

Marco Feroci

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6040738/marco-feroci-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

632
citations

11
h-index

24
g-index

47
ext. papers

705
ext. citations

6.5
avg, IF

1.83
L-index

#	Paper	IF	Citations
37	Discovery of a transient absorption edge in the X-ray spectrum of GRB 990705. <i>Science</i> , 2000 , 290, 953-533	33.3	134
36	The enhanced X-ray Timing and Polarimetry mission eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	95
35	Decay of the GRB 990123 optical afterglow: implications for the fireball model. <i>Science</i> , 1999 , 283, 2069-733	33.3	91
34	In-flight performances of the BeppoSAX gamma-ray burst monitor 1997 ,		36
33	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	31
32	Photometry and spectroscopy of the GRB 970508 optical counterpart. <i>Science</i> , 1998 , 279, 1011-4	33.3	28
31	PDS experiment on board the BeppoSAX satellite: design and in-flight performance results 1997 ,		23
30	Treatment of Compton scattering of linearly polarized photons in Monte Carlo codes. <i>Radiation Physics and Chemistry</i> , 1996 , 48, 403-411	2.5	22
29	POLARIX: a pathfinder mission of X-ray polarimetry. <i>Experimental Astronomy</i> , 2010 , 28, 137-183	1.3	20
28	Background simulations for the Large Area Detector onboard LOFT. <i>Experimental Astronomy</i> , 2013 , 36, 451-477	1.3	18
27	BeppoSAX GRBM on-ground calibration data analysis 1997 ,		12
26	The radiation environment in a low earth orbit:the case of BeppoSAX. <i>Experimental Astronomy</i> , 2014 , 37, 599-613	1.3	11
25	The AGILE instrument 2003 , 4851, 1151		11
24	A set of x-ray polarimeters for the New Hard X-ray Imaging and Polarimetric Mission 2010 ,		10
23	Sensitivity of a photoelectric x-ray polarimeter for astronomy: the impact of the gas mixture and pressure 2003 , 4843, 394		10
22	STROBE-X: a probe-class mission for x-ray spectroscopy and timing on timescales from microseconds to years 2018 ,		10
21	Scientific performances of the XAA1.2 front-end chip for silicon microstrip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 708-721	1.2	8

20	A setup for soft proton irradiation of X-ray detectors for future astronomical space missions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 721, 65-72	1.2	6
19	Gamma-ray burst monitor on board BeppoSAX: the Monte Carlo simulation for the response matrix 1997 , 3114, 198		5
18	POLARIX: a small mission of x-ray polarimetry 2006 , 6266, 213		5
17	ESTREMO/WFXRT: Extreme phySics in the TRansient and Evolving COsmos 2006 ,		5
16	Instrumental and astrophysical performances of SuperAGILE on-board AGILE Gamma-Ray mission 2000 , 4140, 283		5
15	The large area detector onboard the eXTP mission 2018 ,		5
14	Threshold equalization algorithm for the XAA1.2 ASICs and its application to SuperAGILE X-ray imager. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 593, 367-375	1.2	4
13	Long term spectral variability in the soft gamma-ray repeater SGR 1900+14. <i>Astrophysics and Space Science</i> , 2007 , 308, 33-37	1.6	3
12	A photoelectric polarimeter for XEUS: a new window in x-ray sky 2006 ,		3
11	An x-ray polarimeter for hard x-ray optics 2006 ,		3
10	Radiation-induced effects on the XAA1.2 ASIC chip for space application. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 538, 465-482	1.2	3
9	Data handling system of the gamma-ray space detector AGILE 2000 , 4140, 493		3
8	Effects of capillary reflection in the performance of the collimator of the Large Area Detector on board LOFT. <i>Experimental Astronomy</i> , 2014 , 37, 69-84	1.3	2
7	The engineering model of the SuperAGILE experiment 2004 ,		2
6	JEM-X: the x-ray monitor on INTEGRAL 2004 ,		2
5	Performances of XA1.3 ASIC chip for the SuperAGILE experiment on board of AGILE 2000 ,		2
4	SuperAGILE onboard electronics and ground test instrumentation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 574, 330-341	1.2	1
3	X-ray Polarimeters. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2011 , 585-609	0.3	1

2 GAME: GRB and All-sky Monitor Experiment. *International Journal of Modern Physics D*, **2014**, 23, 1430010.2

1 Understanding the relativistic accretion disk of GRS 1915+105. *Advances in Space Research*, **2006**, 38, 1359-1364

2.4