Chris Reynolds

List of Publications by Year
in descending order

194 papers	17,535 citations	13865 67 h-index	14208 128 g-index
195 all docs	195 docs citations	195 times ranked	7708 citing authors

#	Article	IF	Citations
1	TheSwiftGammaâ€Ray Burst Mission. Astrophysical Journal, 2004, 611, 1005-1020.	4.5	3,117
2	IMPROVED REFLECTION MODELS OF BLACK HOLE ACCRETION DISKS: TREATING THE ANGULAR DISTRIBUTION OF X-RAYS. Astrophysical Journal, 2014, 782, 76.	4.5	501
3	An X-ray spectral study of 24 type 1 active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 1997, 286, 513-537.	4.4	494
4	Broad line emission from iron K- and L-shell transitions in the active galaxy 1Hâ€‰0707-495. Nature, 2009, 459, 540-542.	27.8	465
5	The relation between accretion rate and jet power in X-ray luminous elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 372, 21-30.	4.4	442
6	Constraining Black Hole Spin via Xâ€Ray Spectroscopy. Astrophysical Journal, 2006, 652, 1028-1043.	4.5	427
7	X-RAY REFLECTED SPECTRA FROM ACCRETION DISK MODELS. III. A COMPLETE GRID OF IONIZED REFLECTION CALCULATIONS. Astrophysical Journal, 2013, 768, 146.	4.5	370
8	The quiescent intracluster medium in the core of the Perseus cluster. Nature, 2016, 535, 117-121.	27.8	348
9	Measuring Black Hole Spin Using X-Ray Reflection Spectroscopy. Space Science Reviews, 2014, 183, 277-294.	8.1	315
10	Wind from the black-hole accretion disk driving a molecular outflow in an active galaxy. Nature, 2015, 519, 436-438.	27.8	289
11	Irradiation of an accretion disc by a jet: general properties and implications for spin measurements of black holes. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1694-1708.	4.4	286
12	Broad emission lines for a negatively spinning black hole. Monthly Notices of the Royal Astronomical Society, 2010, 409, 1534-1540.	4.4	274
13	Alignment of the Spins of Supermassive Black Holes Prior to Coalescence. Astrophysical Journal, 2007, 661, L147-L150.	4.5	246
14	Properties of AGN coronae in theNuSTARera. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4375-4383.	4.4	235
15	Unification of X-ray winds in Seyfert galaxies: from ultra-fast outflows to warm absorbers. Monthly Notices of the Royal Astronomical Society, 2013, 430, 1102-1117.	4.4	228
16	The magnetic nature of disk accretion onto black holes. Nature, 2006, 441, 953-955.	27.8	225
17	Broad iron L line and X-ray reverberation in 1H0707-495. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2419-2432.	4.4	199
18	STELLAR-MASS BLACK HOLE SPIN CONSTRAINTS FROM DISK REFLECTION AND CONTINUUM MODELING. Astrophysical Journal, 2009, 697, 900-912.	4.5	193

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19	Highâ€ResolutionChandraHETGS andRossi Xâ€Ray Timing ExplorerObservations of GRS 1915+105: A Hot Disk Atmosphere and Cold Gas Enriched in Iron and Silicon. Astrophysical Journal, 2002, 567, 1102-1111.	4.5	189
20	Evidence of Spin and Energy Extraction in a Galactic Black Hole Candidate: The [ITAL]XMM-Newton[/ITAL]/EPIC-[CLC]pn[/CLC] Spectrum of XTE J1650â^'500. Astrophysical Journal, 2002, 570, L69-L73.	4.5	189
21	Iron Fluorescence from within the Innermost Stable Orbit of Black Hole Accretion Disks. Astrophysical Journal, 1997, 488, 109-118.	4.5	187
22	Broad Ironâ€KÎ± Emission Lines as a Diagnostic of Black Hole Spin. Astrophysical Journal, 2008, 675, 1048-1056.	4.5	170
23	The hydrodynamics of dead radio galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 332, 271-282.	4.4	164
24	THE SPIN OF THE SUPERMASSIVE BLACK HOLE IN NGC 3783. Astrophysical Journal, 2011, 736, 103.	4.5	163
25	A global look at X-ray time lags in Seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 462, 511-531.	4.4	162
26	AGN Feedback and Cooling Flows: Problems with Simple Hydrodynamic Models. Astrophysical Journal, 2006, 645, 83-94.	4.5	158
27	Xâ€Ray Iron Line Reverberation from Black Hole Accretion Disks. Astrophysical Journal, 1999, 514, 164-179.	4.5	157
28	A soft X-ray study of type I active galactic nuclei observed with Chandra high-energy transmission grating spectrometer. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1359-1372.	4.4	156
29	The Accretion Disk Wind in the Black Hole GRO J1655â^'40. Astrophysical Journal, 2008, 680, 1359-1377.	4.5	150
30	Buoyant radio lobes in a viscous intracluster medium. Monthly Notices of the Royal Astronomical Society, 0, 357, 242-250.	4.4	144
31	Relativistic iron K X-ray reverberation in NGC 4151. Monthly Notices of the Royal Astronomical Society, 2012, 422, 129-134.	4.4	141
32	The spin of supermassive black holes. Classical and Quantum Gravity, 2013, 30, 244004.	4.0	141
33	The profile and equivalent width of the X-ray iron emission line from a disc around a Kerr black hole. Monthly Notices of the Royal Astronomical Society, 1997, 288, L11-L15.	4.4	132
34	Intermittent Radio Galaxies and Source Statistics. Astrophysical Journal, 1997, 487, L135-L138.	4.5	131
35	HOW AGN JETS HEAT THE INTRACLUSTER MEDIUMâ€"INSIGHTS FROM HYDRODYNAMIC SIMULATIONS. Astrophysical Journal, 2016, 829, 90.	4.5	127
36	The ASTRO-H Mission. Proceedings of SPIE, 2010, , .	0.8	125

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37	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
38	Warm absorbers in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 1995, 273, 1167-1176.	4.4	120
39	GLOBAL SIMULATIONS OF ACCRETION DISKS. I. CONVERGENCE AND COMPARISONS WITH LOCAL MODELS. Astrophysical Journal, 2012, 749, 189.	4.5	113
40	[ITAL]Chandra[/ITAL] ACIS-S Observations of Abell 4059: Signs of Dramatic Interaction between a Radio Galaxy and a Galaxy Cluster. Astrophysical Journal, 2002, 569, L79-L82.	4.5	112
41	The response of relativistic outflowing gas to the inner accretion disk of a black hole. Nature, 2017, 543, 83-86.	27.8	110
42	Observing black holes spin. Nature Astronomy, 2019, 3, 41-47.	10.1	107
43	Long XMM observation of the narrow-line Seyfert 1 galaxy IRAS 13224â˜3809: rapid variability, high spin and a soft lag. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2917-2923.	4.4	103
44	Observational Constraints on Black Hole Spin. Annual Review of Astronomy and Astrophysics, 2021, 59, 117-154.	24.3	101
45	On viscosity, conduction and sound waves in the intracluster medium. Monthly Notices of the Royal Astronomical Society, 2005, 363, 891-896.	4.4	100
46	A multiwavelength study of the Seyfert 1 galaxy MCG-6-30-15. Monthly Notices of the Royal Astronomical Society, 1997, 291, 403-417.	4.4	97
47	The variability of accretion on to Schwarzschild black holes from turbulent magnetized discs. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1041-1050.	4.4	93
48	A new bound on axion-like particles. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 036-036.	5.4	92
49	AN EXTREME X-RAY DISK WIND IN THE BLACK HOLE CANDIDATE IGR J17091â€“3624. Astrophysical Journal Letters, 2012, 746, L20.	8.3	90
50	THE BROADBAND SPECTRAL VARIABILITY OF MCGâ€“6-30-15 OBSERVED BYNUSTARANDXMM-NEWTON. Astrophysical Journal, 2014, 787, 83.	4.5	89
51	Astrophysical Limits on Very Light Axion-like Particles from Chandra Grating Spectroscopy of NGC 1275. Astrophysical Journal, 2020, 890, 59.	4.5	89
52	Ionized outflows from active galactic nuclei as the essential elements of feedback. Nature Astronomy, 2021, 5, 13-24.	10.1	88
53	Simultaneous NuSTAR and XMMâ€“Newton 0.5â€“80èkeV spectroscopy of the narrow-line Seyfert 1 galaxy SWIFT J2127.4+5654. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2347-2356.	4.4	85
54	Hitomi Constraints on the 3.5 keV Line in the Perseus Galaxy Cluster. Astrophysical Journal Letters, 2017, 837, L15.	8.3	84

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55	Cosmic-Ray Feedback Heating of the Intracluster Medium. Astrophysical Journal, 2017, 844, 13.	4.5	83
56	INTERPLAY AMONG COOLING, AGN FEEDBACK, AND ANISOTROPIC CONDUCTION IN THE COOL CORES OF GALAXY CLUSTERS. Astrophysical Journal, 2016, 818, 181.	4.5	80
57	NuSTARANDXMM-NEWTONOBSERVATIONS OF NGC 1365: EXTREME ABSORPTION VARIABILITY AND A CONSTANT INNER ACCRETION DISK. Astrophysical Journal, 2014, 788, 76.	4.5	79
58	On the determination of the spin and disc truncation of accreting black holes using X-ray reflection. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2307-2313.	4.4	79
59	Do sound waves transport the AGN energy in the Perseus cluster?. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 464, L1-L5.	3.3	75
60	AChandraHETGS Spectral Study of the Iron K Bandpass in MCG â^'6â€30â€15: A Narrow View of the Broad Iron Line. Astrophysical Journal, 2005, 631, 733-740.	4.5	74
61	AN X-RAY VIEW OF THE JET CYCLE IN THE RADIO-LOUD AGN 3C120. Astrophysical Journal, 2013, 772, 83.	4.5	74
62	The soft-X-ray emission of Ark 120. XMMâ€“Newton, NuSTAR, and the importance of taking the broad view. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3016-3021.	4.4	73
63	Towards modelling X-ray reverberation in AGN: piecing together the extended corona. Monthly Notices of the Royal Astronomical Society, 2016, 458, 200-225.	4.4	71
64	High Density Reflection Spectroscopy â€“ II. The density of the inner black hole accretion disc in AGN. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3436-3455.	4.4	71
65	THE TIME VARIABILITY OF GEOMETRICALLY THIN BLACK HOLE ACCRETION DISKS. I. THE SEARCH FOR MODES IN SIMULATED DISKS. Astrophysical Journal, 2009, 692, 869-886.	4.5	70
66	A MONTE CARLO MARKOV CHAIN BASED INVESTIGATION OF BLACK HOLE SPIN IN THE ACTIVE GALAXY NGC 3783. Astrophysical Journal, 2012, 755, 88.	4.5	70
67	POWERFUL, ROTATING DISK WINDS FROM STELLAR-MASS BLACK HOLES. Astrophysical Journal, 2015, 814, 87.	4.5	70
68	A dynamic black hole corona in an active galaxy through X-ray reverberation mapping. Nature Astronomy, 2020, 4, 597-602.	10.1	70
69	CONSTRAINING THE SPIN OF THE BLACK HOLE IN FAIRALL 9 WITHSUZAKU. Astrophysical Journal, 2009, 703, 2171-2176.	4.5	66
70	STAR FORMATION EFFICIENCY IN THE COOL CORES OF GALAXY CLUSTERS. Astrophysical Journal, 2011, 734, 95.	4.5	64
71	REGULATION OF BLACK HOLE WINDS AND JETS ACROSS THE MASS SCALE. Astrophysical Journal, 2013, 762, 103.	4.5	64
72	Exploring the Effects of Disk Thickness on the Black Hole Reflection Spectrum. Astrophysical Journal, 2018, 855, 120.	4.5	63

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73	SIMULATIONS OF MAGNETOHYDRODYNAMICS INSTABILITIES IN INTRACLUSTER MEDIUM INCLUDING ANISOTROPIC THERMAL CONDUCTION. Astrophysical Journal, 2009, 704, 211-225.	4.5	62
74	The high-Eddington NLS1 Ark 564 has the coolest corona. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3489-3498.	4.4	62
75	Iron K and Compton hump reverberation in SWIFT J2127.4+5654 and NGC 1365 revealed by NuSTAR and XMMâ€“Newton. Monthly Notices of the Royal Astronomical Society, 2015, 446, 737-749.	4.4	60
76	THE DISK-WIND-JET CONNECTION IN THE BLACK HOLE H 1743â€“322. Astrophysical Journal Letters, 2012, 759, L6.	8.3	58
77	Relativistic reverberation in the accretion flow of a tidal disruption event. Nature, 2016, 535, 388-390.	27.8	58
78	LOW-FREQUENCY OSCILLATIONS IN GLOBAL SIMULATIONS OF BLACK HOLE ACCRETION. Astrophysical Journal, 2011, 736, 107.	4.5	57
79	THE BLACK HOLE SPIN AND SOFT X-RAY EXCESS OF THE LUMINOUS SEYFERT GALAXY FAIRALL 9. Astrophysical Journal, 2012, 758, 67.	4.5	57
80	Atmospheric gas dynamics in the Perseus cluster observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	57
81	Ultrafast outflow in tidal disruption event ASASSN-14li. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3593-3598.	4.4	57
82	Simulations of Accretion Flows Crossing the Last Stable Orbit. Astrophysical Journal, 2001, 548, 868-875.	4.5	57
83	TESTING THE PROPAGATING FLUCTUATIONS MODEL WITH A LONG, GLOBAL ACCRETION DISK SIMULATION. Astrophysical Journal, 2016, 826, 40.	4.5	56
84	Ultrafast outflows disappear in high-radiation fields. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1021-1035.	4.4	56
85	The remarkable X-ray variability of IRAS 13224â€“3809 â€“ I. The variability process. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2088-2106.	4.4	56
86	NUSTARANDSUZAKUX-RAY SPECTROSCOPY OF NGC 4151: EVIDENCE FOR REFLECTION FROM THE INNER ACCRETION DISK. Astrophysical Journal, 2015, 806, 149.	4.5	54
87	SUPPRESSION OF ELECTRON THERMAL CONDUCTION IN THE HIGH Î² INTRACLUSTER MEDIUM OF GALAXY CLUSTERS. Astrophysical Journal Letters, 2016, 830, L9.	8.3	54
88	A selection effect boosting the contribution from rapidly spinning black holes to the cosmic X-ray background. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2012-2023.	4.4	54
89	BUOYANCY INSTABILITIES IN A WEAKLY COLLISIONAL INTRACLUSTER MEDIUM. Astrophysical Journal, 2012, 754, 122.	4.5	52
90	INEFFICIENT DRIVING OF BULK TURBULENCE BY ACTIVE GALACTIC NUCLEI IN A HYDRODYNAMIC MODEL OF THE INTRACLUSTER MEDIUM. Astrophysical Journal, 2015, 815, 41.	4.5	51

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91	CORONAL PROPERTIES OF THE SEYFERT 1.9 GALAXY MCG-05-23-016 DETERMINED FROM HARD X-RAY SPECTROSCOPY WITHNuSTAR. Astrophysical Journal, 2015, 800, 62.	4.5	51
92	Revealing the ultrafast outflow in IRAS 13224â˜3809 through spectral variability. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1553-1558.	4.4	48
93	ACCRETION DISK DYNAMO AS THE TRIGGER FOR X-RAY BINARY STATE TRANSITIONS. Astrophysical Journal, 2015, 809, 118.	4.5	47
94	The radio properties of a complete, X-ray selected sample of nearby, massive elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	46
95	Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	46
96	The ASTRO-H X-ray astronomy satellite. Proceedings of SPIE, 2014, , .	0.8	45
97	CONNECTIONS BETWEEN LOCAL AND GLOBAL TURBULENCE IN ACCRETION DISKS. Astrophysical Journal, 2010, 712, 1241-1247.	4.5	44
98	Suppression of Electron Thermal Conduction by Whistler Turbulence in a Sustained Thermal Gradient. Physical Review Letters, 2018, 120, 035101.	7.8	44
99	ROSAT PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots. Monthly Notices of the Royal Astronomical Society, 1996, 278, 479-487.	4.4	43
100	A Relativistic F[CLC]e[/CLC] KÎ± Emission Line in the Intermediate-Luminosity [ITAL]B[CLC]eppo[/CLC]SAX[/ITAL] Spectrum of the Galactic Microquasar V4641 Sgr. Astrophysical Journal, 2002, 577, L15-L18.	4.5	41
101	ASCA observations of the nearby galaxies Dwingeloo 1 and Maffei 1. Monthly Notices of the Royal Astronomical Society, 1997, 286, 349-357.	4.4	39
102	New constraints on light axion-like particles using Chandra transmission grating spectroscopy of the powerful cluster-hosted quasar H1821+643. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1264-1277.	4.4	36
103	The Limitations of Optical Spectroscopic Diagnostics in Identifying Active Galactic Nuclei in the Low-mass Regime. Astrophysical Journal Letters, 2019, 870, L2.	8.3	35
104	X-ray evidence for the accretion discâ€“outflow connection in 3C 111. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 418, L89-L93.	3.3	34
105	Comparison of ejection events in the jet and accretion disc outflows in 3C 111. Monthly Notices of the Royal Astronomical Society, 2012, 424, 754-761.	4.4	34
106	The ionized absorber and nuclear environment of IRASÂ13349+2438: multi-wavelength insights from coordinated Chandra HETGS, HST STIS, HET and Spitzer IRS. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2650-2679.	4.4	34
107	Suppression of AGN-driven Turbulence by Magnetic Fields in a Magnetohydrodynamic Model of the Intracluster Medium. Astrophysical Journal, 2018, 857, 84.	4.5	34
108	Wave Generation and Heat Flux Suppression in Astrophysical Plasma Systems. Astrophysical Journal, 2018, 867, 154.	4.5	33

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109	THESUZAKUVIEW OF 3C 382. Astrophysical Journal, 2011, 734, 105.	4.5	31
110	NuSTAR REVEALS RELATIVISTIC REFLECTION BUT NO ULTRA-FAST OUTFLOW IN THE QUASAR PG 1211+143. Astrophysical Journal Letters, 2015, 799, L24.	8.3	31
111	Efficient Production of Sound Waves by AGN Jets in the Intracluster Medium. Astrophysical Journal, 2019, 886, 78.	4.5	31
112	Iron line spectroscopy of NGC 4593 withXMM-Newton: where is the black hole accretion disc?. Monthly Notices of the Royal Astronomical Society, 2004, 352, 205-210.	4.4	30
113	PROBING THE ACCRETION DISK AND CENTRAL ENGINE STRUCTURE OF NGC 4258 WITHSUZAKUANDXMM-NEWTONOBSERVATIONS. Astrophysical Journal, 2009, 691, 1159-1167.	4.5	29
114	Measurements of resonant scattering in the Perseus Cluster core with Hitomi SXS. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	29
115	CONSTRAINTS ON COMPTON-THICK WINDS FROM BLACK HOLE ACCRETION DISKS: CAN WE SEE THE INNER DISK?. Astrophysical Journal Letters, 2012, 759, L15.	8.3	28
116	The Compton hump and variable blue wing in the extreme low-flux NuSTAR observations of 1H0707â˜'495. Monthly Notices of the Royal Astronomical Society, 2015, 449, 234-242.	4.4	28
117	TheNuSTARX-ray spectrum of the low-luminosity active galactic nucleus in NGC 7213. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3266-3272.	4.4	28
118	THE ANGULAR MOMENTA OF NEUTRON STARS AND BLACK HOLES AS A WINDOW ON SUPERNOVAE. Astrophysical Journal Letters, 2011, 731, L5.	8.3	27
119	NuSTAROBSERVATIONS OF THE POWERFUL RADIO-GALAXY CYGNUS A. Astrophysical Journal, 2015, 808, 154.	4.5	27
120	Hitomi observation of radio galaxy NGCâ€‰1275: The first X-ray microcalorimeter spectroscopy of Fe-KÎ± line emission from an active galactic nucleus. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	27
121	NONLINEAR DYNAMICS OF ACCRETION DISKS WITH STOCHASTIC VISCOSITY. Astrophysical Journal, 2014, 791, 126.	4.5	26
122	Acoustic Disturbances in Galaxy Clusters. Astrophysical Journal, 2018, 858, 5.	4.5	26
123	RADIATIVE AND DYNAMIC STABILITY OF A DILUTE PLASMA. Astrophysical Journal Letters, 2010, 720, L97-L101.	8.3	25
124	THE CORONA OF THE BROAD-LINE RADIO GALAXY 3C 390.3. Astrophysical Journal, 2015, 814, 24.	4.5	25
125	THE RHYTHM OF FAIRALL 9. I. OBSERVING THE SPECTRAL VARIABILITY WITHXMM-NEWTONANDNuSTAR. Astrophysical Journal, 2016, 821, 11.	4.5	25
126	DISKâ€“WIND CONNECTION DURING THE HEARTBEATS OF GRS 1915+105. Astrophysical Journal, 2016, 833, 165.	4.5	24

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127	Black Hole Spin in AGN and GBHCs. Astrophysics and Space Science, 2005, 300, 71-79.	1.4	23
128	Energetic Impact of Jetâ€Inflated Cocoons in Relaxed Galaxy Clusters. Astrophysical Journal, 2007, 671, 171-180.	4.5	22
129	Regulation of Thermal Conductivity in Hot Galaxy Clusters by MHD Turbulence. Astrophysical Journal, 2008, 681, L65-L68.	4.5	22
130	The nature of the torus in the heavily obscured AGN Markarian 3: an X-ray study. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1954-1969.	4.4	22
131	X-Ray Reverberation from Black Hole Accretion Disks with Realistic Geometric Thickness. Astrophysical Journal, 2018, 868, 109.	4.5	22
132	The Influence of Accretion Disk Thickness on the Large-scale Magnetic Dynamo. Astrophysical Journal, 2018, 861, 24.	4.5	22
133	Ionized emission and absorption in a large sample of ultraluminous X-ray sources. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3569-3588.	4.4	22
134	THE X-RAY SPECTRUM OF THE COOLING-FLOW QUASAR H1821+643: A MASSIVE BLACK HOLE FEEDING OFF THE INTRACLUSTER MEDIUM. Astrophysical Journal Letters, 2014, 792, L41.	8.3	21
135	The view of AGN-host alignment via reflection spectroscopy. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1568-1576.	4.4	21
136	Detection of polarized gamma-ray emission from the Crab nebula with the Hitomi Soft Gamma-ray Detector. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	21
137	CHANDRASPECTROSCOPY OF MAXI J1305â€“704: DETECTION OF AN INFALLING BLACK HOLE DISK WIND?. Astrophysical Journal, 2014, 788, 53.	4.5	20
138	Temperature structure in the Perseus cluster core observed with Hitomi. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	20
139	Venturing beyond the ISCO: detecting X-ray emission from the plunging regions around black holes. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5532-5550.	4.4	20
140	An Xâ€Ray Spectral Analysis of the Central Regions of NGC 4593. Astrophysical Journal, 2007, 666, 817-827.	4.5	19
141	Whistler-regulated Magnetohydrodynamics: Transport Equations for Electron Thermal Conduction in the High-l^2 Intracluster Medium of Galaxy Clusters. Astrophysical Journal, 2021, 923, 245.	4.5	19
142	The effect of returning radiation on relativistic reflection. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3965-3983.	4.4	19
143	THE FAST UV VARIABILITY OF THE ACTIVE GALACTIC NUCLEUS IN FAIRALL 9. Astrophysical Journal, 2014, 788, 10.	4.5	16
144	An outburst scenario for the X-ray spectral variability in 3C 111. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2707-2717.	4.4	15

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145	Limits on turbulent propagation of energy in cool-core clusters of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 478, L44-L48.	3.3	15
146	Fourier formalism for relativistic axion-photon conversion with astrophysical applications. Physical Review D, 2022, 105, .	4.7	15
147	X-ray spectroscopy of the broad-line radio galaxy 3C 111. Monthly Notices of the Royal Astronomical Society, 1998, 299, 410-416.	4.4	14
148	AGN feedback in the Phoenix cluster. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4113-4123.	4.4	14
149	Powering of HÎ± Filaments by Cosmic Rays. Astrophysical Journal, 2018, 858, 64.	4.5	14
150	A full characterization of the supermassive black hole in IRASâ€‰09149â€“6206. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1480-1498.	4.4	14
151	Blueshifted absorption lines from X-ray reflection in IRASÂ13224â˜3809. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2518-2522.	4.4	14
152	The Dynamics of Truncated Black Hole Accretion Disks. II. Magnetohydrodynamic Case. Astrophysical Journal, 2018, 854, 6.	4.5	13
153	X-RAY DIPS IN THE SEYFERT GALAXY FAIRALL 9: COMPTON-THICK â€œCOMETSâ€•OR A FAILED RADIO GALAXY?. Astrophysical Journal Letters, 2012, 749, L31.	8.3	12
154	A disc reflection model for ultra-soft narrow-line Seyfert 1 galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3888-3901.	4.4	12
155	An ionized accretion disc wind in Hercules X-1. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3730-3750.	4.4	12
156	How Do Magnetic Field Models Affect Astrophysical Limits on Light Axion-like Particles? An X-Ray Case Study with NGC 1275. Astrophysical Journal, 2022, 930, 90.	4.5	12
157	X-Ray Fluorescence from Super-Eddington Accreting Black Holes. Astrophysical Journal Letters, 2019, 884, L21.	8.3	11
158	Detection of a variable ultrafast outflow in the narrow-line Seyfert 1 galaxy PG 1448+273. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4769-4781.	4.4	11
159	A Case for Electron-Astrophysics. Experimental Astronomy, 0, , 1.	3.7	11
160	Probing the Milky Wayâ€™s Dark Matter Halo for the 3.5 keV Line. Astrophysical Journal, 2020, 905, 146.	4.5	11
161	Feeding and Feedback in the Powerful Radio Galaxy 3C 120. Astrophysical Journal, 2017, 838, 16.	4.5	10
162	XMMâ€“Newton observations of the narrow-line Seyfert 1 galaxy IRASÂ13224â˜3809: X-ray spectral analysis II. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1107-1121.	4.4	10

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163	THE COMPLEX CIRCUMNUCLEAR ENVIRONMENT OF THE BROAD-LINE RADIO GALAXY 3C 390.3 REVEALED BY CHANDRA HETG. Astrophysical Journal, 2016, 830, 98.	4.5	9
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