224, 33.	3.0	82
68	X-Ray Morphological Analysis of the Planck ESZ Clusters. <i>Astrophysical Journal</i> , 2017, 846, 51.	1.6	82
69	Effect of turbulent diffusion on iron abundance profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 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. <i>Astrophysical Journal</i> , 1994, 428, 544.	1.6	81
71	The Hot Gas Content of Low-Luminosity Early-Type Galaxies and the Implications Regarding Supernova Heating and Active Galactic Nucleus Feedback. <i>Astrophysical Journal</i> , 2006, 653, 207-221.	1.6	80
72	The Fraction of Cool-core Clusters in X-Ray versus SZ Samples Using Chandra Observations. <i>Astrophysical Journal</i> , 2017, 843, 76.	1.6	80

#	ARTICLE	IF	CITATIONS
73	Intracluster Globular Clusters. <i>Astrophysical Journal</i> , 1995, 453, .	1.6	78
74	ISOTROPIC ACTIVE GALACTIC NUCLEUS HEATING WITH SMALL RADIO-QUIET BUBBLES IN THE NGC 5044 GROUP. <i>Astrophysical Journal</i> , 2009, 705, 624-638.	1.6	77
75	ChandraX-ray observations of the 3C 295 cluster core. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 324, 842-858.	1.6	76
76	Are Luminous [CLC]c[/CLC]D Halos Formed by the Disruption of Dwarf Galaxies?. <i>Astrophysical Journal</i> , 1997, 475, L97-L101.	1.6	75
77	Einstein imaging observations of clusters with a bimodal mass distribution. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal</i> , 2011, 732, 95.	1.6	74
79	The prevalence of cooling flows in clusters of galaxies. <i>Astrophysical Journal</i> , 1984, 285, 1.	1.6	73
80	The structure and evolution of X-ray clusters. <i>Astrophysical Journal</i> , 1979, 234, L21.	1.6	73
81	A [ITAL]Chandra[/ITAL] High-Resolution X-ray Image of Centaurus A. <i>Astrophysical Journal</i> , 2000, 531, L9-L12.	1.6	72
82	MOLECULAR GAS IN THE X-RAY BRIGHT GROUP NGC 5044 AS REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2014, 792, 94.	1.6	72
83	Universal X-ray emissivity of the stellar population in early-type galaxies: unresolved X-ray sources in NGC43379. <i>Astronomy and Astrophysics</i> , 2008, 490, 37-43.	2.1	72
84	UHURU observations of X-ray emission from Seyfert galaxies. <i>Astrophysical Journal</i> , 1978, 223, 74.	1.6	72
85	THE MID-IR- AND X-RAY-SELECTED QSO LUMINOSITY FUNCTION. <i>Astrophysical Journal</i> , 2011, 728, 56.	1.6	70
86	Another Collision for the Coma Cluster. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal</i> , 1998, 498, L21-L25.	1.6	68
88	DETECTION OF A LUMINOUS HOT X-RAY CORONA AROUND THE MASSIVE SPIRAL GALAXY NGC 266. <i>Astrophysical Journal</i> , 2013, 772, 98.	1.6	68
89	TheChandraXBootes Survey. III. Optical and Nearâ€œInfrared Counterparts. <i>Astrophysical Journal</i> , 2006, 641, 140-157.	1.6	65
90	Ram pressure stripping and the formation of cold fronts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 13-17.	1.6	64

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

#	ARTICLE	IF	CITATIONS
109	Imaging the Hot Intracluster Medium. , 1992, , 49-70.		51
110	Evidence for Merging in the Centaurus Cluster. <i>Astrophysical Journal</i> , 1999, 520, 105-110.	1.6	50
111	THE PRESSURE PROFILES OF HOT GAS IN LOCAL GALAXY GROUPS. <i>Astrophysical Journal Letters</i> , 2011, 727, L49.	3.0	50
112	Chandra Observations of the NGC 1550 Galaxy Group: Implication for the Temperature and Entropy Profiles of 1 keV Galaxy Groups. <i>Astrophysical Journal</i> , 2003, 598, 250-259.	1.6	49
113	A CONNECTION BETWEEN OBSCURATION AND STAR FORMATION IN LUMINOUS QUASARS. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal</i> , 2017, 850, 98.	1.6	49
115	DEEP CHANDRA OBSERVATIONS OF NGC 1404: CLUSTER PLASMA PHYSICS REVEALED BY AN INFALLING EARLY-TYPE GALAXY. <i>Astrophysical Journal</i> , 2017, 834, 74.	1.6	48
116	Merging Binary Clusters. <i>Astrophysical Journal</i> , 2001, 562, 254-265.	1.6	48
117	DEEP CHANDRA OBSERVATIONS OF EDGES AND BUBBLES IN THE NGC 5846 GALAXY GROUP. <i>Astrophysical Journal</i> , 2011, 743, 15.	1.6	46
118	Chandra and JVA Observations of HST Frontier Fields Cluster MACS J0717.5+3745. <i>Astrophysical Journal</i> , 2017, 835, 197.	1.6	46
119	The ALMA Discovery of the Rotating Disk and Fast Outflow of Cold Molecular Gas in NGC 1275. <i>Astrophysical Journal</i> , 2019, 883, 193.	1.6	46
120	A spatial, kinematical, and dynamical analysis of Abell 400. <i>Astrophysical Journal</i> , 1992, 400, 410.	1.6	45
121	Optical Studies of UHURU Sources. III. Optical Variations of the X-Ray Eclipsing System HZ Herculis. <i>Astrophysical Journal</i> , 1972, 177, L103.	1.6	45
122	UHURU observations of the galactic plane in 1970, 1971, and 1972. <i>Astrophysical Journal</i> , 1976, 206, L29.	1.6	45
123	XMM-Newton Observation of an X-Ray Trail between the Spiral Galaxy NGC 6872 and the Central Elliptical Galaxy NGC 6876 in the Pavo Group. <i>Astrophysical Journal</i> , 2005, 630, 280-297.	1.6	44
124	FRONTIER FIELDS CLUSTERS: CHANDRA AND JVA VIEW OF THE PRE-MERGING CLUSTER MACS J0416.1-2403. <i>Astrophysical Journal</i> , 2015, 812, 153.	1.6	44
125	UHURU and Ariel V observations of 3U 1630-47 - A recurrent transient X-ray source. <i>Astrophysical Journal</i> , 1976, 210, L9.	1.6	44
126	The prevalence of cooling flows in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1986, 222, 655-672.	1.6	43

#	ARTICLE	IF	CITATIONS
127	Low-Mass X-Ray Binaries and Globular Clusters in Centaurus A. <i>Astrophysical Journal</i> , 2007, 671, L117-L120.	1.6	42
128	CORE GAS SLOSHING IN ABELL 1644. <i>Astrophysical Journal</i> , 2010, 710, 1776-1785.	1.6	42
129	Viscous Kelvin-Helmholtz instabilities in highly ionized plasmas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1721-1740.	1.6	42
130	The X-Ray and Mid-infrared Luminosities in Luminous Type 1 Quasars. <i>Astrophysical Journal</i> , 2017, 837, 145.	1.6	42
131	Optical Studies of UHURU Sources.IV. The Long-Term Behavior of HZ HERCULIS=HERCULES X-1. <i>Astrophysical Journal</i> , 1973, 182, L109.	1.6	42

132

#	ARTICLE	IF	CITATIONS
145	A Hot Spot in Coma. <i>Astrophysical Journal</i> , 1999, 513, 690-694.	1.6	40
146	Evolution of the Cluster X-ray Luminosity Function. <i>Astrophysical Journal</i> , 2004, 607, 175-189.	1.6	40
147	LUMINOSITY FUNCTIONS OF LMXBs IN CENTAURUS A: GLOBULAR CLUSTERS VERSUS THE FIELD. <i>Astrophysical Journal</i> , 2009, 701, 471-480.	1.6	39
148	A2163 - an exceptionally hot cluster of galaxies. <i>Astrophysical Journal</i> , 1992, 390, 345.	1.6	39
149	Matched Filter Source Detection Applied to the ROSAT PSPC and the Determination of the Number-Flux Relation. <i>Astrophysical Journal</i> , 1995, 451, 542.	1.6	39
150	The Survival and Destruction of X-ray Coronae of Early-type Galaxies in Rich Cluster Environments: A Case Study of A1367. <i>Astrophysical Journal</i> , 2005, 619, 169-177.	1.6	38
151	THE GALAXY OPTICAL LUMINOSITY FUNCTION FROM THE AGN AND GALAXY EVOLUTION SURVEY. <i>Astrophysical Journal</i> , 2012, 748, 10.	1.6	38
152	CHANDRA DEEP OBSERVATION OF XDCP J0044.0-2033, A MASSIVE GALAXY CLUSTER AT $z \approx 1.5$. <i>Astrophysical Journal</i> , 2015, 799, 93.	1.6	38
153	XMM-Newton study of the lensing cluster of galaxies CL0024+17. <i>Astronomy and Astrophysics</i> , 2005, 429, 85-99.	2.1	38
154	X-RAY EMISSION FROM THE SOMBRERO GALAXY: A GALACTIC-SCALE OUTFLOW. <i>Astrophysical Journal</i> , 2011, 730, 84.	1.6	37
155	PROBING THE OUTSKIRTS OF THE EARLY-STAGE GALAXY CLUSTER MERGER A1750. <i>Astrophysical Journal</i> , 2016, 818, 131.	1.6	37
156	An XMM-Newton view of the extended "filament" near the cluster of galaxies Abell 85. <i>Astronomy and Astrophysics</i> , 2003, 403, L29-L32.	2.1	37
157	Transient X-ray sources in the galactic plane. <i>Astrophysical Journal</i> , 1978, 224, 46.	1.6	37
158	The Mid-infrared Properties of X-ray Sources. <i>Astrophysical Journal</i> , 2008, 679, 1040-1046.	1.6	36
159	X-ray clusters of galaxies and the luminosity-richness relation. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal Letters</i> , 2020, 893, L24.	3.0	35
161	The X-ray morphology of Abell 1367. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal</i> , 2012, 753, 140.	1.6	34

#	ARTICLE	IF	CITATIONS
163	Testing for X-Ray SZ Differences and Redshift Evolution in the X-Ray Morphology of Galaxy Clusters. <i>Astrophysical Journal</i> , 2017, 841, 5.	1.6	34
164	Gas Sloshing Regulates and Records the Evolution of the Fornax Cluster. <i>Astrophysical Journal</i> , 2017, 851, 69.	1.6	34
165	The galaxy cluster outskirts probed by Chandra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2261-2278.	1.6	33
166	Encounters of merger and accretion shocks in galaxy clusters and their effects on intracluster medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 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. <i>Astrophysical Journal Letters</i> , 2011, 728, L10.	3.0	32
168	ROSAT observations of the luminous X-ray sources in M51. <i>Astrophysical Journal</i> , 1995, 438, 663.	1.6	32
169	UHURU Observations of the Binary X-Ray Source 2u 0900-40. <i>Astrophysical Journal</i> , 1973, 182, L103.	1.6	32
170	The pattern of gas deficiency in cluster spirals - The correlation of H I and X-ray properties. <i>Astrophysical Journal</i> , 1988, 333, 136.	1.6	31
171	Mass concentrations associated with extended X-ray sources in the core of the Coma cluster. <i>Astrophysical Journal</i> , 1994, 435, 162.	1.6	31
172	DEEP CHANDRA OBSERVATIONS OF A2199: THE INTERPLAY BETWEEN MERGER-INDUCED GAS MOTIONS AND NUCLEAR OUTBURSTS IN A COOL CORE CLUSTER. <i>Astrophysical Journal</i> , 2013, 775, 117.	1.6	30
173	SLOSHING GAS IN THE CORE OF THE MOST LUMINOUS GALAXY CLUSTER RXJ1347.5-1145. <i>Astrophysical Journal</i> , 2012, 751, 95.	1.6	29
174	A DISTANT RADIO MINI-HALO IN THE PHOENIX GALAXY CLUSTER. <i>Astrophysical Journal Letters</i> , 2014, 786, L17.	3.0	29
175	The Recent Growth History of the Fornax Cluster Derived from Simultaneous Sloshing and Gas Stripping: Simulating the Infall of NGC 1404. <i>Astrophysical Journal</i> , 2018, 865, 118.	1.6	29
176	Comparison of approximately isothermal gravitational potentials of elliptical galaxies based on X-ray and optical data. <i>Monthly Notices of the Royal Astronomical Society</i> , 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. <i>Astrophysical Journal</i> , 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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 129-150.	1.6	27
179	A MERGER SHOCK IN A2034. <i>Astrophysical Journal</i> , 2014, 780, 163.	1.6	27
180	The Heavy Element Abundance in the Hot Corona of the Bright Elliptical Galaxy NGC 4472. <i>Astrophysical Journal</i> , 1993, 418, L55.	1.6	27

#	ARTICLE	IF	CITATIONS
181	X-ray Total Mass Estimate for the Nearby Relaxed Cluster A3571. <i>Astrophysical Journal</i> , 2000, 536, 73-78.	1.6	27
182	Tracing the Nuclear Accretion History of the Red Galaxy Population. <i>Astrophysical Journal</i> , 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. <i>Astrophysical Journal</i> , 2017, 848, 27.	1.6	25
184	An X-ray study of the Centaurus Cluster of galaxies using Einstein. <i>Astrophysical Journal</i> , 1985, 291, 621.	1.6	25
185	The Presence of Thermally Unstable X-Ray Filaments and the Production of Cold Gas in the NGC 5044 Group. <i>Astrophysical Journal</i> , 2017, 842, 84.	1.6	24
186	Runaway merger shocks in galaxy cluster outskirts and radio relics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5259-5266.	1.6	24
187	Close-up view of an ongoing merger between the NGC 4839 group and the Coma cluster – a post-merger scenario. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2922-2934.	1.6	24
188	Variability and Proper Motion of X-Ray Knots in the Jet of Centaurus A. <i>Astrophysical Journal</i> , 2019, 871, 248.	1.6	24
189	Standoff distance of bow shocks in galaxy clusters as proxy for Mach number. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 20-29.	1.6	24
190	UHURU observations of 4U 1608-52 - The 'steady' X-ray source associated with the X-ray burst source in Norma. <i>Astrophysical Journal</i> , 1976, 209, L125.	1.6	24
191	Constraining q_0 with Cluster Gas Mass Fractions: A Feasibility Study. <i>Astrophysical Journal</i> , 1999, 517, 70-77.	1.6	23
192	Luminosity function of faint Galactic sources in the Chandra bulge field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 495-499.	1.6	23
193	Arithmetic with X-ray images of galaxy clusters: effective equation of state for small-scale perturbations in the ICM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1057-1067.	1.6	23
194	Buoyant AGN Bubbles in the Quasi-isothermal Potential of NGC 1399. <i>Astrophysical Journal</i> , 2017, 847, 94.	1.6	23
195	Detection of Superluminal Motion in the X-Ray Jet of M87. <i>Astrophysical Journal</i> , 2019, 879, 8.	1.6	23
196	Einstein X ray observations of the core of the Shapley Supercluster in northern Centaurus. <i>Astrophysical Journal</i> , 1994, 424, 59.	1.6	23
197	The Diffuse Emission and a Variable Ultraluminous X-ray Point Source in the Elliptical Galaxy NGC 3379. <i>Astrophysical Journal</i> , 2005, 635, 1053-1061.	1.6	23
198	Uplift, Feedback, and Buoyancy: Radio Lobe Dynamics in NGC 4472. <i>Astrophysical Journal</i> , 2017, 848, 26.	1.6	22

#	ARTICLE	IF	CITATIONS
199	The discovery of radio halos in the frontier fields clusters Abell S1063 and Abell 370. <i>Astronomy and Astrophysics</i> , 2020, 636, A3.	2.1	22
200	Observations of Circinus X-1 from UHURU. <i>Astrophysical Journal</i> , 1974, 191, L71.	1.6	22
201	Width of X-ray lines as a diagnostic of gas motions in cooling flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1511-1518.	1.6	21
202	DARK MATTER SUBHALOS AND THE X-RAY MORPHOLOGY OF THE COMA CLUSTER. <i>Astrophysical Journal</i> , 2013, 766, 107.	1.6	21
203	A New Class of X-Ray Tails of Early-type Galaxies and Subclusters in Galaxy Clusters: Slingshot Tails versus Ram Pressure Stripped Tails. <i>Astrophysical Journal</i> , 2019, 874, 112.	1.6	21
204	Survey of intensity variability of strong galactic X-ray sources from UHURU. <i>Astrophysical Journal</i> , 1976, 208, 849.	1.6	21
205	UHURU observations of an X-ray burst at high galactic latitude centered on the X-ray globular cluster NGC 1851. <i>Astrophysical Journal</i> , 1976, 207, L177.	1.6	21
206	The Chandra Deep Wide-field Survey: A New Chandra Legacy Survey in the Boötes Field. I. X-Ray Point Source Catalog, Number Counts, and Multiwavelength Counterparts. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 2.	3.0	21
207	CHANDRA AND ROSAT OBSERVATIONS OF A194: DETECTION OF AN X-RAY CAVITY AND MAPPING THE DYNAMICS OF THE CLUSTER. <i>Astrophysical Journal</i> , 2011, 743, 59.	1.6	20
208	AGN feedback in galaxy group 3C488: cavities, shock, and jet reorientation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3376-3392.	1.6	20
209	The X-ray, optical, and radio behavior of Scorpius X-1 - The 1971 coordinated observations. <i>Astrophysical Journal</i> , 1975, 197, 443.	1.6	20
210	ROSAT Extended Medium-Deep Sensitivity Survey: Source Counts for 130 Fields. <i>Astrophysical Journal</i> , 1995, 451, 553.	1.6	20
211	The retention of hot gas in elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1980, 192, 135-142.	1.6	19
212	X-RAY EMISSION FROM OLD STELLAR POPULATIONS: A LOCAL GROUP CENSUS. <i>Astrophysical Journal</i> , 2015, 812, 130.	1.6	19
213	Arcminute fluctuations in the microwave background from clusters of galaxies. <i>Astrophysical Journal</i> , 1992, 395, 326.	1.6	19
214	Hot Gas in Clusters of Galaxies. , 1990, , 257-286.		18
215	X-RAY EMISSION FROM THE SOMBRERO GALAXY: DISCRETE SOURCES. <i>Astrophysical Journal</i> , 2010, 721, 1368-1382.	1.6	18
216	CAPTURING THE 3D MOTION OF AN INFALLING GALAXY VIA FLUID DYNAMICS. <i>Astrophysical Journal</i> , 2017, 835, 19.	1.6	18

#	ARTICLE	IF	CITATIONS
217	Evolution of the Thermodynamic Properties of Clusters of Galaxies out to Redshift of 1.8. <i>Astrophysical Journal</i> , 2021, 910, 14.	1.6	18
218	Downstream Depolarization in the Sausage Relic: A 4 GHz Very Large Array Study. <i>Astrophysical Journal</i> , 2021, 911, 3.	1.6	17
219	The detection of large X-ray halos in clusters. <i>Astrophysical Journal</i> , 1978, 225, L1.	1.6	17
220	Stellar Metallicities and Type Ia Supernova Rates in the Early-Type Galaxy NGC 5846 from ROSAT and ASCA Observations. <i>Astrophysical Journal</i> , 1999, 514, 844-855.	1.6	17
221	Brightest cluster galaxies: the centre can(not?) hold. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 310-318.	1.6	17
222	Radio Mode Outbursts in Giant Elliptical Galaxies. <i>AIP Conference Proceedings</i> , 2009, , .	0.3	16
223	FRONTIER FIELDS CLUSTERS: DEEP CHANDRA OBSERVATIONS OF THE COMPLEX MERGER MACSJ1149.6+2223. <i>Astrophysical Journal</i> , 2016, 819, 113.	1.6	16
224	ROSAT Extended Medium-Deep Sensitivity Survey: Average Source Spectra. <i>Astrophysical Journal</i> , 1995, 451, 564.	1.6	16
225	UHURU observations of a transient X-ray source associated with the globular cluster NGC 6440. <i>Astrophysical Journal</i> , 1976, 207, L25.	1.6	16
226	Evidence for X-ray emission from superclusters of galaxies determined from UHURU. <i>Astrophysical Journal</i> , 1978, 219, L89.	1.6	16
227	The Baryonic and Dark Matter Distributions in Abell 401. <i>Astrophysical Journal</i> , 1999, 526, 1-9.	1.6	16
228	An Einstein X-ray Survey of Optically Selected Galaxies. I. Data. <i>Astrophysical Journal, Supplement Series</i> , 1997, 111, 163-179.	3.0	16
229	Deep Low-frequency Radio Observations of A2256. I. The Filamentary Radio Relic. <i>Astrophysical Journal</i> , 2022, 927, 80.	1.6	16
230	X-ray Detection of the Primary Lens Galaxy Cluster of the Gravitational Lens System Q0957+561. <i>Astrophysical Journal</i> , 1998, 504, 661-670.	1.6	15
231	Interstellar extinction and the distribution of stellar populations in the direction of the ultra-deep Chandra Galactic field. <i>Astronomy and Astrophysics</i> , 2010, 515, A49.	2.1	15
232	THE DIVERSE HOT GAS CONTENT AND DYNAMICS OF OPTICALLY SIMILAR LOW-MASS ELLIPTICAL GALAXIES. <i>Astrophysical Journal</i> , 2012, 758, 65.	1.6	15
233	GAS SLOSHING AND RADIO GALAXY DYNAMICS IN THE CORE OF THE 3C 449 GROUP. <i>Astrophysical Journal</i> , 2013, 764, 83.	1.6	15
234	YOUNG AGN OUTBURST RUNNING OVER OLDER X-RAY CAVITIES. <i>Astrophysical Journal Letters</i> , 2014, 782, L19.	3.0	15

#	ARTICLE	IF	CITATIONS
235	<i>CHANDRA</i> AND <i>XMM</i>-<i>NEWTON</i> OBSERVATIONS OF THE BIMODAL <i>PLANCK</i>-SZ-DETECTED CLUSTER PLCKG345.40-39.34 (A3716) WITH HIGH AND LOW ENTROPY SUBCLUSTER CORES. <i>Astrophysical Journal</i> , 2015, 803, 108.	1.6	15
236	Comparing different mass estimators for a large subsample of the <i>Planck</i>-ESZ clusters. <i>Astronomy and Astrophysics</i> , 2020, 644, A78.	2.1	15
237	Models of hot galactic coronae around early-type galaxies. <i>Astrophysical Journal</i> , 1994, 429, 77.	1.6	15
238	The Deepest Chandra View of RBS 797: Evidence for Two Pairs of Equidistant X-ray Cavities. <i>Astrophysical Journal Letters</i> , 2021, 923, L25.	3.0	15
239	Einstein X-ray observations of clusters of galaxies. <i>Advances in Space Research</i> , 1983, 2, 203-211.	1.2	14
240	BINARY BLACK HOLES, GAS SLOSHING, AND COLD FRONTS IN THE X-RAY HALO HOSTING 4C+37.11. <i>Astrophysical Journal</i> , 2016, 826, 91.	1.6	14
241	The Infall of the Virgo Elliptical Galaxy M60 toward M87 and the Gaseous Structures Produced by Kelvinâ€Helmholtz Instabilities. <i>Astrophysical Journal</i> , 2017, 847, 79.	1.6	14
242	Probing the Hot X-Ray Gas in the Narrow-line Region of Mrk 3. <i>Astrophysical Journal</i> , 2017, 848, 61.	1.6	14
243	A merger shock in Abell 1367. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L36-L40.	1.2	14
244	UHURU observations of the globular cluster X-ray source NGC 6712. <i>Astrophysical Journal</i> , 1977, 211, L9.	1.6	14
245	Do clusters of galaxies affect the spectrum of the microwave background?. <i>Astrophysical Journal</i> , 1991, 378, L33.	1.6	14
246	Atacama Compact Array Measurements of the Molecular Mass in the NGC 5044 Cooling-flow Group. <i>Astrophysical Journal</i> , 2020, 894, 72.	1.6	14
247	<i>CHANDRA</i> OBSERVATIONS OF NGC 4342, AN OPTICALLY FAINT, X-RAY GAS-RICH EARLY-TYPE GALAXY. <i>Astrophysical Journal</i> , 2012, 755, 25.	1.6	13
248	A SPECTACULAR BOW SHOCK IN THE 11 keV GALAXY CLUSTER AROUND 3C 438. <i>Astrophysical Journal</i> , 2017, 834, 159.	1.6	13
249	Evidence for a Merger-induced Shock Wave in ZwCl 0008.8+5215 with Chandra and Suzaku. <i>Astrophysical Journal</i> , 2019, 873, 64.	1.6	13
250	Exemplary Merging Clusters: Weak-lensing and X-Ray Analysis of the Double Radio Relic, Merging Galaxy Clusters MACS J1752.0+4440 and ZWCL 1856.8+6616. <i>Astrophysical Journal</i> , 2021, 918, 72.	1.6	13
251	Cluster evolution and microwave source counts. <i>Astrophysical Journal</i> , 1994, 426, 1.	1.6	13
252	ROSAT observations of the gravitationally lensed system 0957+561. <i>Astrophysical Journal</i> , 1995, 445, 140.	1.6	13

#	ARTICLE	IF	CITATIONS
253	Globular Clusters and X-ray Point Sources in Centaurus A (NGC 5128). <i>Astrophysical Journal</i> , 2008, 682, 199-211.	1.6	12
254	X-ray scaling relations from a complete sample of the richest maxBCG clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	12
255	Cluster of galaxies as a probe of the intergalactic medium. <i>Astrophysical Journal</i> , 1984, 277, 19.	1.6	12
256	CHANDRA OBSERVATIONS OF THE X-RAY POINT SOURCE POPULATION IN NGC 4636. <i>Astrophysical Journal</i> , 2009, 695, 1094-1110.	1.6	11
257	Collision of merger and accretion shocks: formation of Mpc-scale contact discontinuity in the Perseus cluster. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 498, L130-L134.	1.2	11
258	Chandra Observations of the Planck Early Sunyaev-Zeldovich Sample: A Reexamination of Masses and Mass Proxies. <i>Astrophysical Journal</i> , 2021, 914, 58.	1.6	11
259	THE STAR FORMATION AND NUCLEAR ACCRETION HISTORIES OF NORMAL GALAXIES IN THE AGES SURVEY. <i>Astrophysical Journal</i> , 2009, 696, 2206-2219.	1.6	10
260	The Role of Electron Excitation and Nature of Molecular Gas in Cluster Central Elliptical Galaxies. <i>Astrophysical Journal</i> , 2017, 850, 31.	1.6	10
261	Stormy Weather in 3C 196.1: Nuclear Outbursts and Merger Events Shape the Environment of the Hybrid Radio Galaxy 3C 196.1. <i>Astrophysical Journal</i> , 2018, 867, 35.	1.6	10
262	A New Feedback Cycle in the Archetypal Cooling Flow Group NGC 5044. <i>Astrophysical Journal</i> , 2021, 906, 16.	1.6	10
263	The 6.4-keV fluorescent iron line from cluster cooling flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 297, 1274-1278.	1.6	9
264	CHANDRA OBSERVATIONS OF THE GALAXY GROUP AWM 5: COOL CORE REHEATING AND THERMAL CONDUCTION SUPPRESSION. <i>Astrophysical Journal</i> , 2009, 694, 479-491.	1.6	9
265	THE UNIVERSAL GAS MASS FRACTION IN CLUSTERS OF GALAXIES. <i>Astrophysical Journal</i> , 2012, 748, 120.	1.6	9
266	The XXL survey: First results and future. <i>Astronomische Nachrichten</i> , 2017, 338, 334-341.	0.6	9
267	AGN feedback in the FR II galaxy 3C 220.1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3156-3168.	1.6	9
268	Properties of the 2-6 keV pulse profiles of Hercules X-1. <i>Astrophysical Journal</i> , 1978, 225, 994.	1.6	9
269	Chandra Observations of the Spectacular A3411-12 Merger Event. <i>Astrophysical Journal</i> , 2019, 887, 31.	1.6	9
270	THE INFRARED JET IN 3C 31. <i>Astrophysical Journal</i> , 2011, 731, 52.	1.6	8

#	ARTICLE	IF	CITATIONS
271	THE FADING OF TWO TRANSIENT ULTRALUMINOUS X-RAY SOURCES TO BELOW THE STELLAR MASS EDDINGTON LIMIT. <i>Astrophysical Journal</i> , 2013, 775, 21.	1.6	8
272	X-RAY-SELECTED GALAXY GROUPS IN BOÏTES. <i>Astrophysical Journal</i> , 2014, 794, 88.	1.6	8
273	COMPARISON OF GALAXY CLUSTERS SELECTED BY WEAK-LENSING, OPTICAL SPECTROSCOPY, AND X-RAYS IN THE DEEP LENS SURVEY F2 FIELD. <i>Astrophysical Journal</i> , 2014, 786, 125.	1.6	8
274	Deep Chandra Observations of X-Ray Point Sources in M87. <i>Astrophysical Journal</i> , 2018, 862, 73.	1.6	8
275	A Richness Study of 14 Distant X-Ray Clusters from the 160 Square Degree Survey. <i>Astrophysical Journal</i> , 2001, 558, 590-597.	1.6	8
276	SPECTRAL PROPERTIES OF X-RAY BINARIES IN CENTAURUS A. <i>Astrophysical Journal</i> , 2013, 766, 88.	1.6	7
277	Interaction of the massive cluster system Abell 3016/3017 embedded in a cosmic filament. <i>Astronomy and Astrophysics</i> , 2019, 621, A77.	2.1	6
278	Hidden Treasures in the Unknown 3CR Extragalactic Radio Sky: A Multiwavelength Approach. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 18.	3.0	6
279	The BIG X-ray tail. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 508, L69-L73.	1.2	6
280	Magnetic Field Structure around the Crab Pulsar. <i>Nature</i> , 1971, 229, 39-41.	13.7	5
281	Cosmological Implications of X-ray Observations of Clusters of Galaxies. <i>Physica Scripta</i> , 1998, T77, 103-107.	1.2	5
282	The orbital structure of the massive elliptical galaxy NGC 5846. <i>Astronomische Nachrichten</i> , 2008, 329, 940-943.	0.6	5
283	Wide Field X-ray Telescope: a moderate class mission. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
284	A 1D fluid model of the Centaurus jet. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	5
285	Chandra Observations of the Components of Clusters, Groups, and Galaxies and Their Interactions. , 0, , 51-62.		5
286	X-Ray Imaging Observations of Clusters of Galaxies. , 1994, , 39-59.		5
287	The X-ray luminosity functions of Abell clusters from the Einstein Cluster Survey. <i>Astrophysical Journal</i> , 1994, 422, 37.	1.6	5
288	Optical Studies of UHURU Sources. V. a Prime Candidate for the "transient" X-Ray Source 2u 1543-47. <i>Astrophysical Journal</i> , 1973, 183, L117.	1.6	5

#	ARTICLE	IF	CITATIONS
289	X-Ray Constraints on the Hot Gas Content of Early-type Galaxies in Virgo. <i>Astrophysical Journal</i> , 2021, 919, 141.	1.6	5
290	Discovery of a Double Radio Relic in ZwCl1447.2+2619: A Rare Testbed for Shock-acceleration Models with a Peculiar Surface-brightness Ratio. <i>Astrophysical Journal</i> , 2022, 924, 18.	1.6	5
291	Clusters of galaxies and the hot intracluster medium. <i>Advances in Space Research</i> , 1990, 10, 209-216.	1.2	4
292	A DeepChandraObservation of the Distant Galaxy Cluster MS 1137.5+6625. <i>Astrophysical Journal</i> , 2004, 608, 731-741.	1.6	4
293	Does heating by AGN shocks affect abundance profiles in galaxy clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 575-582.	1.6	4
294	A TRANSIENT SUB-EDDINGTON BLACK HOLE X-RAY BINARY CANDIDATE IN THE DUST LANES OF CENTAURUS A. <i>Astrophysical Journal</i> , 2012, 749, 112.	1.6	4
295	The Double Galaxy Cluster A2465. III. X-Ray and Weak-lensing Observations^{â—}. <i>Astrophysical Journal</i> , 2017, 844, 67.	1.6	4
296	Raining in MKW 3 s: A Chandra-MUSE Analysis of X-Ray Cold Filaments around 3CR 318.1. <i>Astrophysical Journal Letters</i> , 2021, 912, L25.	3.0	4
297	High Angular Resolution Cluster Observations with Chandra. , 2002, , 109-132.		4
298	Einstein Imaging Observations of Clusters of Galaxies. <i>Astrophysics and Space Science Library</i> , 1981, , 187-213.	1.0	4
299	The merging cluster Abell 85 caught between meals by XMM-Newton. <i>Advances in Space Research</i> , 2005, 36, 618-621.	1.2	3
300	Detection of a Star-forming Galaxy in the Center of a Low-mass Galaxy Cluster. <i>Astrophysical Journal</i> , 2018, 869, 105.	1.6	3
301	UHURU observations of short-time-scale variations of the Crab. <i>Astrophysical Journal</i> , 1974, 193, L67.	1.6	3
302	<i>Chandra</i> view of Abell407: the central compact group of galaxies and the interaction between the radio AGN and the ICM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3994-4004.	1.6	3
303	A Morphological Classification of Clusters of Galaxies from Einstein Images. <i>Symposium - International Astronomical Union</i> , 1982, 97, 97-106.	0.1	2
304	Chandra Observations of Clusters of Galaxies. <i>Highlights of Astronomy</i> , 2002, 12, 504-506.	0.0	2
305	B-MINE, the balloon-borne microcalorimeter nuclear line explorer. , 2003, , .		2
306	Einstein Images of Clusters of Galaxies: Galaxy Haloes, the Intracluster Medium, and the Intercluster Gas. <i>Astrophysics and Space Science Library</i> , 1984, , 319-340.	1.0	2

#	ARTICLE	IF	CITATIONS
307	Discovery of a new component in the gravitationally lensed quasar 0957 + 561. <i>Astrophysical Journal</i> , 1993, 410, 21.	1.6	2
308	The velocity structure of the intracluster medium during a major merger: Simulated microcalorimeter observations. <i>Astronomy and Astrophysics</i> , 2022, 663, A76.	2.1	2
309	Resilience of sloshing cold fronts against subsequent minor mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 518-534.	1.6	2
310	Observations and evolution of hot coronae around early type galaxies. <i>Advances in Space Research</i> , 1990, 10, 217-220.	1.2	1
311	Bubble-Heated Cooling Flows. , 0, , 37-43.		1
312	Outbursts from the supermassive black hole in M87 and the impact on the hot gas. <i>Advances in Space Research</i> , 2005, 36, 597-600.	1.2	1
313	The nature of Ultra-luminous X-ray sources in early-type galaxies. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	1
314	Constraints on turbulent pressure in the X-ray halos of giant elliptical galaxies from resonant scattering. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 297-298.	0.0	1
315	The Wide Field X-ray Telescope Mission – A Digital Sky Survey in X-rays. , 2010, , .		1
316	X-ray properties and scaling relations for Planck ESZ clusters. <i>Astronomische Nachrichten</i> , 2013, 334, 437-440.	0.6	1
317	Unraveling AGN feedback and ICM physics with deep Chandra X-ray observations of the galaxy group NGC 5813. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 277-282.	0.0	1
318	The First Astrophysical Result of Hisaki: A Search for the EUV He Lines in a Massive Cool Core Cluster at $z \approx 0.7$. <i>Astrophysical Journal</i> , 2019, 881, 98.	1.6	1
319	A Morphological Classification of Clusters of Galaxies from Einstein Images. , 1982, , 97-106.		1
320	Hot Coronae around Early-Type Galaxies: Erratum. <i>Astrophysical Journal</i> , 1986, 300, 836.	1.6	1
321	The Cluster Abell 85 and its X-ray Filament Revisited by Chandra and XMM-Newton. <i>Astrophysics and Space Science Library</i> , 2004, , 53-61.	1.0	1
322	Cooling and Feedback in Galaxies and Groups. <i>Globular Clusters - Guides To Galaxies</i> , 2007, , 145-154.	0.1	1
323	Hot Gaseous Coronae around Early-Type Galaxies. <i>Astrophysics and Space Science Library</i> , 1984, , 297-305.	1.0	1
324	Supermassive Black Hole feedback in early type galaxies. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 119-125.	0.0	1

#	ARTICLE	IF	CITATIONS
325	Exploring Gravitationally Lensed $z \approx 6$ X-Ray Active Galactic Nuclei Behind the RELICS Clusters. <i>Astrophysical Journal</i> , 2022, 927, 34.	1.6	1
326	Detection of a Superluminous Spiral Galaxy in the Heart of a Massive Galaxy Cluster. <i>Astrophysical Journal</i> , 2022, 930, 138.	1.6	1
327	Hot Coronae Around Early-Type Galaxies: Evidence for Dark Halos. <i>Symposium - International Astronomical Union</i> , 1987, 117, 214-214.	0.1	0
328	X-ray observations of gravitational lenses. , 1990, , 141-162.		0
329	Implications of Abundance Measurements of the Intracluster Medium. <i>International Astronomical Union Colloquium</i> , 1990, 115, 245-248.	0.1	0
330	Evolution of the Coronae in Early-Type Galaxies. <i>International Astronomical Union Colloquium</i> , 1990, 115, 240-244.	0.1	0
331	B-MINE, the balloon-borne microcalorimeter nuclear line explorer. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
332	X-ray three-dimensional survey in the NDWFS Bootes field: large area chandra shallow x-ray survey-I. , 2004, , .		0
333	Outbursts from Supermassive Black Holes and Their Impacts on the Hot Gas in Elliptical Galaxies. , 0, , 363-370.		0
334	High Energy, High Resolution X-Ray Spectroscopy: Microcalorimeters For Nuclear Line Astrophysics. , 2005, , .		0
335	Constraining the Outburst Properties of the Radio Galaxy NGC 1316. , 2009, , .		0
336	The Unusual X-ray Morphology of NGC 4636 Revealed by Deep Chandra Observations: Cavities and Shocks Created by Past AGN Outbursts. , 2009, , .		0
337	Polarization of X-ray lines from galaxy clusters and elliptical galaxies. , 2010, , 146-149.		0
338	3C28 in Abell 115- A Radio Source With a Twist. , 2010, , .		0
339	Chandra and VLA Observations of Supermassive Black Hole Outbursts in M87. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 261-264.	0.0	0
340	Hot Gas and AGN Feedback in Galaxies and Nearby Groups. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 257-260.	0.0	0
341	X-ray jets and nuclear emission in low redshift early-type galaxies. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 266-270.	0.0	0
342	Supermassive black holes (SMBH) at work: M87, a case study of the effects of SMBH outbursts. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 309-314.	0.0	0

#	ARTICLE	IF	CITATIONS
343	FM 22. Mapping the Frontier Fields with Chandra X-ray Observations. Proceedings of the International Astronomical Union, 2015, 11, 758-759.	0.0	0
344	Characterizing the Outburst of the Supermassive Black Hole in M87. Proceedings of the International Astronomical Union, 2018, 14, 112-117.	0.0	0
345	Close-up view of an ongoing merger between the NGC 4839 group and the Coma cluster. Proceedings of the International Astronomical Union, 2018, 14, 133-136.	0.0	0
346	William Liller (1927â€“2021). , 2021, 53, .		0
347	HOT GAS AND DARK MATTER IN GALAXIES AND CLUSTERS. , 2000, , .		0
348	Relaxed and unrelaxed clusters of galaxies seen in X-rays. EAS Publications Series, 2006, 20, 183-186.	0.3	0
349	Supermassive Black Holes in Elliptical Galaxies: Switching from Very Bright to Very Dim. Globular Clusters - Guides To Galaxies, 2007, , 295-299.	0.1	0
350	GALAXY CLUSTERS AND THEIR CENTRAL SUPERMASSIVE BLACK HOLES: CASE OF M87. , 2012, , .		0
351	A Morphological Classification of Clusters of Galaxies from Einstein Images. , 1982, , 97-106.		0
352	The effects of outbursts from Supermassive Black Holes: A close look at M87. Proceedings of the International Astronomical Union, 2019, 15, 99-107.	0.0	0
353	Outbursts from Supermassive Black Holes: Shocks, Bubbles, and Filaments Around M87. , 2007, , 80-86.		0
354	Outbursts from Supermassive Black Holes and their Impacts on the Hot Gas in Early-Type Galaxies, Groups and Clusters. , 2007, , 314-319.		0
355	Turbulence in Galaxy Clusters: Impact on the Abundance Profiles. , 2007, , 340-343.		0