

Melania Del Santo

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,312
citations

257450

24
h-index

223800

46
g-index

81
all docs

81
docs citations

81
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	Disc precession to explain the superorbital modulation of LMC X-4: results from the <i>Swift</i> monitoring campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3422-3435.	4.4	2
2	Observations of a radio-bright, X-ray obscured GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 152-161.	4.4	26
3	Quasi-periodic dipping in the ultraluminous X-ray source, NGC 247 ULX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3722-3729.	4.4	17
4	New analysis of the <i>IXO</i> -class bursts, known as the "heartbeat" of GRS 1915+105: Pulse profile and spectral properties. <i>Astronomy and Astrophysics</i> , 2021, 650, A122.	5.1	2
5	<i>XMM-Newton</i> campaign on the ultraluminous X-ray source NGC 247 ULX-1: outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5058-5074.	4.4	37
6	The evolving radio jet from the neutron star X-ray binary 4U 1820+30. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 508, L6-L11.	3.3	10
7	The Chameleon on the branches: spectral state transition and dips in NGC 247 ULX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5567-5579.	4.4	11
8	Tracking the evolution of the accretion flow in MAXI J1820+070 during its hard state with the JED-SAD model. <i>Astronomy and Astrophysics</i> , 2021, 656, A63.	5.1	9
9	The INTEGRAL view on black hole X-ray binaries. <i>New Astronomy Reviews</i> , 2021, 93, 101618.	12.8	15
10	The Galactic LMXB Population and the Galactic Centre Region. <i>New Astronomy Reviews</i> , 2020, 88, 101536.	12.8	17
11	Testing jet geometries and disc-jet coupling in the neutron star LMXB 4U 0614+091 with the internal shocks model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3351-3367.	4.4	11
12	On the nature of the soft γ -ray emission in the hard state of the black hole transient GRS 1716+249. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 571-583.	4.4	12
13	First detection of the Crab Nebula at TeV energies with a Cherenkov telescope in a dual-mirror Schwarzschild-Couder configuration: the ASTRI-Horn telescope. <i>Astronomy and Astrophysics</i> , 2020, 634, A22.	5.1	34
14	X-ray dips and a complex UV/X-ray cross-correlation function in the black hole candidate MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 488, L18-L23.	3.3	26
15	The long outburst of the black hole transient GRS 1716+249 observed in the X-ray and radio band. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1587-1601.	4.4	21
16	Search for multiwavelength emission from the binary millisecond pulsar PSR J1836-2354A in the globular cluster M22. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3992-4000.	4.4	6
17	A planetesimal orbiting within the debris disc around a white dwarf star. <i>Science</i> , 2019, 364, 66-69.	12.6	131
18	Energy scaling of the "heartbeat" pulse width of GRS 1915+105, IGR J17091+3624, and MXB 1730+335 from Rossi-XTE observations. <i>Astronomy and Astrophysics</i> , 2018, 612, A33.	5.1	9

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19	Comparing the \dot{X} -class spectra of the microquasar GRS 1915+105 observed with BeppoSAX. <i>Astronomy and Astrophysics</i> , 2017, 598, A65.	5.1	4
20	Time properties of the the \dot{X} -class burst of the microquasar GRS 1915+105 observed with BeppoSAX in April 1999. <i>Astronomy and Astrophysics</i> , 2016, 586, A56.	5.1	3
21	Searching for supergiant fast X-ray transients with Swift. <i>Astronomy and Astrophysics</i> , 2016, 593, A96.	5.1	3
22	Spectral and timing evolution of the bright failed outburst of the transient black hole Swift J174510.8 $\hat{~}$ 262411. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3585-3595.	4.4	21
23	A possible cyclotron resonance scattering feature near 0.7 keV in X1822-371. <i>Astronomy and Astrophysics</i> , 2015, 577, A63.	5.1	20
24	Signature of the presence of a third body orbiting around XB 1916-053. <i>Astronomy and Astrophysics</i> , 2015, 582, A32.	5.1	15
25	INVESTIGATING THE NATURE OF IGR J17454 $\hat{~}$ 2919 USING X-RAY AND NEAR-INFRARED OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 808, 34.	4.5	5
26	The puzzling symbiotic X-ray system 4U1700+24. <i>Astronomy and Astrophysics</i> , 2014, 562, A55.	5.1	6
27	The puzzling source IGR J17361 $\hat{~}$ 4441 in NGC 6388: a possible planetary tidal disruption event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 93-101.	4.4	19
28	The Large Observatory for x-ray timing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
29	Non-linear oscillator models for the X-ray bursting of the microquasar GRS 1915+105. <i>Astrophysics and Space Science</i> , 2014, 352, 699-714.	1.4	15
30	The magnetic field in the X-ray corona of Cygnus X-1 $\hat{~}$ <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 209-220.	4.4	48
31	GAMMA-RAY OBSERVATIONS OF CYGNUS X-1 ABOVE 100 MeV IN THE HARD AND SOFT STATES. <i>Astrophysical Journal</i> , 2013, 766, 83.	4.5	30
32	The complex behaviour of the microquasar GRS 1915+105 in the \dot{X} -class observed with BeppoSAX. <i>Astronomy and Astrophysics</i> , 2013, 556, A84.	5.1	7
33	The high-energy spectrum of Cygnus X $\hat{~}$ 1: corona and jet contributions. <i>EPJ Web of Conferences</i> , 2013, 61, 03006.	0.3	0
34	High-energy observations of black hole binaries with the INTEGRAL satellite. <i>Journal of Physics: Conference Series</i> , 2012, 354, 012003.	0.4	2
35	ORIGIN: metal creation and evolution from the cosmic dawn. <i>Experimental Astronomy</i> , 2012, 34, 519-549.	3.7	6
36	The first outburst of the black-hole candidate MAXI $\hat{~}$ J1836 $\hat{~}$ 194 observed by INTEGRAL, Swift, and RXTE. <i>Astronomy and Astrophysics</i> , 2012, 537, L7.	5.1	31

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37	A CHANDRA OBSERVATION OF THE BURSTING MILLISECOND X-RAY PULSAR IGR J17511-3057. <i>Astrophysical Journal</i> , 2012, 755, 52.	4.5	8
38	The peculiar 2011 outburst of the black hole candidate IGR J17091-3624, a GRS 1915+105-like source?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 3130-3141.	4.4	25
39	The complex behaviour of the microquasar GRS 1915+105 in the \dot{X} class observed with BeppoSAX. <i>Astronomy and Astrophysics</i> , 2012, 537, A18.	5.1	24
40	UNVEILING THE NATURE OF IGR J17177-3656 WITH X-RAY, NEAR-INFRARED, AND RADIO OBSERVATIONS. <i>Astrophysical Journal</i> , 2011, 738, 183.	4.5	14
41	XMM-Newton and INTEGRAL observations of the very faint X-ray transient IGR J17285-2922/XTE J1728-295 during the 2010 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2373-2378.	4.4	16
42	Unveiling the hard X-ray spectrum from the \dot{X} 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
43	The complex behaviour of the microquasar GRS 1915+105 in the \dot{X} class observed with BeppoSAX. <i>Astronomy and Astrophysics</i> , 2010, 513, A21.	5.1	22
44	The Palermo Swift-BAT hard X-ray catalogue. <i>Astronomy and Astrophysics</i> , 2010, 510, A47.	5.1	74
45	A Failed outburst of H1743-322. , 2010, , .		0
46	Study of the accreting pulsar 4U 0115+63 using a bulk and thermal Comptonization model. <i>Astronomy and Astrophysics</i> , 2009, 498, 825-836.	5.1	87
47	UNVEILING THE HIGH ENERGY TAIL OF 1E 1740.7-2942 WITH INTEGRAL. <i>Astrophysical Journal</i> , 2009, 693, 1871-1876.	4.5	30
48	EDGE: Explorer of diffuse emission and gamma-ray burst explosions. <i>Experimental Astronomy</i> , 2009, 23, 67-89.	3.7	19
49	A failed outburst of H1743-322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1194-1200.	4.4	81
50	Broad-band X-ray spectral evolution of GX 339-4 during a state transition \dot{X} ... \dot{X} . <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 992-997.	4.4	16
51	Spectral variability of GX 339-4 in a hard-to-soft state transition \dot{X} ... \dot{X} . <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 227-234.	4.4	51
52	INTEGRAL observation of X-ray Binaries. , 2007, , .		0
53	A Possible Magnetar Nature for IGR J16358-4726. <i>Astrophysical Journal</i> , 2007, 657, 994-1003.	4.5	24
54	Unveiling the Nature of IGR J17497-2821 Using X-Ray and Near-Infrared Observations. <i>Astrophysical Journal</i> , 2007, 657, L109-L112.	4.5	10

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55	EDGE: explorer of diffuse emission and gamma-ray burst explosions. , 2007, , .		5
56	INTEGRAL high-energy monitoring of the X-ray burster KS 1741-293*. Monthly Notices of the Royal Astronomical Society, 2007, 380, 615-620.	4.4	9
57	XMMUJ174716.1-281048: a "quasi-persistent" very faint X-ray transient?. Astronomy and Astrophysics, 2007, 468, L17-L20.	5.1	48
58	ESTREMO/WFXRT: Extreme physics in the Transient and Evolving Cosmos. , 2006, , .		5
59	INTEGRAL/RXTE high-energy observation of a state transition of GX 339-4. Monthly Notices of the Royal Astronomical Society, 2006, 367, 1113-1120.	4.4	88
60	INTEGRAL/IBIS search for e^+e^- annihilation radiation from the galactic center region. Advances in Space Research, 2006, 38, 1457-1460.	2.6	8
61	Two years of INTEGRAL monitoring of the soft gamma-ray repeater SGR 1806-20: from quiescence to frenzy. Astronomy and Astrophysics, 2006, 445, 313-321.	5.1	41
62	First broad band study of the mysterious source 1E 1743.1-2843. Astronomy and Astrophysics, 2006, 456, 1105-1108.	5.1	9
63	Panchromatic study of GRB 060124: from precursor to afterglow. Astronomy and Astrophysics, 2006, 456, 917-927.	5.1	204
64	On the multiwavelength spectrum of the microquasar 1E 1740.7-2942. Astronomy and Astrophysics, 2006, 457, 1011-1014.	5.1	8
65	300 keV Spectral States and Variability of the INTEGRAL Black Hole Binary IGR J17464-3213. Astrophysical Journal, 2005, 622, 503-507.	4.5	27
66	1E 1740.7-2942: Temporal and spectral evolution from INTEGRAL and RXTE observations. Astronomy and Astrophysics, 2005, 433, 613-617.	5.1	26
67	Detection and analysis of a new INTEGRAL hard X-ray transient, IGR J17285-2922. Astronomy and Astrophysics, 2005, 437, L27-L30.	5.1	10
68	The First IBIS/ISGRI Soft Gamma-Ray Galactic Plane Survey Catalog. Astrophysical Journal, 2004, 607, L33-L37.	4.5	111
69	Compact sources as the origin of the soft γ -ray emission of the Milky Way. Nature, 2004, 428, 293-296.	27.8	50
70	High-energy observations of the state transition of the X-ray nova and black hole candidate XTE J1720-318. Astronomy and Astrophysics, 2004, 426, 659-667.	5.1	28
71	IBIS detector performance during calibration - preliminary analysis. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 513, 118-122.	1.6	3
72	IBIS preliminary results on Cygnus X-1 spectral and temporal characteristics. Astronomy and Astrophysics, 2003, 411, L389-L394.	5.1	18

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73	The INTEGRAL IBIS/ISGRI System Point Spread Function and Source Location Accuracy. <i>Astronomy and Astrophysics</i> , 2003, 411, L179-L183.	5.1	101
74	First results from the IBIS/ISGRI data obtained during the Galactic Plane Scan. <i>Astronomy and Astrophysics</i> , 2003, 411, L373-L376.	5.1	6
75	GRB 021125: The first GRB imaged by INTEGRAL. <i>Astronomy and Astrophysics</i> , 2003, 411, L307-L310.	5.1	12
76	IBIS performances during the Galactic Plane Scan. <i>Astronomy and Astrophysics</i> , 2003, 411, L369-L372.	5.1	4
77	First results from the INTEGRAL galactic plane scans. <i>Astronomy and Astrophysics</i> , 2003, 411, L349-L355.	5.1	41
78	First IBIS results on the high energy emission of Cygnus X-2. <i>Astronomy and Astrophysics</i> , 2003, 411, L395-L398.	5.1	2
79	IBIS ground calibration. <i>Astronomy and Astrophysics</i> , 2003, 411, L159-L166.	5.1	4
80	Status of the Integral/IBIS telescope modeling and of the response matrices generation. <i>Astronomy and Astrophysics</i> , 2003, 411, L185-L188.	5.1	14
81	The medium-energy concentrator spectrometer on board the BeppoSAX X-ray astronomy satellite. <i>Astronomy and Astrophysics</i> , 1997, 122, 327-340.	2.1	276