Marco Feroci

List of Publications by Year
in descending order

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47	841	840585 11	713332 21
papers	citations	h-index	g-index

47	47	47	1086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The enhanced X-ray Timing and Polarimetry missionâ€"eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	178
2	Discovery of a Transient Absorption Edge in the X-ray Spectrum of GRB 990705. Science, 2000, 290, 953-955.	6.0	140
3	Decay of the GRB 990123 Optical Afterglow: Implications for the Fireball Model. Science, 1999, 283, 2069-2073.	6.0	95
4	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	50
5	<title>In-flight performances of the BeppoSAX gamma-ray burst monitor</title>. , 1997, , .		42
6	Background simulations for the Large Area Detector onboard LOFT. Experimental Astronomy, 2013, 36, 451-477.	1.6	30
7	Treatment of Compton scattering of linearly polarized photons in Monte Carlo codes. Radiation Physics and Chemistry, 1996, 48, 403-411.	1.4	29
8	Photometry and Spectroscopy of the GRB 970508 Optical Counterpart. Science, 1998, 279, 1011-1014.	6.0	28
9	<title>PDS experiment on board the BeppoSAX satellite: design and in-flight performance results</title>. , 1997, , .		26
10	POLARIX: a pathfinder mission of X-ray polarimetry. Experimental Astronomy, 2010, 28, 137-183.	1.6	23
11	The AGILE instrument. , 2003, 4851, 1151.		18
12	Sensitivity of a photoelectric x-ray polarimeter for astronomy: the impact of the gas mixture and pressure. , 2003, 4843, 394.		17
13	The radiation environment in a low earth orbit:the case of BeppoSAX. Experimental Astronomy, 2014, 37, 599-613.	1.6	17
14	A set of x-ray polarimeters for the New Hard X-ray Imaging and Polarimetric Mission. Proceedings of SPIE, 2010, , .	0.8	15
15	<title>BeppoSAX GRBM on-ground calibration data analysis</title>. , 1997, , .		13
16	STROBE-X: a probe-class mission for x-ray spectroscopy and timing on timescales from microseconds to years. , 2018, , .		13
17	Scientific performances of the XAA1.2 front-end chip for silicon microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 708-721.	0.7	11
18	A photoelectric polarimeter for XEUS: a new window in x-ray sky. , 2006, , .		9

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19	A setup for soft proton irradiation of X-ray detectors for future astronomical space missions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 721, 65-72.	0.7	9
20	The large area detector onboard the eXTP mission. , 2018, , .		9
21	Instrumental and astrophysical performances of SuperAGILE on-board AGILE Gamma-Ray mission. , 2000, 4140, 283.		7
22	POLARIX: a small mission of x-ray polarimetry. , 2006, 6266, 213.		7
23	<title>Gamma-ray burst monitor on board BeppoSAX: the Monte Carlo simulation for the response matrix</title>. , 1997, 3114, 198.		5
24	Radiation-induced effects on the XAA1.2 ASIC chip for space application. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 465-482.	0.7	5
25	ESTREMO/WFXRT: Extreme phySics in the TRansient and Evolving COsmos. , 2006, , .		5
26	Threshold equalization algorithm for the XAA1.2 ASICs and its application to SuperAGILE X-ray imager. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 367-375.	0.7	5
27	Data handling system of the gamma-ray space detector AGILE. , 2000, 4140, 493.		4
28	JEM-X: the x-ray monitor on INTEGRAL. , 2004, , .		4
29	An x-ray polarimeter for hard x-ray optics. , 2006, , .		4
30	SuperAGILE onboard electronics and ground test instrumentation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 574, 330-341.	0.7	4
31	Effects of capillary reflection in the performance of the collimator of the Large Area Detector on board LOFT. Experimental Astronomy, 2014, 37, 69-84.	1.6	4
32	Long term spectral variability in the soft gamma-ray repeater SGRÂ1900+14. Astrophysics and Space Science, 2007, 308, 33-37.	0.5	3
33	Performances of XA1.3 ASIC chip for the SuperAGILE experiment on board of AGILE. , 2000, , .		2
34	The engineering model of the SuperAGILE experiment. , 2004, , .		2
35	Mechanical assembly and alignment of SuperAGILE. , 2004, , .		2
36	Radiation damage studies of XAA1.2 ASIC chip for the SuperAGILE experiment onboard AGILE. , 2003, , .		1

#	Article	IF	Citations
37	Instrumentation for ground test of SuperAgile detectors and front-end electronics. , 2004, , .		1
38	X-ray imaging and spectroscopy performance of a large area silicon drift chamber for wide-field x-ray astronomy applications. Proceedings of SPIE, 2010, , .	0.8	1
39	Calibration strategies for the LAD instrument on-board LOFT. Proceedings of SPIE, 2012, , .	0.8	1
40	The LOFT wide field monitor simulator. Proceedings of SPIE, 2012, , .	0.8	1
41	X-ray Polarimeters. Thirty Years of Astronomical Discovery With UKIRT, 2011, , 585-609.	0.3	1
42	Laboratory tests and scientific performances of the XAA1.2 front-end chip for space applications. , 2004, , .		0
43	Understanding the relativistic accretion disk of GRS 1915+105. Advances in Space Research, 2006, 38, 1359-1364.	1.2	0
44	SuperAGILE and Gamma Ray Bursts. AIP Conference Proceedings, 2006, , .	0.3	0
45	In orbit performance and observations of the silicon strip experiment SuperAGILE. , 2008, , .		0
46	GAME: GRB and All-sky Monitor Experiment. International Journal of Modern Physics D, 2014, 23, 1430010.	0.9	0
47	Data model applications for the SuperAGILE detection system. , 2004, , .		0