

Mauro Orlandini

List of Publications by Year in descending order

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91
papers

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201674

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92
times ranked

2724
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-dependent Evolution within the Large Luminosity Range of 1A 0535+262 Observed by Insight-HXMT during 2020 Giant Outburst. <i>Astrophysical Journal</i> , 2022, 932, 106.	4.5	4
2	Disc versus wind accretion in X-ray pulsar GX 301-2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2493-2500.	4.4	3
3	Comptonization as an Origin of the Continuum in Intermediate Polars. <i>Astrophysical Journal</i> , 2021, 911, 80.	4.5	3
4	X-ray reprocessing in accreting pulsar GX 301-2 observed with Insight-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2522-2530.	4.4	4
5	A search for prompt γ -ray counterparts to fast radio bursts in the Insight-HXMT data. <i>Astronomy and Astrophysics</i> , 2020, 637, A69.	5.1	20
6	Constraining the transient high-energy activity of FRB 180916.J0158+65 with Insight-HXMT follow-up observations. <i>Astronomy and Astrophysics</i> , 2020, 642, A160.	5.1	9
7	Testing Comptonization as the Origin of the Continuum in Nonmagnetic Cataclysmic Variables: The Photon Index of X-Ray Emission. <i>Astrophysical Journal</i> , 2020, 900, 153.	4.5	4
8	Red-skewed $K\alpha$ iron lines in GX 13+1. <i>Astronomy and Astrophysics</i> , 2019, 625, A8.	5.1	4
9	Physics and astrophysics of strong magnetic field systems with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	17
10	A cumulative search for hard X-ray emission associated with fast radio bursts in Fermi/GBM data. <i>Astronomy and Astrophysics</i> , 2019, 631, A62.	5.1	16
11	A Search for Gamma-Ray Prompt Emission Associated with the Lorimer Burst FRB 010724. <i>Astrophysical Journal</i> , 2019, 882, 100.	4.5	13
12	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
13	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244.	2.6	133
14	The wide field monitor and spectrometer instrument on board the ASTENA satellite mission concept. , 2018, , .		1
15	eXTP: Enhanced X-ray Timing and Polarization mission. <i>Proceedings of SPIE</i> , 2016, , .	0.8	106
16	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
17	The LOFT mission concept: a status update. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
18	Temperature measurement during thermonuclear X-ray bursts with BeppoSAX. <i>New Astronomy</i> , 2016, 45, 48-53.	1.8	3

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19	The large area detector of LOFT: the Large Observatory for X-ray Timing. , 2014, , .		5
20	The Large Observatory for x-ray timing. Proceedings of SPIE, 2014, , .	0.8	10
21	The radiation environment in a low earth orbit:the case of BeppoSAX. Experimental Astronomy, 2014, 37, 599-613.	3.7	17
22	Spectral evolution of the X-ray nova XTEÅJ1859+226 during its outburst observed by BeppoSAX and RXTE. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3295-3305.	4.4	9
23	Scientific prospects in soft gamma-ray astronomy enabled by the LAUE project. , 2013, , .		9
24	INTERPLANETARY NETWORK LOCALIZATIONS OF KONUS SHORT GAMMA-RAY BURSTS. Astrophysical Journal, Supplement Series, 2013, 207, 38.	7.7	23
25	A large area detector proposed for the Large Observatory for X-ray Timing (LOFT). , 2012, , .		15
26	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	3.7	168
27	LOFT: the Large Observatory For X-ray Timing. Proceedings of SPIE, 2012, , .	0.8	29
28	<i>BeppoSAX</i>OBSERVATIONS OF THE X-RAY PULSAR MAXI J1409â€“619 IN LOW STATE: DISCOVERY OF CYCLOTRON RESONANCE FEATURES. Astrophysical Journal, 2012, 748, 86.	4.5	34
29	Average power density spectrum of Swift long gamma-ray bursts in the observer and in the source-rest frames. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1785-1803.	4.4	26
30	Spectral catalogue of bright gamma-ray bursts detected with the<i>BeppoSAX</i>/GRBM. Astronomy and Astrophysics, 2011, 526, A49.	5.1	18
31	SUPERMODEL ANALYSIS OF THE HARD X-RAY EXCESS IN THE COMA CLUSTER. Astrophysical Journal, 2011, 732, 85.	4.5	10
32	INTEGRAL and XMM-Newton study of the SFXT IGR J18483-0311 in quiescence: hint of a cyclotron emission feature?. , 2011, , .		0
33	Concept for an innovative wide-field camera for x-ray astronomy. Proceedings of SPIE, 2010, , .	0.8	1
34	A concept for a lightweight, low-power and sensitive Silicon-based All Sky Monitor for transient sources and Gamma Ray Bursts. , 2010, , .		0
35	A Light and Effective Wide Field Monitor for Gamma Ray Bursts and Transient Sources. , 2009, , .		1
36	THE GAMMA-RAY BURST CATALOG OBTAINED WITH THE GAMMA-RAY BURST MONITOR ABOARD <i>BeppoSAX</i>. Astrophysical Journal, Supplement Series, 2009, 180, 192-223.	7.7	61

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37	The Cosmic X-ray Background at the peak of its emission: new results and implications. AIP Conference Proceedings, 2008, , .	0.4	0
38	The Cosmic X-ray Background and the Population of the Most Heavily Obscured AGNs. Astrophysical Journal, 2007, 666, 86-95.	4.5	73
39	Nonthermal Hard X-Ray Excess in the Coma Cluster: Resolving the Discrepancy between the Results of Different PDS Data Analyses. Astrophysical Journal, 2007, 654, L9-L12.	4.5	32
40	X-ray broad-band study of the symbiotic X-ray binary 4U 1954+31. Astronomy and Astrophysics, 2007, 464, 277-287.	5.1	26
41	M-typegiants as optical counterparts of X-ray sources 4U 1700+24 and 4U 1954+319. Astronomy and Astrophysics, 2006, 453, 295-299.	5.1	61
42	TheBeppoSAXview of the galactic high-mass X-ray binary 4U 0114+65. Astronomy and Astrophysics, 2006, 445, 653-660.	5.1	16
43	The gamma-ray burst monitor for Lobster-ISS. Advances in Space Research, 2006, 38, 1333-1337.	2.6	6
44	Searching for serendipitous sources at high galactic latitudes with BeppoSAX/PDS. Advances in Space Research, 2006, 38, 1425-1430.	2.6	0
45	Broad-band spectral properties of accreting X-ray binary pulsars. Advances in Space Research, 2006, 38, 2742-2746.	2.6	9
46	Confirmation of the Presence of Nonthermal Hard X-Ray Excess in the Cluster A2256 from Two Epoch Observations. Astrophysical Journal, 2005, 624, L69-L72.	4.5	26
47	A Compton reflection dominated spectrum in a peculiar accreting neutron star. Monthly Notices of the Royal Astronomical Society, 2005, 364, 1229-1238.	4.4	19
48	A study of an orbital cycle of GX 301-2 observed by BeppoSAX. Astronomy and Astrophysics, 2005, 438, 617-632.	5.1	38
49	The puzzling case of GRB 990123: multiwavelength afterglow study. Astronomy and Astrophysics, 2005, 438, 821-827.	5.1	16
50	Serpens X-1 observed byINTEGRAL. Astronomy and Astrophysics, 2004, 423, 651-656.	5.1	5
51	X-ray/optical observations of A0535+26/HDE 245770 in quiescence. Nuclear Physics, Section B, Proceedings Supplements, 2004, 132, 476-485.	0.4	24
52	Confirmation of Nonthermal Hard X-Ray Excess in the Coma Cluster from Two Epoch Observations. Astrophysical Journal, 2004, 602, L73-L76.	4.5	100
53	The Prompt X-ray Emission of GRB 011211: Possible Evidence of a Transient Absorption Feature. Astrophysical Journal, 2004, 616, 1078-1085.	4.5	16
54	Comparative study of the two large flares from SGR1900+14 with theBeppoSAXGamma-Ray Burst Monitor. Astronomy and Astrophysics, 2004, 416, 297-310.	5.1	26

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55	A look with BeppoSAX at the low-luminosity Galactic X-ray source 4U 2206+54. <i>Astronomy and Astrophysics</i> , 2004, 423, 311-319.	5.1	27
56	A Decreasing Column Density during the Prompt Emission from GRB 000528 Observed with BeppoSAX. <i>Astrophysical Journal</i> , 2004, 614, 301-308.	4.5	16
57	Spectral and Temporal Behavior of the Black Hole Candidate XTE J1118+480 as Observed with BeppoSAX. <i>Astrophysical Journal</i> , 2003, 592, 1110-1118.	4.5	25
58	The Quiescent X-ray Emission of Three Transient X-ray Pulsars. <i>Astrophysical Journal</i> , 2002, 580, 389-393.	4.5	72
59	Hard X-ray tails and cyclotron features in X-ray pulsars. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	9
60	Broadband Spectrum of Cygnus X-1 in Two Spectral States with BeppoSAX. <i>Astrophysical Journal</i> , 2001, 546, 1027-1037.	4.5	94
61	The Prompt Emission of GRB 990712 with BeppoSAX: Evidence of a Transient X-Ray Emission Feature. <i>Astrophysical Journal</i> , 2001, 550, L47-L51.	4.5	24
62	A Measurement of the Broadband Spectrum of XTE J1118+480 with BeppoSAX and Its Astrophysical Implications. <i>Astrophysical Journal</i> , 2001, 561, 1006-1015.	4.5	55
63	The Transient X-ray Pulsar 4U 0115+63 from Quiescence to Outburst through the Centrifugal Transition. <i>Astrophysical Journal</i> , 2001, 561, 924-929.	4.5	63
64	Hard X-Ray Emission from the Galaxy Cluster A3667. <i>Astrophysical Journal</i> , 2001, 552, L97-L100.	4.5	40
65	BeppoSAX spectra of five low mass X-ray binaries. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	0
66	Integrating the BeppoSAX Gamma-ray Burst Monitor into the Third Interplanetary Network. <i>Astrophysical Journal</i> , 2000, 534, 258-264.	4.5	11
67	The broad band spectral properties of binary X-ray pulsars. <i>Advances in Space Research</i> , 2000, 25, 399-408.	2.6	19
68	BeppoSAX observations of an orbital cycle of the X-ray binary pulsar GX 301-2. <i>Advances in Space Research</i> , 2000, 25, 417-420.	2.6	9
69	Cyclotron lines in X-ray pulsars as a probe of relativistic plasmas in superstrong magnetic fields. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	1
70	BeppoSAX Observations of GRB 980425: Detection of the Prompt Event and Monitoring of the Error Box. <i>Astrophysical Journal</i> , 2000, 536, 778-787.	4.5	123
71	Prompt and Delayed Emission Properties of Gamma-ray Bursts Observed with BeppoSAX. <i>Astrophysical Journal, Supplement Series</i> , 2000, 127, 59-78.	7.7	158
72	Discovery of a Transient Absorption Edge in the X-ray Spectrum of GRB 990705. <i>Science</i> , 2000, 290, 953-955.	12.6	140

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73	Prompt and Afterglow Emission from the X-ray Rich GRB 981226 Observed with BeppoSAX. <i>Astrophysical Journal</i> , 2000, 540, 697-703.	4.5	33
74	[CSC][ITAL]BeppoSAX[/ITAL][CSC] and [ITAL]Chandra[/ITAL] Observations of SAX J0103.2+7209 = 2E 0101.5+7225: A New Persistent 345 Second X-Ray Pulsar in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2000, 531, L131-L134.	4.5	25
75	The Zoo of X-ray Sources in the Galactic Center Region: Observations with BeppoSAX. <i>Astrophysical Journal</i> , 1999, 525, 215-227.	4.5	62
76	A Giant Outburst from SGR 1900+14 Observed with the [ITAL]BeppoSAX[/ITAL] Gamma-Ray Burst Monitor. <i>Astrophysical Journal</i> , 1999, 515, L9-L12.	4.5	72
77	A [CSC][ITAL]BeppoSAX[/ITAL][CSC] Study of the Pulsating Transient X0115+63: The First X-Ray Spectrum with Four Cyclotron Harmonic Features. <i>Astrophysical Journal</i> , 1999, 523, L85-L88.	4.5	98
78	The Gamma-Ray Bursts Monitor onboard SAX. <i>Advances in Space Research</i> , 1998, 22, 1129-1132.	2.6	21
79	Spectral Properties of the Prompt X-ray Emission and Afterglow from the Gamma-Ray Burst of 1997 February 28. <i>Astrophysical Journal</i> , 1998, 493, L67-L70.	4.5	49
80	[ITAL]BeppoSAX[/ITAL] Observation of 4U 1626+67: Discovery of an Absorption Cyclotron Resonance Feature. <i>Astrophysical Journal</i> , 1998, 500, L163-L166.	4.5	72
81	<title>PDS experiment on board the BeppoSAX satellite: design and in-flight performance results</title>. , 1997, , .		26
82	<title>In-flight performances of the BeppoSAX gamma-ray burst monitor</title>. , 1997, , .		42
83	<title>BeppoSAX GRBM on-ground calibration data analysis</title>. , 1997, , .		13
84	<title>Gamma-ray burst monitor on board BeppoSAX: the Monte Carlo simulation for the response matrix</title>. , 1997, 3114, 198.		5
85	Discovery of an X-ray afterglow associated with the \hat{I}^3 -ray burst of 28 February 1997. <i>Nature</i> , 1997, 387, 783-785.	27.8	852
86	Third Interplanetary Network Localization, Time History, Fluence, Peak Flux, and Distance Lower Limit of the 1997 February 28 Gamma-Ray Burst. <i>Astrophysical Journal</i> , 1997, 485, L1-L3.	4.5	18
87	Microsecond temporal structure from x-ray binary pulsars: Observability with XTE. <i>AIP Conference Proceedings</i> , 1994, , .	0.4	0
88	On the Observability of Microsecond Temporal Structure in the Emission from X-Ray Binary Pulsars. <i>Astrophysical Journal</i> , 1993, 419, 776.	4.5	4
89	On the power spectra of the wind-fed X-ray binary pulsar GX 301 - 2. <i>Astrophysical Journal</i> , 1992, 386, 703.	4.5	3
90	Some astrophysical consequences due to the existence of magnetic monopoles. <i>Acta Physica Hungarica</i> , 1988, 64, 339-351.	0.1	0

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91	Comparison between the Fermi normal and the transverse traceless co-ordinate system. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1986, 91, 236-240.	0.2	8