

Silvia Zane

List of Publications by Year in descending order

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papers

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47006

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times ranked

3746
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and non-thermal X-ray emission from the rotation-powered radio/γ-ray pulsar PSR J1740+1000. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3113-3121.	4.4	9
2	The first seven months of the 2020 X-ray outburst of the magnetar SGR J1935+2154. Monthly Notices of the Royal Astronomical Society, 2022, 516, 602-616.	4.4	4
3	The New Magnetar SGR J1830+0645 in Outburst. Astrophysical Journal Letters, 2021, 907, L34.	8.3	14
4	GrailQuest and HERMES: hunting for gravitational wave electromagnetic counterparts and probing space-time quantum foam. , 2021, , .		5
5	Super-eddington emission from accreting, highly magnetized neutron stars with a multipolar magnetic field. Monthly Notices of the Royal Astronomical Society, 2021, 504, 701-715.	4.4	16
6	PHEMTO: the polarimetric high energy modular telescope observatory. Experimental Astronomy, 2021, 51, 1143-1173.	3.7	0
7	The X-ray evolution and geometry of the 2018 outburst of XTE J1810+197. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5244-5257.	4.4	8
8	X-Ray Emission from Isolated Neutron Stars Revisited: 3D Magnetothermal Simulations. Astrophysical Journal, 2021, 914, 118.	4.5	15
9	Gamma ray burst studies with THESEUS. Experimental Astronomy, 2021, 52, 277-308.	3.7	9
10	Gamma-ray astrophysics in the MeV range. Experimental Astronomy, 2021, 51, 1225-1254.	3.7	22
11	Exploration of the high-redshift universe enabled by THESEUS. Experimental Astronomy, 2021, 52, 219-244.	3.7	12
12	GrailQuest: hunting for atoms of space and time hidden in the wrinkle of Space-Time. Experimental Astronomy, 2021, 51, 1255-1297.	3.7	7
13	Multi-messenger astrophysics with THESEUS in the 2030s. Experimental Astronomy, 2021, 52, 245-275.	3.7	12
14	Time domain astronomy with the THESEUS satellite. Experimental Astronomy, 2021, 52, 309-406.	3.7	7
15	NICER Study of Pulsed Thermal X-Rays from Calvera: A Neutron Star Born in the Galactic Halo?. Astrophysical Journal, 2021, 922, 253.	4.5	8
16	Orbital spin dynamics of a millisecond pulsar around a massive BH with a general mass quadrupole. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5421-5431.	4.4	8
17	Gravitational burst radiation from pulsars in the Galactic centre and stellar clusters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 600-613.	4.4	5
18	A Very Young Radio-loud Magnetar. Astrophysical Journal Letters, 2020, 896, L30.	8.3	36

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19	X-ray spectra and polarization from magnetar candidates. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5057-5074.	4.4	24
20	The X-Ray Outburst of the Galactic Center Magnetar over Six Years of Chandra Observations. Astrophysical Journal, 2020, 894, 159.	4.5	8
21	Three-dimensional Modeling of the Magnetothermal Evolution of Neutron Stars: Method and Test Cases. Astrophysical Journal, 2020, 903, 40.	4.5	30
22	Radio timing in a millisecond pulsar â€œ extreme/intermediate mass ratio binary system. Astronomy and Astrophysics, 2020, 644, A167.	5.1	5
23	Physics and astrophysics of strong magnetic field systems with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	17
24	A deep <i>XMM-Newton</i> look on the thermally emitting isolated neutron star RX J1605.3+3249. Astronomy and Astrophysics, 2019, 623, A73.	5.1	14
25	The multi-outburst activity of the magnetar in WesterlundÂl. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2931-2943.	4.4	7
26	Pulsar timing in extreme mass ratio binaries: a general relativistic approach. Monthly Notices of the Royal Astronomical Society, 2019, 486, 360-377.	4.4	16
27	Atmosphere of strongly magnetized neutron stars heated by particle bombardment. Monthly Notices of the Royal Astronomical Society, 2019, 483, 599-613.	4.4	23
28	Spatial dispersion of light rays propagating through a plasma in Kerr spaceâ€œtime. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2411-2419.	4.4	19
29	Detailed X-ray spectroscopy of the magnetar 1E 2259+586. Astronomy and Astrophysics, 2019, 626, A39.	5.1	8
30	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	50
31	Dense matter with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	81
32	The enhanced X-ray Timing and Polarimetry missionâ€œeXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	178
33	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	6.7	177
34	STROBE-X: a probe-class mission for x-ray spectroscopy and timing on timescales from microseconds to years. , 2018, , .		13
35	The large area detector onboard the eXTP mission. , 2018, , .		9
36	Evidence for vacuum birefringence from the first optical-polarimetry measurement of the isolated neutron star RXÂl1856.5âˆ’3754. Monthly Notices of the Royal Astronomical Society, 2017, 465, 492-500.	4.4	115

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37	STROBE-X: X-ray timing and spectroscopy on dynamical timescales from microseconds to years. Results in Physics, 2017, 7, 3704-3705.	4.1	11
38	Chandra monitoring of the Galactic Centre magnetar SGR J1745-2900 during the initial 3.5 years of outburst decay. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1819-1829.	4.4	28
39	Vacuum birefringence and X-ray polarimetry in transient magnetars. Journal of Physics: Conference Series, 2017, 932, 012024.	0.4	2
40	Phase-dependent absorption features in X-ray spectra of X-ray Dim Isolated Neutron Stars. Journal of Physics: Conference Series, 2017, 932, 012007.	0.4	0
41	Narrow phase-dependent features in X-ray dim isolated neutron stars: a new detection and upper limits. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2975-2983.	4.4	28
42	GRB 130831A: Rise and demise of a magnetar at $z = 0.5$. , 2017, , .		0
43	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
44	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
45	The on-board calibration system of the X-ray Imaging Polarimetry Explorer (XIPE). Proceedings of SPIE, 2016, , .	0.8	0
46	Large Observatory for x-ray Timing (LOFT-P): a Probe-class mission concept study. Proceedings of SPIE, 2016, , .	0.8	4
47	Evidence for the magnetar nature of 1E 161348-5055 in RCW 103. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2394-2404.	4.4	49
48	The LOFT mission concept: a status update. Proceedings of SPIE, 2016, , .	0.8	9
49	Polarized thermal emission from X-ray dim isolated neutron stars: the case of RX J1856.5-3754. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3585-3595.	4.4	39
50	The outburst decay of the low magnetic field magnetar SWIFT J1822.3-1606: phase-resolved analysis and evidence for a variable cyclotron feature. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4145-4155.	4.4	40
51	The variable spin-down rate of the transient magnetar XTE J1810-197. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2088-2093.	4.4	24
52	The discovery, monitoring and environment of SGR J1935+2154. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3448-3456.	4.4	98
53	The central engine of GRB 130831A and the energy breakdown of a relativistic explosion. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1027-1042.	4.4	21
54	Polarization of neutron star surface emission: a systematic analysis. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3254-3266.	4.4	40

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55	Magnetars: the physics behind observations. A review. Reports on Progress in Physics, 2015, 78, 116901.	20.1	305
56	The X-ray outburst of the Galactic Centre magnetar SGR J1745-2900 during the first 1.5 year. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2685-2699.	4.4	45
57	The optical rebrightening of GRB100814A: an interplay of forward and reverse shocks?. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1024-1042.	4.4	14
58	XMM-Newton reveals a candidate period for the spin of the "Magnificent Seven" neutron star RX J1605.3+3249. Astronomy and Astrophysics, 2014, 563, A50.	5.1	21
59	Baseline design of the filters for the LAD detector on board LOFT. Proceedings of SPIE, 2014, , .	0.8	1
60	The large area detector of LOFT: the Large Observatory for X-ray Timing. , 2014, , .		5
61	Optimisation of the design for the LOFT large area detector module. Proceedings of SPIE, 2014, , .	0.8	0
62	A phase-variable absorption feature in the X-ray spectrum of the magnetar SGR 0418+5729. Astronomische Nachrichten, 2014, 335, 274-279.	1.2	2
63	Quiescent state and outburst evolution of SGR 0501+4516. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3291-3298.	4.4	26
64	Pulse phase-coherent timing and spectroscopy of CXOU J164710.2-45521 outbursts. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1305-1316.	4.4	18
65	The Large Observatory for x-ray timing. Proceedings of SPIE, 2014, , .	0.8	10
66	Searching for small-scale diffuse emission around SGR 1806-20. Journal of High Energy Astrophysics, 2014, 3-4, 41-46.	6.7	6
67	LOFT " Large Observatory for X-ray Timing. Journal of Instrumentation, 2014, 9, C12003-C12003.	1.2	5
68	The LOFT ground segment. Proceedings of SPIE, 2014, , .	0.8	0
69	The design of the wide field monitor for the LOFT mission. , 2014, , .		1
70	Highly ionized Fe K emission lines from the LINER galaxy M 81 (Corrigendum). Astronomy and Astrophysics, 2014, 565, C1.	5.1	0
71	A variable absorption feature in the X-ray spectrum of a magnetar. Nature, 2013, 500, 312-314.	27.8	157
72	XIPE: the X-ray imaging polarimetry explorer. Experimental Astronomy, 2013, 36, 523-567.	3.7	103

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73	X-ray and radio observations of the magnetar Swift J1834.9+0846 and its dust-scattering halo. Monthly Notices of the Royal Astronomical Society, 2013, 429, 3123-3132.	4.4	27
74	A STRONGLY MAGNETIZED PULSAR WITHIN THE GRASP OF THE MILKY WAY'S SUPERMASSIVE BLACK HOLE. Astrophysical Journal Letters, 2013, 775, L34.	8.3	96
75	THE OUTBURST DECAY OF THE LOW MAGNETIC FIELD MAGNETAR SGR 0418+5729. Astrophysical Journal, 2013, 770, 65.	4.5	109
76	The birthplace and age of the isolated neutron star RX J1856.5-3754. Monthly Notices of the Royal Astronomical Society, 2013, 429, 3517-3521.	4.4	22
77	A large area detector proposed for the Large Observatory for X-ray Timing (LOFT). , 2012, , .		15
78	The on-board data handling concept for the LOFT large area detector. Proceedings of SPIE, 2012, , .	0.8	1
79	The influence of magnetic field geometry on magnetars X-ray spectra. Journal of Physics: Conference Series, 2012, 342, 012013.	0.4	3
80	A NEW LOW MAGNETIC FIELD MAGNETAR: THE 2011 OUTBURST OF SWIFT J1822.3-1606. Astrophysical Journal, 2012, 754, 27.	4.5	116
81	Magnetar X-ray emission mechanisms. Proceedings of the International Astronomical Union, 2012, 8, 160-160.	0.0	0
82	A new low-B magnetar: Swift J1822.3-1606. Proceedings of the International Astronomical Union, 2012, 8, 353-355.	0.0	0
83	ORIGIN: metal creation and evolution from the cosmic dawn. Experimental Astronomy, 2012, 34, 519-549.	3.7	6
84	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	3.7	168
85	The continued spectral and temporal evolution of RX J0720.4-3125. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1194-1199.	4.4	18
86	Calibration strategies for the LAD instrument on-board LOFT. Proceedings of SPIE, 2012, , .	0.8	1
87	Accelerator experiments with soft protons and hyper-velocity dust particles: application to ongoing projects of future x-ray missions. , 2012, , .		0
88	LOFT: the Large Observatory For X-ray Timing. Proceedings of SPIE, 2012, , .	0.8	29
89	A time-variable, phase-dependent emission line in the X-ray spectrum of the isolated neutron star RX J0822.2+4300. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 421, L72-L76.	3.3	17
90	LOFT: Large Observatory For X-Ray Timing. Proceedings of the International Astronomical Union, 2011, 7, 372-375.	0.0	3

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91	IS SGR 0418+5729 INDEED A WANING MAGNETAR?. <i>Astrophysical Journal</i> , 2011, 740, 105.	4.5	69
92	Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1E1547.0-5408. <i>Astronomy and Astrophysics</i> , 2011, 529, A19.	5.1	41
93	VLT/FORS2 observations of the optical counterpart of the isolated neutron star RBS1774. <i>Astronomy and Astrophysics</i> , 2011, 530, A39.	5.1	3
94	A Statistical Comparison of the Optical-UV and X-ray GRB Afterglows Observed using the Swift UVOT and XRT. , 2011, , .		0
95	Discovery of 59 μ s pulsations from 1RXS J141256.0+792204 (Calvera). <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 2428-2445.	4.4	23
96	A statistical comparison of the optical/UV and X-ray afterglows of gamma-ray bursts using the Swift Ultraviolet Optical and X-ray Telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 561-579.	4.4	22
97	Long-term spectral and timing properties of the soft gamma-ray repeater SGR1833+0832 and detection of extended X-ray emission around the radio pulsar PSR1830+08. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	24
98	Can a double component outflow explain the X-ray and optical lightcurves of Swift Gamma-Ray Bursts?. <i>Advances in Space Research</i> , 2011, 48, 1411-1414.	2.6	2
99	Two magnetars: SGR 1627+41 and 1E 1547+5408. <i>Advances in Space Research</i> , 2011, 47, 1312-1316.	2.6	1
100	Magnetar spectra and twisted magnetospheres. <i>Advances in Space Research</i> , 2011, 47, 1305-1311.	2.6	4
101	Modeling the broadband persistent emission of magnetars. <i>Advances in Space Research</i> , 2011, 47, 1298-1304.	2.6	12
102	SGR 0418+5729: a low-magnetic-field magnetar. , 2011, , .		1
103	Modelling lightcurves and spectra of transient Anomalous X-ray Pulsars. , 2011, , .		0
104	The magnetar emission in the IR band: the role of magnetospheric currents. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011, , 329-335.	0.3	9
105	<i>SWIFT</i> AND <i>FERMI</i> OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. <i>Astrophysical Journal Letters</i> , 2010, 709, L146-L151.	8.3	130
106	A UNIFIED TIMING AND SPECTRAL MODEL FOR THE ANOMALOUS X-RAY PULSARS XTE J1810+197 AND CXOU J164710.2+45216. <i>Astrophysical Journal</i> , 2010, 722, 788-802.	4.5	38
107	WIDE-BAND<i>SUZAKU</i> ANALYSIS OF THE PERSISTENT EMISSION FROM SGR 0501+4516 DURING THE 2008 OUTBURST. <i>Astrophysical Journal</i> , 2010, 715, 665-670.	4.5	24
108	X-ray study of HLX1: intermediate-mass black hole or foreground neutron star?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	7

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109	Early X-ray and optical observations of the soft gamma-ray repeater SGR J0418+5729. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	27
110	The 2008 October Swift detection of X-ray bursts/outburst from the transient SGR-like AXP 1E 1547.0-5408. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1387-1395.	4.4	46
111	Updated phase coherent timing solution of the isolated neutron star RX J0720.4-3125 using recent XMM-Newton and Chandra observations. Astronomy and Astrophysics, 2010, 521, A11.	5.1	5
112	THE DUST-SCATTERING X-RAY RINGS OF THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408. Astrophysical Journal, 2010, 710, 227-235.	4.5	87
113	A Low-Magnetic-Field Soft Gamma Repeater. Science, 2010, 330, 944-946.	12.6	258
114	Discovery of 2.6 s pulsations in SGR1627-41. , 2010, , .		0
115	XMM-NEWTON DISCOVERY OF 2.6 s PULSATIONS IN THE SOFT GAMMA-RAY REPEATER SGR 1627-41. Astrophysical Journal, 2009, 690, L105-L109.	4.5	30
116	VLT/NACO near-infrared observations of the transient radio magnetar 1E 1547.0-5408. Astronomy and Astrophysics, 2009, 497, 451-455.	5.1	4
117	SUZAKU OBSERVATION OF THE NEW SOFT GAMMA REPEATER SGR 0501+4516 IN OUTBURST. Astrophysical Journal, 2009, 693, L122-L126.	4.5	34
118	Spectral and temporal variations of the isolated neutron star RX J0720.4-3125: new XMM-Newton observations. Astronomy and Astrophysics, 2009, 498, 811-820.	5.1	19
119	NEW LIMITS ON RADIO EMISSION FROM X-RAY DIM ISOLATED NEUTRON STARS. Astrophysical Journal, 2009, 702, 692-706.	4.5	60
120	Prospects for Simbol-X Observations of Magnetars. , 2009, , .		0
121	Jet breaks at the end of the plateau phase of Swift GRB lightcurves. , 2009, , .		0
122	STRONG BURSTS FROM THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408 OBSERVED WITH THE INTEGRAL /SPI ANTI-COINCIDENCE SHIELD. Astrophysical Journal, 2009, 696, L74-L78.	4.5	69
123	Jet breaks at the end of the slow decline phase of Swift GRB light curves. Monthly Notices of the Royal Astronomical Society, 2009, 392, 153-169.	4.4	32
124	Topology of magnetars external field - I. Axially symmetric fields. Monthly Notices of the Royal Astronomical Society, 2009, 395, 753-763.	4.4	40
125	X-ray spectra from magnetar candidates - III. Fitting SGR/AXP soft X-ray emission with non-relativistic Monte Carlo models. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1403-1413.	4.4	48
126	A statistical study of gamma-ray burst afterglows measured by the Swift Ultraviolet Optical Telescope. Monthly Notices of the Royal Astronomical Society, 2009, 395, 490-503.	4.4	118

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127	The first outburst of the new magnetar candidate SGR 0501+4516. Monthly Notices of the Royal Astronomical Society, 2009, 396, 2419-2432.	4.4	90
128	Spin-down rate and inferred dipole magnetic field of the soft gamma-ray repeater SGR 1627-41. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 399, L44-L48.	3.3	26
129	Quiet but still bright: XMM-Newton observations of the soft gamma-ray repeater SGR 0526-66. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 399, L74-L78.	3.3	27
130	From outburst to quiescence: the decay of the transient AXP XTE J1810-197. Astronomy and Astrophysics, 2009, 498, 195-207.	5.1	55
131	VLT optical observations of the isolated neutron star RX J0420.0-5022. Astronomy and Astrophysics, 2009, 505, 707-713.	5.1	3
132	The 2008 May burst activation of SGR 1627-41. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 390, L34-L38.	3.3	49
133	X-ray spectra from magnetar candidates - I. Monte Carlo simulations in the non-relativistic regime. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1527-1542.	4.4	101
134	X-ray spectra from magnetar candidates - II. Resonant cross-sections for electron-photon scattering in the relativistic regime. Monthly Notices of the Royal Astronomical Society, 2008, 389, 989-1000.	4.4	51
135	Extreme Properties of GRB 061007: a highly energetic or a highly collimated burst?. AIP Conference Proceedings, 2008, , .	0.4	3
136	Challenging the current model for the GRB canonical afterglow lightcurve.. AIP Conference Proceedings, 2008, , .	0.4	1
137	New results on magnetars' X-ray spectral modeling. AIP Conference Proceedings, 2008, , .	0.4	1
138	Resonant Cyclotron Scattering in Magnetars' γ Emission. Astrophysical Journal, 2008, 686, 1245-1260.	4.5	97
139	Swift Gaze into the 2006 March 29 Burst Forest of SGR 1900+14. Astrophysical Journal, 2008, 685, 1114-1128.	4.5	94
140	An Optical Counterpart Candidate for the Isolated Neutron Star RBS 1774. Astrophysical Journal, 2008, 682, 487-491.	4.5	13
141	The first Suzaku observation of SGR 1806-20. AIP Conference Proceedings, 2008, , .	0.4	0
142	Hard X-ray variability of Magnetar's Tails observed with INTEGRAL. AIP Conference Proceedings, 2008, , .	0.4	0
143	Adaptive optics, near-infrared observations of magnetars. Astronomy and Astrophysics, 2008, 482, 607-615.	5.1	28
144	A Search for Pulsed and Bursty Radio Emission from X-ray Dim Isolated Neutron Stars. AIP Conference Proceedings, 2008, , .	0.4	3

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145	Near infrared <i>VLT</i>/<i>MAD</i>â€œobservations of the isolated neutron stars RX J0420.0-5022â€œand RX J1856.5-3754. <i>Astronomy and Astrophysics</i> , 2008, 488, 267-270.	5.1	7
146	SWIFT OBSERVATIONS OF GRB050712. , 2008, , .		0
147	X-RAY DIM ISOLATED NEUTRON STARS: A REVIEW OF THE LATEST TIMING AND SPECTRAL PROPERTIES. , 2008, , .		0
148	A new Swift observation of the AXP 1RXSJ170849.0â€œ400910. , 2007, , .		0
149	Understanding the Nature of Dark Bursts with the Afterglow of GRB 060108. , 2007, , .		0
150	Energy injection in GRB afterglows: the cases of Swift GRBs 050401, 050801 and 050802. , 2007, , .		0
151	Giant flares in soft $\hat{3}$ -ray repeaters and short GRBs. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1307-1313.	3.4	1
152	Spectral Modeling of the High-Energy Emission of the Magnetar 4U 0142+614. <i>Astrophysical Journal</i> , 2007, 661, L65-L68.	4.5	27
153	Linking the X-ray timing and spectral properties of the glitching AXP 1RXS J170849-400910. <i>Astronomy and Astrophysics</i> , 2007, 476, L9-L12.	5.1	23
154	Long term hard X-ray variability of the anomalous X-ray pulsar 1RXS J170849.0â€œ400910 discovered with<i>INTEGRAL</i>. <i>Astronomy and Astrophysics</i> , 2007, 475, 317-321.	5.1	16
155	SGRâ€œ1806-20â€œabout two years after the giant flare:<i>Suzaku</i>,<i>XMM-Newton</i>â€œand<i>INTEGRAL</i>â€œobservations. <i>Astronomy and Astrophysics</i> , 2007, 476, 321-330.	5.1	35
156	The nature of the outflow in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 376, L57-L61.	3.3	47
157	Early afterglow detection in the Swift observations of GRB 050801. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1638-1646.	4.4	37
158	Accurate X-ray position and multiwavelength observations of the isolated neutron star RBS 1774. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 1484-1490.	4.4	9
159	Very deep X-ray observations of the anomalous X-ray pulsar 4Uâ€œf0142+614. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 293-300.	4.4	38
160	Neutron star surface emission: Beyond the dipole model. <i>Astrophysics and Space Science</i> , 2007, 308, 259-265.	1.4	6
161	Long term spectral variability in the soft gamma-ray repeater SGRâ€œ1900+14. <i>Astrophysics and Space Science</i> , 2007, 308, 33-37.	1.4	3
162	Our distorted view of magnetars: application of the resonant cyclotron scattering model. <i>Astrophysics and Space Science</i> , 2007, 308, 61-65.	1.4	15

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163	X-ray intensity-hardness correlation and deep IR observations of the anomalous X-ray pulsar 1RXS J170849-400910. <i>Astrophysics and Space Science</i> , 2007, 308, 505-511.	1.4	26
164	The continuum and line spectra of SGR 1806-20 bursts. <i>Astrophysics and Space Science</i> , 2007, 308, 43-50.	1.4	3
165	Studies of neutron stars at optical/IR wavelengths. <i>Astrophysics and Space Science</i> , 2007, 308, 203-210.	1.4	18
166	XMM-Newton observations of the isolated neutron star 1RXS J214303.7+065419/RBS1774. <i>Astrophysics and Space Science</i> , 2007, 308, 161-166.	1.4	9
167	Swift and Chandra confirm the intensity-hardness correlation of the AXP 1RXS J170849.0-400910. <i>Astronomy and Astrophysics</i> , 2007, 463, 1047-1051.	5.1	31
168	Our distorted view of magnetars: application of the resonant cyclotron scattering model. , 2007, , 61-65.		0
169	XMM-Newton observations of the isolated neutron star 1RXS J214303.7+065419/RBS1774. , 2007, , 161-166.		0
170	Long term spectral variability in the soft gamma-ray repeater SGR 1900+14. , 2007, , 33-37.		0
171	X-ray intensity-hardness correlation and deep IR observations of the anomalous X-ray pulsar 1RXS J170849-400910. , 2007, , 505-511.		0
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