

List of Publications by Year in descending order

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518
papers

23,872
citations

15504

65
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522
all docs

522
docs citations

522
times ranked

13875
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	8.3	2,805
2	On the Absorption of X-rays in the Interstellar Medium. <i>Astrophysical Journal</i> , 2000, 542, 914-924.	4.5	2,797
3	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	3.6	512
4	IMPROVED REFLECTION MODELS OF BLACK HOLE ACCRETION DISKS: TREATING THE ANGULAR DISTRIBUTION OF X-RAYS. <i>Astrophysical Journal</i> , 2014, 782, 76.	4.5	501
5	Going with the Flow: Can the Base of Jets Subsume the Role of Compact Accretion Disk Coronae?. <i>Astrophysical Journal</i> , 2005, 635, 1203-1216.	4.5	459
6	Rossi X-ray Timing Explorer Observation of Cygnus X-1. II. Timing Analysis. <i>Astrophysical Journal</i> , 1999, 510, 874-891.	4.5	397
7	X-RAY REFLECTED SPECTRA FROM ACCRETION DISK MODELS. III. A COMPLETE GRID OF IONIZED REFLECTION CALCULATIONS. <i>Astrophysical Journal</i> , 2013, 768, 146.	4.5	370
8	An accreting pulsar with extreme properties drives an ultraluminous x-ray source in NGC 5907. <i>Science</i> , 2017, 355, 817-819.	12.6	321
9	Irradiation of an accretion disc by a jet: general properties and implications for spin measurements of black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1694-1708.	4.4	286
10	XMM-EPIC observation of MCG-6-30-15: direct evidence for the extraction of energy from a spinning black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, L27-L31.	4.4	283
11	Magnetic Fields of Accreting X-ray Pulsars with the Rossi X-ray Timing Explorer. <i>Astrophysical Journal</i> , 2002, 580, 394-412.	4.5	275
12	Broad emission lines for a negatively spinning black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1534-1540.	4.4	274
13	XMM-Newton observations of the brightest ultraluminous X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 397-413.	4.4	240
14	The role of the reflection fraction in constraining black hole spin. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 444, L100-L104.	3.3	232
15	Spectral formation in accreting X-ray pulsars: bimodal variation of the cyclotron energy with luminosity. <i>Astronomy and Astrophysics</i> , 2012, 544, A123.	5.1	204
16	Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. <i>Science</i> , 2009, 326, 1512-1516.	12.6	193
17	Polarized Gamma-Ray Emission from the Galactic Black Hole Cygnus X-1. <i>Science</i> , 2011, 332, 438-439.	12.6	190
18	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2003, 407, 1039-1058.	5.1	178

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19	The enhanced X-ray Timing and Polarimetry mission "eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	178
20	Coincidence of a high-fluence blazar outburst with a PeV-energy neutrino event. Nature Physics, 2016, 12, 807-814.	16.7	170
21	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	3.7	168
22	The SURvey for Pulsars and Extragalactic Radio Bursts " II. New FRB discoveries and their follow-up. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1427-1446.	4.4	156
23	Cyclotron lines in highly magnetized neutron stars. Astronomy and Astrophysics, 2019, 622, A61.	5.1	150
24	Cygnus X-1 contains a 21 "solar mass black hole" Implications for massive star winds. Science, 2021, 371, 1046-1049.	12.6	138
25	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	8.3	135
26	The effects of high density on the X-ray spectrum reflected from accretion discs around black holes. Monthly Notices of the Royal Astronomical Society, 2016, 462, 751-760.	4.4	129
27	Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084.	12.6	128
28	Normalizing a relativistic model of X-ray reflection. Astronomy and Astrophysics, 2016, 590, A76.	5.1	127
29	Discovery of a flux-related change of the cyclotron line energy in Hercules X-1. Astronomy and Astrophysics, 2007, 465, L25-L28.	5.1	125
30	Detection of large-scale X-ray bubbles in the Milky Way halo. Nature, 2020, 588, 227-231.	27.8	122
31	The ATHENA x-ray integral field unit (X-IFU). , 2018, , .		120
32	On the determination of the spin of the black hole in Cyg X-1 from X-ray reflection spectra. Monthly Notices of the Royal Astronomical Society, 2012, 424, 217-223.	4.4	117
33	Self-consistent Thermal Accretion Disk Corona Models for Compact Objects. II. Application to Cygnus X-1. Astrophysical Journal, 1997, 487, 759-768.	4.5	116
34	A model for cyclotron resonance scattering features. Astronomy and Astrophysics, 2007, 472, 353-365.	5.1	113
35	Coronal-temporal correlations in GX 339-4: hysteresis, possible reflection changes and implications for advection-dominated accretion flows. Monthly Notices of the Royal Astronomical Society, 2002, 332, 856-878.	4.4	109
36	THE REFLECTION COMPONENT FROM CYGNUS X-1 IN THE SOFT STATE MEASURED BY NuSTAR AND SUZAKU. Astrophysical Journal, 2014, 780, 78.	4.5	109

#	ARTICLE	IF	CITATIONS
37	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2006, 447, 245-261.	5.1	108
38	eXTP: Enhanced X-ray Timing and Polarization mission. <i>Proceedings of SPIE</i> , 2016, , .	0.8	106
39	<i>NuSTAR</i> AND <i>SUZAKU</i> OBSERVATIONS OF THE HARD STATE IN CYGNUS X-1: LOCATING THE INNER ACCRETION DISK. <i>Astrophysical Journal</i> , 2015, 808, 9.	4.5	105
40	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , 2012, 760, 53.	4.5	104
41	CORONA, JET, AND RELATIVISTIC LINE MODELS FOR <i>SUZAKU</i> / <i>RXTE</i> / <i>CHANDRA</i> -HETG OBSERVATIONS OF THE CYGNUS X-1 HARD STATE. <i>Astrophysical Journal</i> , 2011, 728, 13.	4.5	102
42	An evaluation of the exposure in nadir observation of the JEM-EUSO mission. <i>Astroparticle Physics</i> , 2013, 44, 76-90.	4.3	102
43	High variability in Vela X-1: giant flares and off states. <i>Astronomy and Astrophysics</i> , 2008, 492, 511-525.	5.1	99
44	Low Luminosity States of the Black Hole Candidate GX 339 [~] 4. II. Timing Analysis. <i>Astrophysical Journal</i> , 1999, 517, 355-366.	4.5	98
45	THE SOFT STATE OF CYGNUS X-1 OBSERVED WITH NuSTAR: A VARIABLE CORONA AND A STABLE INNER DISK. <i>Astrophysical Journal</i> , 2016, 826, 87.	4.5	93
46	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
47	Low Luminosity States of the Black Hole Candidate GX 339 [~] 4. I. ASCA and Simultaneous Radio/RXTE Observations. <i>Astrophysical Journal</i> , 1999, 522, 460-475.	4.5	89
48	Constraining jet/disc geometry and radiative processes in stellar black holes XTE J1118+480 and GX 339 [~] 4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1638-1650.	4.4	88
49	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014, 786, L5.	8.3	88
50	The Athena X-ray Integral Field Unit (X-IFU). <i>Proceedings of SPIE</i> , 2016, , .	0.8	88
51	<i>NuSTAR</i> DISCOVERY OF A LUMINOSITY DEPENDENT CYCLOTRON LINE ENERGY IN VELA X-1. <i>Astrophysical Journal</i> , 2014, 780, 133.	4.5	86
52	Towards a Unified View of Inhomogeneous Stellar Winds in Isolated Supergiant Stars and Supergiant High Mass X-Ray Binaries. <i>Space Science Reviews</i> , 2017, 212, 59-150.	8.1	86
53	THE COMPLEX ACCRETION GEOMETRY OF GX 339 [~] 4 AS SEEN BY <i>NuSTAR</i> AND <i>SWIFT</i>. <i>Astrophysical Journal</i> , 2015, 808, 122.	4.5	84
54	Spectral analysis of 1Hâ€f0707 [~] 495 with XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1914-1921.	4.4	83

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55	TANAMI: tracking active galactic nuclei with austral milliarcsecond interferometry. <i>Astronomy and Astrophysics</i> , 2010, 519, A45.	5.1	82
56	Discovery of recurring soft-to-hard state transitions in LMC X-3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 327-340.	4.4	80
57	Long term variability of Cyg X-1. <i>Astronomy and Astrophysics</i> , 2004, 414, 1091-1104.	5.1	80
58	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 69-74.	4.1	78
59	NO TIME FOR DEAD TIME: TIMING ANALYSIS OF BRIGHT BLACK HOLE BINARIES WITH <i>NuSTAR</i> . <i>Astrophysical Journal</i> , 2015, 800, 109.	4.5	73
60	Correlated optical, X-ray, and γ -ray flaring activity seen with INTEGRAL during the 2015 outburst of V404 Cygni. <i>Astronomy and Astrophysics</i> , 2015, 581, L9.	5.1	72
61	A giant radio flare from Cygnus X-3 with associated γ -ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2947-2955.	4.4	71
62	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019, 111, 100-110.	4.3	71
63	Confirmation of two cyclotron lines in Vela X-1. <i>Astronomy and Astrophysics</i> , 2002, 395, 129-140.	5.1	71
64	The variable cyclotron line in GX 301-2. <i>Astronomy and Astrophysics</i> , 2004, 427, 975-986.	5.1	71
65	<i>CHANDRA</i> X-RAY SPECTROSCOPY OF THE FOCUSED WIND IN THE CYGNUS X-1 SYSTEM. I. THE NONDIP SPECTRUM IN THE LOW/HARD STATE. <i>Astrophysical Journal</i> , 2009, 690, 330-346.	4.5	71
66	Discovery of a Third Harmonic Cyclotron Resonance Scattering Feature in the X-Ray Spectrum of 4U 0115+63. <i>Astrophysical Journal</i> , 1999, 521, L49-L53.	4.5	70
67	Crab: the standard x-ray candle with all (modern) x-ray satellites. , 2005, , .		67
68	A highly magnetized twin-jet base pinpoints a supermassive black hole. <i>Astronomy and Astrophysics</i> , 2016, 593, A47.	5.1	65
69	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2013, 554, A88.	5.1	64
70	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , 2018, 868, L20.	8.3	64
71	Outburst of GX 304-1 monitored with INTEGRAL: positive correlation between the cyclotron line energy and flux. <i>Astronomy and Astrophysics</i> , 2012, 542, L28.	5.1	64
72	Pulse Phase-Resolved Analysis of the High-Mass X-Ray Binary Centaurus X-3 over Two Binary Orbits. <i>Astrophysical Journal</i> , 2008, 675, 1487-1498.	4.5	64

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73	X-ray variation statistics and wind clumping in Vela X-1. <i>Astronomy and Astrophysics</i> , 2010, 519, A37.	5.1	63
74	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 224-230.	4.1	63
75	No anticorrelation between cyclotron line energy and X-ray flux in 4U 0115+634. <i>Astronomy and Astrophysics</i> , 2013, 551, A6.	5.1	63
76	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2014, 565, A1.	5.1	63
77	4U 0535+26 in the August/September 2005 outburst observed by RXTE and INTEGRAL. <i>Astronomy and Astrophysics</i> , 2007, 465, L21-L24.	5.1	62
78	RXTE Discovery of Multiple Cyclotron Lines during the 2004 December Outburst of V0332+53. <i>Astrophysical Journal</i> , 2005, 634, L97-L100.	4.5	61
79	INTEGRAL observation of the high-mass X-ray transient V0332+53 during the 2005 outburst decline. <i>Astronomy and Astrophysics</i> , 2006, 451, 187-194.	5.1	61
80	INTEGRAL observations of Hercules X-1. <i>Astronomy and Astrophysics</i> , 2008, 482, 907-915.	5.1	61
81	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017, 96, .	4.7	60
82	Rossi X-Ray Timing Explorer Observation of Cygnus X-1. III. Implications for Compton Corona and Advection-dominated Accretion Flow Models. <i>Astrophysical Journal</i> , 1999, 515, 726-737.	4.5	60
83	Self-consistent Thermal Accretion Disk Corona Models for Compact Objects. I. Properties of the Corona and the Spectrum of Escaping Radiation. <i>Astrophysical Journal</i> , 1997, 487, 747-758.	4.5	58
84	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. <i>PLoS ONE</i> , 2013, 8, e67523.	2.5	58
85	Implications of the Warm Corona and Relativistic Reflection Models for the Soft Excess in Mrk 509. <i>Astrophysical Journal</i> , 2019, 871, 88.	4.5	58
86	Discovery of a Cyclotron Resonant Scattering Feature in the Rossi X-Ray Timing Explorer Spectrum of 4U 0352+309 (X Persei). <i>Astrophysical Journal</i> , 2001, 552, 738-747.	4.5	57
87	A good long look at the black hole candidates LMC X-1 and LMC X-3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 320, 316-326.	4.4	57
88	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , 2013, 559, A9.	5.1	57
89	TANAMI monitoring of Centaurus A: The complex dynamics in the inner parsec of an extragalactic jet. <i>Astronomy and Astrophysics</i> , 2014, 569, A115.	5.1	57
90	NON-LOCAL THERMAL EQUILIBRIUM MODEL ATMOSPHERES FOR THE HOTTEST WHITE DWARFS: SPECTRAL ANALYSIS OF THE COMPACT COMPONENT IN NOVA V4743 Sgr. <i>Astrophysical Journal</i> , 2010, 717, 363-371.	4.5	56

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91	ON THE ROLE OF THE ACCRETION DISK IN BLACK HOLE DISK-JET CONNECTIONS. <i>Astrophysical Journal</i> , 2012, 757, 11.	4.5	56
92	THE SMOOTH CYCLOTRON LINE IN HER X-1 AS SEEN WITH NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY. <i>Astrophysical Journal</i> , 2013, 779, 69.	4.5	54
93	eROSITA on SRG. <i>Proceedings of SPIE</i> , 2010, , .	0.8	53
94	USING THE X-RAY DUST SCATTERING HALO OF CYGNUS X-1 TO DETERMINE DISTANCE AND DUST DISTRIBUTIONS. <i>Astrophysical Journal</i> , 2011, 738, 78.	4.5	53
95	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 249-254.	4.1	52
96	Is the "æR Coincidence" Just That?. <i>Astrophysical Journal</i> , 2005, 626, 1006-1014.	4.5	51
97	Measurement of the atmospheric $\hat{1}\frac{1}{2}$ $\hat{1}\frac{1}{4}$ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	51
98	SPECTRAL STATE DEPENDENCE OF THE 0.4-2 MEV POLARIZED EMISSION IN CYGNUS X-1 SEEN WITH INTEGRAL/IBIS, AND LINKS WITH THE AMI RADIO DATA. <i>Astrophysical Journal</i> , 2015, 807, 17.	4.5	51
99	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2004, 425, 1061-1068.	5.1	51
100	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
101	A HARD X-RAY POWER-LAW SPECTRAL CUTOFF IN CENTAURUS X-4. <i>Astrophysical Journal</i> , 2014, 797, 92.	4.5	49
102	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , 2016, 823, 65.	4.5	49
103	Quasi-periodic Oscillation in Seyfert Galaxies: Significance Levels. The Case of Markarian 766. <i>Astrophysical Journal</i> , 2001, 562, L121-L124.	4.5	49
104	A MULTIWAVELENGTH STUDY OF CYGNUS X-1: THE FIRST MID-INFRARED SPECTROSCOPIC DETECTION OF COMPACT JETS. <i>Astrophysical Journal</i> , 2011, 736, 63.	4.5	48
105	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , 2012, 7, T08002-T08002.	1.2	48
106	GRIPS - Gamma-Ray Imaging, Polarimetry and Spectroscopy. <i>Experimental Astronomy</i> , 2012, 34, 551-582.	3.7	48
107	GAMMA-RAY OBSERVATIONS OF THE MICROQUASARS CYGNUS X-1, CYGNUS X-3, GRS 1915+105, AND GX 339-4 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2013, 775, 98.	4.5	47
108	TANAMI blazars in the IceCube PeV-neutrino fields. <i>Astronomy and Astrophysics</i> , 2014, 566, L7.	5.1	46

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109	Deep sea tests of a prototype of the KM3NeT digital optical module. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	46
110	Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2014, 563, A91.	5.1	45
111	The JEM-EUSO instrument. <i>Experimental Astronomy</i> , 2015, 40, 19-44.	3.7	45
112	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	45
113	BROADBAND SPECTROSCOPY USING TWO SUZAKU OBSERVATIONS OF THE HMXB GX 301â€². <i>Astrophysical Journal</i> , 2012, 745, 124.	4.5	44
114	Long-term change in the cyclotron line energy in Hercules X-1. <i>Astronomy and Astrophysics</i> , 2014, 572, A119.	5.1	44
115	Updating the orbital ephemeris of Hercules X-1; rate of decay and eccentricity of the orbit. <i>Astronomy and Astrophysics</i> , 2009, 500, 883-889.	5.1	43
116	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2011, 743, L14.	8.3	43
117	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2012, 35, 634-640.	4.3	43
118	ON ESTIMATING THE HIGH-ENERGY CUTOFF IN THE X-RAY SPECTRA OF BLACK HOLES VIA REFLECTION SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2015, 808, L37.	8.3	43
119	The dust-scattering component of X-ray extinction: effects on continuum fitting and high-resolution absorption edge structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1345-1351.	4.4	43
120	The Athena X-ray Integral Field Unit (X-IFU). <i>Journal of Low Temperature Physics</i> , 2018, 193, 901-907.	1.4	43
121	The broad iron K α line of Cygnus X-1 as seen by XMM-Newton in the EPIC-pn modified timing mode. <i>Astronomy and Astrophysics</i> , 2011, 533, L3.	5.1	42
122	RXTE observation of Cygnus X-1 – I. Spectral analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 729-736.	4.4	41
123	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. <i>Astrophysical Journal Letters</i> , 2018, 853, L7.	8.3	41
124	On the deep minimum state in the Seyfert galaxy MCG 6-30-15. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1153-1166.	4.4	40
125	INTEGRAL observation of the accreting pulsar GX 1+4. <i>Astronomy and Astrophysics</i> , 2007, 462, 995-1005.	5.1	40
126	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	4.7	40

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127	Temporal variations of strength and location of the South Atlantic Anomaly as measured by RXTE. <i>Earth and Planetary Science Letters</i> , 2009, 281, 125-133.	4.4	39
128	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , 2012, 35, 530-536.	4.3	39
129	<i>NuSTAR</i> DISCOVERY OF A CYCLOTRON LINE IN KS 1947+300. <i>Astrophysical Journal Letters</i> , 2014, 784, L40.	8.3	39
130	NuSTAR AND XMM-NEWTON OBSERVATIONS OF THE HARD X-RAY SPECTRUM OF CENTAURUS A. <i>Astrophysical Journal</i> , 2016, 819, 150.	4.5	39
131	A 33â€‰hour period for the Wolf-Rayet/black hole X-ray binary candidate NGC 300X-1. <i>Astronomy and Astrophysics</i> , 2007, 466, L17-L20.	5.1	39
132	Long term variability of Cygnus X-1. <i>Astronomy and Astrophysics</i> , 2015, 576, A117.	5.1	38
133	The JEM-EUSO mission: An introduction. <i>Experimental Astronomy</i> , 2015, 40, 3-17.	3.7	38
134	THE NuSTAR X-RAY SPECTRUM OF HERCULES X-1: A RADIATION-DOMINATED RADIATIVE SHOCK. <i>Astrophysical Journal</i> , 2016, 831, 194.	4.5	38
135	Disk-dominated States of 4U 1957+11: <i>Chandra</i>, <i>XMM-Newton</i>, and <i>RXTE</i> Observations of Ostensibly the Most Rapidly Spinning Galactic Black Hole. <i>Astrophysical Journal</i> , 2008, 689, 1199-1214.	4.5	37
136	The pre-outburst flare of the Aâ€‰0535+26 August/September 2005 outburst. <i>Astronomy and Astrophysics</i> , 2008, 480, L17-L20.	5.1	36
137	Reflection Spectroscopy of the Black Hole Binary XTE J1752âˆ’223 in Its Long-stable Hard State. <i>Astrophysical Journal</i> , 2018, 864, 25.	4.5	36
138	Chandra Spectral and Timing Analysis of Sgr A*'s Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019, 886, 96.	4.5	36
139	Study of the many fluorescent lines and the absorption variability in GX 301âˆ’2 with <i>XMM-Newton</i>. <i>Astronomy and Astrophysics</i> , 2011, 535, A9.	5.1	36
140	GRO J1008âˆ’57: an (almost) predictable transient X-ray binary. <i>Astronomy and Astrophysics</i> , 2013, 555, A95.	5.1	35
141	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 143-148.	4.1	35
142	THE DOUBLE-DEGENERATE NUCLEUS OF THE PLANETARY NEBULA TS 01: A CLOSE BINARY EVOLUTION SHOWCASE. <i>Astrophysical Journal</i> , 2010, 714, 178-193.	4.5	34
143	The clumpy absorber in the high-mass X-ray binary Vela X-1. <i>Astronomy and Astrophysics</i> , 2017, 608, A143.	5.1	34
144	Stability of the Cyclotron Resonance Scattering Feature in Hercules Xâ€‰1 with RXTE. <i>Astrophysical Journal</i> , 2001, 562, 499-507.	4.5	34

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145	Study of the cyclotron feature in MXB 0656-072. <i>Astronomy and Astrophysics</i> , 2006, 451, 267-272.	5.1	33
146	Dual-frequency VLBI study of Centaurus A on sub-parsec scales. <i>Astronomy and Astrophysics</i> , 2011, 530, L11.	5.1	33
147	<i>Chandra</i> X-ray spectroscopy of focused wind in the Cygnus X-1 system. <i>Astronomy and Astrophysics</i> , 2016, 590, A114.	5.1	33
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