

Diego Altamirano

List of Publications by Year in descending order

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218
papers

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citations

57758

44
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110387

64
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226
all docs

226
docs citations

226
times ranked

2946
citing authors

#	ARTICLE	IF	CITATIONS
1	The corona contracts in a black-hole transient. <i>Nature</i> , 2019, 565, 198-201.	27.8	170
2	The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , 2012, 34, 415-444.	3.7	168
3	A quasi-periodic modulation of the iron line centroid energy in the black hole binary H1743+322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1967-1980.	4.4	137
4	Discovery of Coherent Millisecond X-Ray Pulsations in Aquila X-1. <i>Astrophysical Journal</i> , 2008, 674, L41-L44.	4.5	131
5	THE FAINT "HEARTBEATS" OF IGR J17091+3624: AN EXCEPTIONAL BLACK HOLE CANDIDATE. <i>Astrophysical Journal Letters</i> , 2011, 742, L17.	8.3	123
6	Fast infrared variability from a relativistic jet in GX 339-4. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 404, L21-L25.	3.3	111
7	XTE J1701+462 AND ITS IMPLICATIONS FOR THE NATURE OF SUBCLASSES IN LOW-MAGNETIC-FIELD NEUTRON STAR LOW-MASS X-RAY BINARIES. <i>Astrophysical Journal</i> , 2010, 719, 201-212.	4.5	104
8	An Empirical Background Model for the NICER X-Ray Timing Instrument. <i>Astronomical Journal</i> , 2022, 163, 130.	4.7	103
9	BROAD RELATIVISTIC IRON EMISSION LINE OBSERVED IN SAX J1808.4+3658. <i>Astrophysical Journal</i> , 2009, 694, L21-L25.	4.5	102
10	Intermittent Millisecond X-Ray Pulsations from the Neutron Star X-Ray Transient SAX J1748.9-2021 in the Globular Cluster NGC 6440. <i>Astrophysical Journal</i> , 2008, 674, L45-L48.	4.5	93
11	X-ray Time Variability Across the Atoll Source States of 4U 1636+53. <i>Astrophysical Journal</i> , 2008, 685, 436-450.	4.5	92
12	The Destruction and Recreation of the X-Ray Corona in a Changing-look Active Galactic Nucleus. <i>Astrophysical Journal Letters</i> , 2020, 898, L1.	8.3	86
13	A radio parallax to the black hole X-ray binary MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L81-L86.	3.3	80
14	Disc-jet coupling in the 2009 outburst of the black hole candidate H1743+322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, , no-no.	4.4	77
15	The neutron star transient and millisecond pulsar in M28: from sub-luminous accretion to rotation-powered quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 251-261.	4.4	75
16	Discovery of Twin kHz QPOs in the Peculiar X-ray Binary Circinus X-1. <i>Astrophysical Journal</i> , 2006, 653, 1435-1444.	4.5	75
17	Low-level accretion in neutron star X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 1371-1386.	4.4	71
18	DISCOVERY OF A SECOND TRANSIENT LOW-MASS X-RAY BINARY IN THE GLOBULAR CLUSTER NGC 6440. <i>Astrophysical Journal</i> , 2010, 714, 894-903.	4.5	69

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19	THE VARIABLE QUIESCENT X-RAY EMISSION OF THE TRANSIENT NEUTRON STAR XTE J1701â€“462. <i>Astrophysical Journal</i> , 2011, 736, 162.	4.5	68
20	Diskâ€“Jet Coupling in the 2017/2018 Outburst of the Galactic Black Hole Candidate X-Ray Binary MAXI J1535â€“571. <i>Astrophysical Journal</i> , 2019, 883, 198.	4.5	67
21	A rapidly changing jet orientation in the stellar-mass black-hole system V404 Cygni. <i>Nature</i> , 2019, 569, 374-377.	27.8	67
22	MILLIHERTZ QUASI-PERIODIC OSCILLATIONS AND THERMONUCLEAR BURSTS FROM TERZAN 5: A SHOWCASE OF BURNING REGIMES. <i>Astrophysical Journal</i> , 2012, 748, 82.	4.5	67
23	DISCOVERY OF THE THIRD TRANSIENT X-RAY BINARY IN THE GALACTIC GLOBULAR CLUSTER TERZAN 5. <i>Astrophysical Journal</i> , 2014, 780, 127.	4.5	66
24	Tomographic reflection modelling of quasi-periodic oscillations in the black hole binary H 1743âˆ“322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2979-2991.	4.4	66
25	AN EVOLVING COMPACT JET IN THE BLACK HOLE X-RAY BINARY MAXI J1836â€“194. <i>Astrophysical Journal Letters</i> , 2013, 768, L35.	8.3	65
26	RAPID COOLING OF THE NEUTRON STAR IN THE QUIESCENT SUPER-EDDINGTON TRANSIENT XTE J1701â€“462. <i>Astrophysical Journal</i> , 2010, 714, 270-286.	4.5	63
27	EVOLUTION OF THE RADIO-X-RAY COUPLING THROUGHOUT AN ENTIRE OUTBURST OF AQUILA X-1. <i>Astrophysical Journal Letters</i> , 2010, 716, L109-L114.	8.3	63
28	DISCOVERY OF A 205.89 Hz ACCRETING MILLISECOND X-RAY PULSAR IN THE GLOBULAR CLUSTER NGC 6440. <i>Astrophysical Journal Letters</i> , 2010, 712, L58-L62.	8.3	62
29	An elevation of 0.1 light-seconds for the optical jet base in an accreting Galactic black hole system. <i>Nature Astronomy</i> , 2017, 1, 859-864.	10.1	59
30	A NICER Spectrum of MAXI J1535â€“571: Near-maximal Black Hole Spin and Potential Disk Warping. <i>Astrophysical Journal Letters</i> , 2018, 860, L28.	8.3	57
31	The Comptonizing medium of the neutron star in 4U 1636âˆ“53 through its lower kilohertz quasi-periodic oscillations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1399-1415.	4.4	57
32	A strong and broad Fe line in the XMM-Newton spectrum of the new X-ray transient and black hole candidate XTEâ€“J1652âˆ“453. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 137-150.	4.4	56
33	DISCOVERY OF HIGH-FREQUENCY QUASI-PERIODIC OSCILLATIONS IN THE BLACK HOLE CANDIDATE IGR J17091â€“3624. <i>Astrophysical Journal Letters</i> , 2012, 747, L4.	8.3	56
34	Discovery of Kilohertz Quasiâ€“periodic Oscillations and Shifted Frequency Correlations in the Accreting Millisecond Pulsar XTE J1807âˆ“294. <i>Astrophysical Journal</i> , 2005, 634, 1250-1260.	4.5	55
35	A two-component Comptonization model for the type-B QPO in MAXI J1348âˆ“630. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3173-3182.	4.4	53
36	Furiously fast and red: sub-second optical flaring in V404âˆ“Cyg during the 2015 outburst peak. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 554-572.	4.4	52

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37	X-RAY EMISSION AND ABSORPTION FEATURES DURING AN ENERGETIC THERMONUCLEAR X-RAY BURST FROM IGR J17062+6143. <i>Astrophysical Journal Letters</i> , 2013, 767, L37.	8.3	50
38	Radio monitoring of the hard state jets in the 2011 outburst of MAXI J1836+194. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1745-1759.	4.4	50
39	THE 2015 DECAY OF THE BLACK HOLE X-RAY BINARY V404 CYGNI: ROBUST DISK-JET COUPLING AND A SHARP TRANSITION INTO QUIESCENCE. <i>Astrophysical Journal</i> , 2017, 834, 104.	4.5	50
40	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
41	A Rapid Change in X-Ray Variability and a Jet Ejection in the Black Hole Transient MAXI J1820+070. <i>Astrophysical Journal Letters</i> , 2020, 891, L29.	8.3	50
42	Millihertz Oscillation Frequency Drift Predicts the Occurrence of Type I X-Ray Bursts. <i>Astrophysical Journal</i> , 2008, 673, L35-L38.	4.5	48
43	Swift observations of V404 Cyg during the 2015 outburst: X-ray outflows from super-Eddington accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1797-1818.	4.4	47
44	An in-depth study of a neutron star accreting at low Eddington rate: on the possibility of a truncated disc and an outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 398-409.	4.4	46
45	Coupling between the accreting corona and the relativistic jet in the microquasar GRS 1915+105. <i>Nature Astronomy</i> , 2022, 6, 577-583.	10.1	46
46	Time lags of the type-B quasi-periodic oscillation in MAXI J1348+630. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4366-4371.	4.4	45
47	IMPLICATIONS OF BURST OSCILLATIONS FROM THE SLOWLY ROTATING ACCRETING PULSAR IGR J17480+2446 IN THE GLOBULAR CLUSTER TERZAN 5. <i>Astrophysical Journal Letters</i> , 2011, 740, L8.	8.3	43
48	The long-term evolution of the accreting millisecond X-ray pulsar Swift J1756.9+2508. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 1426-1432.	4.4	42
49	A complex state transition from the black hole candidate Swift J1753.5+0127. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1244-1257.	4.4	42
50	PHASE-COHERENT TIMING OF THE ACCRETING MILLISECOND PULSAR SAX J1748.9+2021. <i>Astrophysical Journal</i> , 2009, 690, 1856-1865.	4.5	41
51	THE RETURN OF THE BURSTS: THERMONUCLEAR FLASHES FROM CIRCINUS X-1. <i>Astrophysical Journal Letters</i> , 2010, 719, L84-L89.	8.3	41
52	CONTINUED NEUTRON STAR CRUST COOLING OF THE 11 Hz X-RAY PULSAR IN TERZAN 5: A CHALLENGE TO HEATING AND COOLING MODELS?. <i>Astrophysical Journal</i> , 2013, 775, 48.	4.5	41
53	Neutron star crust cooling in the Terzan 5 X-ray transient Swift J174805.3+244637. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2071-2081.	4.4	40
54	The kilohertz quasi-periodic oscillations during the Z and atoll phases of the unique transient XTE J1701+462. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 408, 622-630.	4.4	39

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55	A NICER Thermonuclear Burst from the Millisecond X-Ray Pulsar SAX J1808.4-3658. <i>Astrophysical Journal Letters</i> , 2019, 885, L1.	8.3	39
56	The phase lags of high-frequency quasi-periodic oscillations in four black hole candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2132-2140.	4.4	38
57	The reproducible radio outbursts of SS Cygni. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3720-3732.	4.4	38
58	NICER observations reveal that the X-ray transient MAXI J1348-630 is a black hole X-ray binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 851-861.	4.4	38
59	The 2019 super-Eddington outburst of RX J0209.6-7427: detection of pulsations and constraints on the magnetic field strength. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5350-5359.	4.4	38
60	The cooling phase of Type I X-ray bursts in 4U 1636-53. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1913-1921.	4.4	37
61	High-frequency quasi-periodic oscillations from GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 10-18.	4.4	36
62	A NICER Discovery of a Low-frequency Quasi-periodic Oscillation in the Soft-intermediate State of MAXI J1535-571. <i>Astrophysical Journal Letters</i> , 2018, 865, L15.	8.3	36
63	The soft state of the black hole transient source MAXI J1820+070: emission from the edge of the plunge region?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5389-5396.	4.4	36
64	TYPE I X-RAY BURSTS FROM THE NEUTRON-STAR TRANSIENT XTE J1701-462. <i>Astrophysical Journal</i> , 2009, 699, 60-65.	4.5	35
65	Constraining the properties of neutron star crusts with the transient low-mass X-ray binary Aql X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4001-4014.	4.4	35
66	Discovery of 105 Hz coherent pulsations in the ultracompact binary IGR J16597-3704. <i>Astronomy and Astrophysics</i> , 2018, 610, L2.	5.1	35
67	SAX J1808.4-3658: high-resolution spectroscopy and decrease of pulsed fraction at low energies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 396, L51-L55.	3.3	34
68	Broad iron line in the fast spinning neutron-star system 4U 1636-53. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1144-1161.	4.4	34
69	Disc-jet coupling in the Terzan 5 neutron star X-ray binary EXO 1745-248. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 345-355.	4.4	34
70	A variable corona for GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5522-5533.	4.4	34
71	Type I X-ray bursts and burst oscillations in the accreting millisecond X-ray pulsar IGR J17511-3057. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1136-1145.	4.4	33
72	THE X-RAY PROPERTIES OF THE BLACK HOLE TRANSIENT MAXI J1659-152 IN QUIESCENCE. <i>Astrophysical Journal</i> , 2013, 775, 9.	4.5	33

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73	Disc reflection and a possible disc wind during a soft X-ray state in the neutron star low-mass X-ray binary 1RXS J180408.9â€“342058. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4049-4058.	4.4	32
74	The 450 Day X-Ray Monitoring of the Changing-look AGN 1ES 1927+654. Astrophysical Journal, Supplement Series, 2021, 255, 7.	7.7	32
75	A very rare triple-peaked type-I X-ray burst in the low-mass X-ray binary 4U 1636âˆ“53. Monthly Notices of the Royal Astronomical Society, 2009, 398, 368-374.	4.4	30
76	Broad-band monitoring tracing the evolution of the jet and disc in the black hole candidate X-ray binary MAXI J1659âˆ“152. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2625-2638.	4.4	30
77	An X-ray view of the very faint black hole X-ray transient Swift J1357.2â€“0933 during its 2011 outburst. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3908-3915.	4.4	30
78	The evolution of the X-ray phase lags during the outbursts of the black hole candidate GX 339â€“4. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4027-4037.	4.4	30
79	Jet quenching in the neutron star low-mass X-ray binary 1RXS J180408.9âˆ“342058. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1871-1880.	4.4	30
80	The very faint X-ray binary IGR J17062-6143: a truncated disc, no pulsations, and a possible outflow. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2027-2044.	4.4	30
81	An Evolving Broad Iron Line from the First Galactic Ultraluminous X-Ray Pulsar Swift J0243.6+6124. Astrophysical Journal, 2019, 885, 18.	4.5	30
82	A systematic analysis of the phase lags associated with the type-C quasi-periodic oscillation in GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1375-1386.	4.4	30
83	The Island State of the Atoll Source 4U 1820âˆ“30. Astrophysical Journal, 2005, 633, 358-366.	4.5	29
84	DISCOVERY OF AN ACCRETING MILLISECOND PULSAR IN THE ECLIPSING BINARY SYSTEM SWIFT J1749.4â€“2807. Astrophysical Journal Letters, 2011, 727, L18.	8.3	29
85	LOW-FREQUENCY QUASI-PERIODIC OSCILLATION FROM THE 11 Hz ACCRETING PULSAR IN TERZAN 5: NOT FRAME DRAGGING. Astrophysical Journal Letters, 2012, 759, L20.	8.3	29
86	LOFT: the Large Observatory For X-ray Timing. Proceedings of SPIE, 2012, , .	0.8	29
87	The evolving polarized jet of black hole candidate Swift J1745âˆ“26. Monthly Notices of the Royal Astronomical Society, 2013, 437, 3265-3273.	4.4	29
88	THE IDENTIFICATION OF MAXI J1659-152 AS A BLACK HOLE CANDIDATE. Astrophysical Journal Letters, 2011, 731, L2.	8.3	28
89	LOW-FREQUENCY (11 mHz) OSCILLATIONS IN H1743-322: A NEW CLASS OF BLACK HOLE QUASI-PERIODIC OSCILLATIONS?. Astrophysical Journal Letters, 2012, 754, L23.	8.3	28
90	A superburst candidate in EXO 1745âˆ“248 as a challenge to thermonuclear ignition models. Monthly Notices of the Royal Astronomical Society, 2012, 426, 927-934.	4.4	28

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91	The Evolution of the Phase Lags Associated with the Type-C Quasi-periodic Oscillation in GX 339â€“4 during the 2006/2007 Outburst. <i>Astrophysical Journal</i> , 2017, 845, 143.	4.5	28
92	Phase-resolved spectroscopy of a quasi-periodic oscillation in the black hole X-ray binary GRSâˆ“1915+105 with <i>NICER</i> and <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 255-279.	4.4	28
93	The evolving properties of the corona of GRS 1915+105: a spectral-timing perspective through variable-Comptonization modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4196-4207.	4.4	28
94	The <i>NICER</i> “Reverberation Machine”: A Systematic Study of Time Lags in Black Hole X-Ray Binaries. <i>Astrophysical Journal</i> , 2022, 930, 18.	4.5	28
95	<i>NuSTAR</i> and <i>NICER</i> reveal IGR J17591â€“2342 as a new accreting millisecond X-ray pulsar. <i>Astronomy and Astrophysics</i> , 2018, 617, L8.	5.1	27
96	Tracking the variable jets of V404 Cygni during its 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2950-2972.	4.4	27
97	A <i>NICER</i> look at the state transitions of the black hole candidate MAXIâˆ“J1535âˆ“571 during its reflares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1001-1012.	4.4	27
98	The Evolution of the Broadband Temporal Features Observed in the Black-hole Transient MAXI J1820+070 with <i>Insight-HXMT</i> . <i>Astrophysical Journal</i> , 2020, 896, 33.	4.5	27
99	Discovery of a 34â€“Hz quasi-periodic oscillation in the X-ray emission of GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 19-22.	4.4	26
100	A low-luminosity soft state in the short-period black hole X-ray binary Swift J1753.5-0127. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 1636-1644.	4.4	26
101	Probing the effects of a thermonuclear X-ray burst on the neutron star accretion flow with <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4256-4265.	4.4	26
102	Resolved, expanding jets in the Galactic black hole candidate XTEâˆ“J1908+094. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2788-2802.	4.4	25
103	Anti-glitches in the Ultraluminous Accreting Pulsar NGC 300 ULX-1 Observed with <i>NICER</i> . <i>Astrophysical Journal</i> , 2019, 879, 130.	4.5	25
104	The evolution of the corona in MAXIâˆ“J1535âˆ“571 through type-C quasi-periodic oscillations with <i>Insight-HXMT</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2686-2696.	4.4	25
105	Investigating the disc-jet coupling in accreting compact objects using the black hole candidate Swift J1753.5âˆ“0127. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , no-no.	4.4	24
106	THE PECULIAR GALACTIC CENTER NEUTRON STAR X-RAY BINARY XMM J174457-2850.3. <i>Astrophysical Journal</i> , 2014, 792, 109.	4.5	24
107	Truncation of the Accretion Disk at One-third of the Eddington Limit in the Neutron Star Low-mass X-Ray Binary Aquila X-1. <i>Astrophysical Journal</i> , 2017, 847, 135.	4.5	24
108	Different Accretion Heating of the Neutron Star Crust during Multiple Outbursts in MAXI J0556â€“332. <i>Astrophysical Journal Letters</i> , 2017, 851, L28.	8.3	24

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109	Rapid compact jet quenching in the Galactic black hole candidate X-ray binary MAXI J1535-571. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5772-5785.	4.4	24
110	A persistent ultraviolet outflow from an accreting neutron star binary transient. Nature, 2022, 603, 52-57.	27.8	24
111	Type I X-ray bursts, burst oscillations and kHz quasi-periodic oscillations in the neutron star system IGR J17191-2821. Monthly Notices of the Royal Astronomical Society, 2010, 401, 223-230.	4.4	23
112	THE OPTICAL-UV EMISSION OF QUASARS: DEPENDENCE ON BLACK HOLE MASS AND RADIO LOUDNESS. Astrophysical Journal Letters, 2016, 818, L1.	8.3	23
113	An atlas of exotic variability in IGR J17091-3624: a comparison with GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4748-4771.	4.4	23
114	Assessing Quasi-Periodicities in Jovian X-Ray Emissions: Techniques and Heritage Survey. Journal of Geophysical Research: Space Physics, 2018, 123, 9204-9221.	2.4	23
115	Evidence for a compact object in the aftermath of the extragalactic transient AT2018cow. Nature Astronomy, 2022, 6, 249-258.	10.1	23
116	DISCOVERY OF BURST OSCILLATIONS IN THE INTERMITTENT ACCRETION-POWERED MILLISECOND PULSAR HETE J1900.1-2455. Astrophysical Journal, 2009, 698, L174-L177.	4.5	22
117	The evolving jet spectrum of the neutron star X-ray binary Aql X-1 in transitional states during its 2016 outburst. Astronomy and Astrophysics, 2018, 616, A23.	5.1	22
118	The Changing-look Optical Wind of the Flaring X-Ray Transient Swift J1858.6-0814. Astrophysical Journal Letters, 2020, 893, L19.	8.3	22
119	Disc-jet quenching of the galactic black hole Swift J1753.5-0127. Monthly Notices of the Royal Astronomical Society, 2016, 463, 628-634.	4.4	21
120	Discovery of thermonuclear (Type I) X-ray bursts in the X-ray binary Swift J1858.6-0814 observed with <i>NICER</i> and <i>NuSTAR</i> . Monthly Notices of the Royal Astronomical Society, 2020, 499, 793-803.	4.4	21
121	Very hard states in neutron star low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3979-3984.	4.4	20
122	NuSTAR reveals the hidden nature of SS433. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1045-1058.	4.4	20
123	<i>NICER</i> uncovers the transient nature of the type-B quasi-periodic oscillation in the black hole candidate MAXI J1348-630. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3823-3843.	4.4	20
124	The time derivative of the kilohertz quasi-periodic oscillations in 4U 1636-53. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2936-2942.	4.4	19
125	VERY LARGE TELESCOPE/X-SHOOTER SPECTROSCOPY OF THE CANDIDATE BLACK HOLE X-RAY BINARY MAXI J1659-152 IN OUTBURST. Astrophysical Journal Letters, 2012, 746, L23.	8.3	18
126	AstroSat and Chandra View of the High Soft State of 4U 1630-47 (4U 1630-472): Evidence of the Disk Wind and a Rapidly Spinning Black Hole. Astrophysical Journal, 2018, 867, 86.	4.5	18

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127	The reflection spectrum of the low-mass X-ray binary 4U 1636âˆ“53. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2256-2264.	4.4	17
128	Failed-transition outbursts in black hole low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5507-5522.	4.4	17
129	X-RAY OUTBURSTS OF ESO 243-49 HLX-1: COMPARISON WITH GALACTIC LOW-MASS X-RAY BINARY TRANSIENTS. Astrophysical Journal, 2015, 811, 23.	4.5	16
130	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
131	Lord of the Rings â€“ Return of the King: <i>Swift</i>-XRT observations of dust scattering rings around V404 Cygni. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1847-1863.	4.4	16
132	NICER Discovers mHz Oscillations in the â€œClockedâ€•Burster GS 1826âˆ“238. Astrophysical Journal, 2018, 865, 63.	4.5	16
133	Chandra Observations of Jupiter's Xâ€ray Auroral Emission During Juno Apojove 2017. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006262.	3.6	16
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