

Lara Sidoli

List of Publications by Year in descending order

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108
papers

2,053
citations

201674

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289244

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docs citations

108
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	An alternative hypothesis for the outburst mechanism in supergiant fast X-ray transients: the case of IGR J11215-5952. <i>Astronomy and Astrophysics</i> , 2007, 476, 1307-1315.	5.1	101
2	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
3	Monitoring Supergiant Fast X-ray Transients with <i>Swift</i> . I. Behavior Outside Outbursts. <i>Astrophysical Journal</i> , 2008, 687, 1230-1235.	4.5	71
4	The structure of blue supergiant winds and the accretion in supergiant high-mass X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 2152-2165.	4.4	66
5	An XMM-Newton study of the X-ray binary MXB 1659-298 and the discovery of narrow X-ray absorption lines. <i>Astronomy and Astrophysics</i> , 2001, 379, 540-550.	5.1	60
6	Bright flares in supergiant fast X-ray transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2325-2330.	4.4	59
7	XMM-Newton observation of a spectral state transition in the peculiar radio/X-ray/ γ -ray source LS 61303. <i>Astronomy and Astrophysics</i> , 2006, 459, 901-907.	5.1	54
8	<i>Swift</i> /XRT observes the fifth outburst of the periodic supergiant fast X-ray transient IGR J11215-5952. <i>Astronomy and Astrophysics</i> , 2007, 469, L5-L8.	5.1	53
9	BeppoSAX study of the broad-band properties of luminous globular cluster X-ray sources. <i>Astronomy and Astrophysics</i> , 2001, 368, 451-463.	5.1	51
10	INTEGRAL results on supergiant fast X-ray transients and accretion mechanism interpretation: ionization effect and formation of transient accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1540-1550.	4.4	50
11	XMMU J174716.1-281048: a "quasi-persistent" very faint X-ray transient?. <i>Astronomy and Astrophysics</i> , 2007, 468, L17-L20.	5.1	48
12	Multiple flaring activity in the supergiant fast X-ray transient IGR J08408+4503 observed with <i>Swift</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 45-51.	4.4	47
13	Monitoring supergiant fast X-ray transients with <i>Swift</i> : results from the first year. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 2021-2032.	4.4	44
14	IGR J11215-5952: a hard X-ray transient displaying recurrent outbursts. <i>Astronomy and Astrophysics</i> , 2006, 450, L9-L12.	5.1	44
15	Advances in Understanding High-Mass X-ray Binaries with INTEGRAL and Future Directions. <i>New Astronomy Reviews</i> , 2019, 86, 101546.	12.8	43
16	<i>XMM-Newton</i> observations of GX 13+1: correlation between photoionised absorption and broad line emission. <i>Astronomy and Astrophysics</i> , 2012, 543, A50.	5.1	42
17	Cumulative luminosity distributions of supergiant fast X-ray transients in hard X-rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3439-3452.	4.4	39
18	An INTEGRAL overview of High-Mass X-ray Binaries: classes or transitions?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2779-2803.	4.4	39

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19	Supergiant Fast X-ray Transients in outburst: new <i>Swift</i> observations of XTE J1739-302, IGR J17544-2619 and IGR J08408-4503. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 1528-1538.	4.4	37
20	Discovery of complex narrow X-ray absorption features from the low-mass X-ray binary GX 13+1 with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2002, 385, 940-946.	5.1	37
21	Monitoring Supergiant Fast X-Ray Transients with <i>Swift</i> . II. Rise to the Outburst in IGR J16479-4514. <i>Astrophysical Journal</i> , 2008, 680, L137-L140.	4.5	36
22	DISENTANGLING THE SYSTEM GEOMETRY OF THE SUPERGIANT FAST X-RAY TRANSIENT IGR J11215-5952 WITH <i>SWIFT</i> . <i>Astrophysical Journal</i> , 2009, 696, 2068-2074.	4.5	36
23	A catalogue of soft X-ray sources in the galactic center region. <i>Astronomy and Astrophysics</i> , 2001, 368, 835-844.	5.1	34
24	MONITORING SUPERGIANT FAST X-RAY TRANSIENTS WITH <i>SWIFT</i> . III. OUTBURSTS OF THE PROTOTYPICAL SUPERGIANT FAST X-RAY TRANSIENTS IGR J17544-2619 AND XTE J1739-302. <i>Astrophysical Journal</i> , 2009, 690, 120-127.	4.5	34
25	<i>BeppoSAX</i> OBSERVATIONS OF THE X-RAY PULSAR MAXI J1409-619 IN LOW STATE: DISCOVERY OF CYCLOTRON RESONANCE FEATURES. <i>Astrophysical Journal</i> , 2012, 748, 86.	4.5	34
26	The XMM-Newton view of supergiant fast X-ray transients: the case of IGR J16418-4532. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 554-561.	4.4	29
27	Periodic signals from the Circinus region: two new cataclysmic variables and the ultraluminous X-ray source candidate GCX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1112-1127.	4.4	29
28	<i>Swift</i> /XRT monitoring of the supergiant fast X-ray transient IGR J18483-0311 for an entire orbital period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1564-1569.	4.4	28
29	INTEGRAL and XMM-Newton observations of IGR J16418-4532: evidence of accretion regime transitions in a supergiant fast X-ray transient. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 528-542.	4.4	27
30	New insights on accretion in supergiant fast X-ray transients from XMM-Newton and INTEGRAL observations of IGR J17544-2619. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2175-2185.	4.4	26
31	<i>XMM-Newton</i> observation of the persistent Be/NS X-ray binary pulsar RX J1037.5-5647 in a low luminosity state. <i>Astronomy and Astrophysics</i> , 2009, 505, 947-954.	5.1	25
32	The first broad-band X-ray study of the Supergiant Fast X-ray Transient SAX J1818.6-1703 in outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 258-262.	4.4	21
33	A Suzaku X-ray observation of one orbit of the supergiant fast X-ray transient IGR J16479-4514. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2763-2771.	4.4	21
34	Discovery of 47-s pulsations in the X-ray source 1RXS J225352.8+624354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 2028-2035.	4.4	21
35	AX J1910.7+0917: the slowest X-ray pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3056-3061.	4.4	21
36	Five years of SGR 1900+14 observations with <i>BeppoSAX</i> . <i>Astronomy and Astrophysics</i> , 2007, 461, 605-612.	5.1	20

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37	Discovery of a 6.4 μ s black hole binary in NGC 4490. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3380-3387.	4.4	20
38	The <i>Chandra</i> ACIS Timing Survey Project: glimpsing a sample of faint X-ray pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4371-4385.	4.4	20
39	<i>XMM-Newton</i> observation of the persistent Be/NS X-ray binary pulsar RX J0440.9+4431. <i>Astronomy and Astrophysics</i> , 2012, 539, A82.	5.1	18
40	BeppoSAX study of the X-ray binary XB1832-330 located in the globular cluster NGC6652. <i>Astronomy and Astrophysics</i> , 2001, 380, 490-493.	5.1	17
41	The longest observation of a low-intensity state from a supergiant fast X-ray transient: <i>Suzaku</i> observes IGR J08408 \sim 4503. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 611-618.	4.4	17
42	X-ray emission from the giant molecular clouds in the Galactic Center region and the discovery of new X-ray sources. <i>Astronomy and Astrophysics</i> , 2001, 372, 651-662.	5.1	17
43	The broad-band X-ray spectrum of the dipping low mass X-ray binary EXO 0748 \sim 676. <i>Astronomy and Astrophysics</i> , 2005, 429, 291-296.	5.1	16
44	<i>XMM-Newton</i> and <i>INTEGRAL</i> observations of the very faint X-ray transient IGR J17285 \sim 2922/ <i>XTE</i> J1728 \sim 295 during the 2010 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2373-2378.	4.4	16
45	Discovering a 5.72-d period in the supergiant fast X-ray transient AX J1845.0-0433. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2182-2187.	4.4	16
46	Overview of non-transient γ -ray binaries and prospects for the Cherenkov Telescope Array. <i>Astronomy and Astrophysics</i> , 2019, 631, A177.	5.1	16
47	The soft X-ray counterpart of the newly discovered <i>INTEGRAL</i> source IGR J16195 \sim 4945. <i>Astronomy and Astrophysics</i> , 2005, 429, L47-L50.	5.1	16
48	Transient outburst mechanisms in Supergiant Fast X-ray Transients. <i>Advances in Space Research</i> , 2009, 43, 1464-1470.	2.6	15
49	Probing large-scale wind structures in Vela X-1 using off-states with <i>INTEGRAL</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1299-1303.	4.4	14
50	<i>XMM-Newton</i> discovery of mHz quasi-periodic oscillations in the high-mass X-ray binary IGR J19140+0951. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3637-3646.	4.4	14
51	An <i>INTEGRAL</i> hard X-ray survey of the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2006, 448, 873-880.	5.1	14
52	A large spin-up rate measured with <i>INTEGRAL</i> in the high mass X-ray binary pulsar SAX J2103.5+4545. <i>Astronomy and Astrophysics</i> , 2005, 440, 1033-1039.	5.1	13
53	Unveiling the hard X-ray spectrum from the "burst-only" source SAX J1753.5-2349 in outburst. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 403, L89-L93.	3.3	12
54	GOLIA: An <i>INTEGRAL</i> archive at INAF-IASF Milano. <i>Astronomy and Computing</i> , 2013, 1, 33-39.	1.7	12

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55	Wind accretion: Theory and observations. <i>Astronomy Reports</i> , 2015, 59, 645-655.	0.9	12
56	<i>INTEGRAL</i> study of temporal properties of bright flares in Supergiant Fast X-ray Transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3693-3701.	4.4	12
57	XMM-Newton and NuSTAR Simultaneous X-Ray Observations of IGR J11215-5952. <i>Astrophysical Journal</i> , 2017, 838, 133.	4.5	12
58	Two years of monitoring supergiant fast X-ray transients with Swift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	11
59	Low-energy absorption towards the ultra-compact X-ray binary 4U 1850-087 located in the globular cluster NGC 6712. <i>Astronomy and Astrophysics</i> , 2005, 443, 223-230.	5.1	10
60	<i>XMM-Newton</i> and <i>INTEGRAL</i> study of the SFXT IGR J18483-0311 in quiescence: hint of a cyclotron emission feature?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 402, L49-L53.	3.3	10
61	A search for the presence of magnetic fields in the two supergiant fast X-ray transients, IGR J08408-4503 and IGR J11215-5952. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 474, L27-L31.	3.8	10
62	Supergiant Fast X-ray Transients uncovered by the EXTraS project: flares reveal the development of magnetospheric instability in accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 420-434.	4.4	10
63	<i>NuSTAR</i> observation of the supergiant fast X-ray transient IGR J11215-5952 during its 2017 outburst. <i>Astronomy and Astrophysics</i> , 2020, 638, A71.	5.1	10
64	Multiwavelength investigation of the candidate Galactic PeVatron MGRO J1908+06. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2309-2315.	4.4	10
65	Unveiling the nature of the highly absorbed X-ray source SAX J1748.2-2808 with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2006, 456, 287-293.	5.1	10
66	The ultra-compact binary 4U 1850-087 observed with INTEGRAL: hard X-ray emission from an X-ray burster. <i>Astronomy and Astrophysics</i> , 2006, 460, 229-232.	5.1	10
67	X-ray, optical, and infrared investigation of the candidate supergiant fast X-ray transient IGR J18462-0223. <i>Astronomy and Astrophysics</i> , 2013, 556, A27.	5.1	9
68	First broad band study of the mysterious source 1E 1743.1-2843. <i>Astronomy and Astrophysics</i> , 2006, 456, 1105-1108.	5.1	9
69	Spectral variation in the supergiant fast X-ray transient SAX J1818.6-1703 observed by <i>XMM-Newton</i> and <i>INTEGRAL</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4111-4120.	4.4	8
70	Discovery of Periodic Dips in the Brightest Hard X-Ray Source of M31 with EXTraS. <i>Astrophysical Journal Letters</i> , 2017, 851, L27.	8.3	8
71	Review on latest progress on supergiant fast X-ray transients and future direction. <i>Advances in Space Research</i> , 2011, 48, 88-94.	2.6	7
72	CXOU J005047.9-731817: a 292-s X-ray binary pulsar in the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3464-3471.	4.4	7

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73	Chasing candidate Supergiant Fast X-ray Transients in the 1000 orbits <i>INTEGRAL</i>/IBIS catalogue. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4543-4553.	4.4	7
74	Time domain astronomy with the THESEUS satellite. Experimental Astronomy, 2021, 52, 309-406.	3.7	7
75	The X-ray emission of the high-mass X-ray binary IGR J17200-3116. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1126-1133.	4.4	6
76	Swift J201424.9+152930: discovery of a new deeply eclipsing binary with 491-s and 3.4-h modulations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1705-1715.	4.4	6
77	XMM-Newton observations of the low-mass X-ray binary XB 1832-330 in the galactic globular cluster NGC 6652. Astronomy and Astrophysics, 2008, 488, 249-255.	5.1	6
78	New Galactic High Mass X-ray Binaries Discovered with INTEGRAL. , 2010, , .		5
79	Spectral properties of the soft excess pulsar RX J0059.2-7138 during its 2013 outburst. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3710-3718.	4.4	5
80	INTEGRAL discovery of unusually long broad-band X-ray activity from the Supergiant Fast X-ray Transient IGR J18483-0311. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1228-1237.	4.4	5
81	Dust-scattering Halo and Giant Hard X-Ray Flare from the Supergiant Fast X-Ray Transient IGR J16479-4514 Investigated with XMM-Newton and INTEGRAL. Astrophysical Journal, 2020, 900, 22.	4.5	5
82	First hard X-ray detection and broad-band X-ray study of the unidentified transient AX J1949.8+2534. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3901-3908.	4.4	4
83	Long term spectral variability in the soft gamma-ray repeater SGR 1900+14. Astrophysics and Space Science, 2007, 308, 33-37.	1.4	3
84	Swift observations of the X-ray pulsar SAX J1324-6200. Astronomy and Astrophysics, 2008, 483, 249-251.	5.1	3
85	Spectral analysis of SXP59.0 during its 2017 outburst and properties of the soft excess in X-ray binary pulsars. Astronomy and Astrophysics, 2018, 619, A126.	5.1	3
86	A deep <i>XMM-Newton</i> observation of the X-Persei-like binary system CXOU J225355.1+624336. Astronomy and Astrophysics, 2021, 649, A118.	5.1	3
87	Detecting the intrinsic X-ray emission from the O-type donor star and the residual accretion in a supergiant fast X-ray transient in its faintest state. Astronomy and Astrophysics, 0, , .	5.1	3
88	<i>XMM-Newton</i> discovery of very high obscuration in the candidate supergiant fast X-ray transient AX J1714.1-3912. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2929-2935.	4.4	3
89	Spectral analysis of IGR J01572-7259 during its 2016 outburst. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1382-1391.	4.4	2
90	INTEGRAL observations of IGR J11215-5952: the first Supergiant Fast X-ray Transient displaying periodic outbursts. , 2007, , .		1

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91	Is GX 13+1 a dipping source?. , 2010, , .		1
92	The Swift SEXT monitoring campaign: the IGR J16479-4514 outburst in 2009. , 2010, , .		1
93	Investigating High Mass X-ray Binaries at hard X-rays with INTEGRAL. Proceedings of the International Astronomical Union, 2018, 14, 178-186.	0.0	1
94	New results with Swift on Supergiant Fast X-ray Transients. , 2010, , .		1
95	INTEGRAL @ INAF-IASF Milano: from Archives to Science. , 2017, , .		1
96	Monitoring of persistent accreting pulsating neutron stars observed during the INTEGRAL Core Program. Nuclear Physics, Section B, Proceedings Supplements, 2004, 132, 648-651.	0.4	0
97	Swift uncovers that SAX J0840.7+2248 is not an X-ray Binary, but BeppoSAX X-ray Rich GRB 980429. AIP Conference Proceedings, 2008, , .	0.4	0
98	Accretion of clumpy wind in supergiant HMXBs. , 2010, , .		0
99	The $\tilde{\nu}$ -soft $\tilde{\nu}$ excess in low-luminosity X-ray pulsars. , 2010, , .		0
100	The Swift view of Supergiant Fast X-ray Transients. , 2010, , .		0
101	Swift observations of the SEXT SAX J1818.6 $\tilde{\nu}$ 1703 in outburst. , 2010, , .		0
102	Variability of winds in X-ray binaries. Proceedings of the International Astronomical Union, 2012, 8, 25-28.	0.0	0
103	STOCHASTIC ACCRETION AND THE VARIABILITY OF SUPERGIANT FAST X-RAY TRANSIENTS. Astrophysical Journal, 2013, 762, 67.	4.5	0
104	Discovery of two new fast X-ray transients with INTEGRAL: IGR J03346+4414 and IGR J20344+3913. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2885-2892.	4.4	0
105	Stellar Winds in Massive X-ray Binaries. Proceedings of the International Astronomical Union, 2016, 12, 355-358.	0.0	0
106	The First Orbital Period of a Very Bright and Fast Nova in M31: M31N 2013-01b. Astrophysical Journal, 2018, 866, 125.	4.5	0
107	On the origin of Supergiant Fast X-ray Transients. Proceedings of the International Astronomical Union, 2018, 14, 193-196.	0.0	0
108	Studying the presence of magnetic fields in a sample of high-mass X-ray binaries. Proceedings of the International Astronomical Union, 2018, 14, 40-44.	0.0	0