

Federico Bernardini

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,112
citations

361413

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395702

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all docs

42
docs citations

42
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	X-Ray and Radio Bursts from the Magnetar 1E 1547.0â€“5408. <i>Astrophysical Journal</i> , 2021, 907, 7.	4.5	9
2	Hard X-ray cataclysmic variables. <i>Advances in Space Research</i> , 2020, 66, 1209-1225.	2.6	29
3	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. <i>Astrophysical Journal</i> , 2020, 890, 166.	4.5	13
4	Discovery of a 2.8 s Pulsar in a 2 Day Orbit High-mass X-Ray Binary Powering the Ultraluminous X-Ray Source U LX-7 in M51. <i>Astrophysical Journal</i> , 2020, 895, 60.	4.5	106
5	2PBCâ€“J0658.0â€“1746: a hard X-ray eclipsing polar in the orbital period gap. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1044-1053.	4.4	8
6	Bright Mini-outburst Ends the 12 yr Long Activity of the Black Hole Candidate Swift J1753.5â€“0127. <i>Astrophysical Journal</i> , 2019, 876, 5.	4.5	25
7	The true nature of Swift J0746.3-1608: a possible Intermediate Polar showing accretion state changes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 101-106.	4.4	7
8	The 11-yr of low activity of the magnetar XTE J1810â“197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3832-3838.	4.4	14
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	Optical precursors to X-ray binary outbursts. <i>Astronomische Nachrichten</i> , 2019, 340, 278-283.	1.2	23
11	Optical Precursors to Black Hole X-Ray Binary Outbursts: An Evolving Synchrotron Jet Spectrum in Swift J1357.2â€“0933. <i>Astrophysical Journal</i> , 2018, 852, 90.	4.5	14
12	HST spectrum and timing of the ultracompact X-ray binary candidate 47 Tuc X9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1889-1908.	4.4	14
13	IGR J14257â“6117, a magnetic accreting white dwarf with a very strong strong X-ray orbital modulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1185-1192.	4.4	7
14	Up and Down the Black Hole Radio/X-Ray Correlation: The 2017 Mini-outbursts from Swift J1753.5â“0127. <i>Astrophysical Journal</i> , 2017, 848, 92.	4.5	22
15	Discâ€“jet coupling in low-luminosity accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 324-339.	4.4	53
16	Multiwavelength monitoring of a very active dwarf nova AX J1549.8â“5416 with an unusually high duty cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4236-4248.	4.4	4
17	Broad-band characteristics of seven new hard X-ray selected cataclysmic variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4815-4837.	4.4	21
18	The accretion environment of supergiant fast X-ray transients probed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2017, 608, A128.	5.1	15

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19	IGRJ19552+0044: A new asynchronous short period polar. <i>Astronomy and Astrophysics</i> , 2017, 608, A36.	5.1	16
20	ON THE OPTICALâ€“X-RAY CORRELATION FROM OUTBURST TO QUIESCENCE IN LOW-MASS X-RAY BINARIES: THE REPRESENTATIVE CASES OF V404 CYG AND CEN X-4. <i>Astrophysical Journal</i> , 2016, 826, 149.	4.5	20
21	EVENTS LEADING UP TO THE 2015 JUNE OUTBURST OF V404 CYG. <i>Astrophysical Journal Letters</i> , 2016, 818, L5.	8.3	46
22	The variable spin-down rate of the transient magnetar XTEâ€“J1810âˆ“197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2088-2093.	4.4	24
23	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015, 814, 139.	4.5	38
24	UNAMBIGUOUS DETECTION OF REFLECTION IN MAGNETIC CATAclysmic VARIABLES: JOINT <i>NuSTAR</i> â€“ <i>XMM-NEWTON</i> OBSERVATIONS OF THREE INTERMEDIATE POLARS. <i>Astrophysical Journal Letters</i> , 2015, 807, L30.	8.3	37
25	Investigating variability of quiescent neutron stars in the globular clusters NGC 6440 and Terzan 5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1238-1250.	4.4	14
26	Swiftâ€“J0525.6+2416 and IGRâ€“J04571+4527: two new hard X-ray-selected magnetic cataclysmic variables identified with XMMâ€“Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3101-3107.	4.4	7
27	Supergiant fast X-ray transients as an under-luminous class of supergiant X-ray binaries. <i>Advances in Space Research</i> , 2015, 55, 1255-1263.	2.6	27
28	X-ray and UV correlation in the quiescent emission of Cen X-4, evidence of accretion and reprocessing. <i>EPJ Web of Conferences</i> , 2014, 64, 06007.	0.3	0
29	Swiftâ€“J2218.4+1925: a new hard-X-ray-selected polar observed with XMMâ€“Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1403-1411.	4.4	13
30	Multiwavelength search for counterparts of supersoft X-ray sources in M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1821-1836.	4.4	3
31	Characterizing the quiescent X-ray variability of the black hole low-mass X-ray binary V404 Cyg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2771-2780.	4.4	28
32	On the nature of the hard X-ray sources SWIFTâ€“J1907.3âˆ“2050, IGRâ€“J12123âˆ“5802 and IGRâ€“J19552+0044. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2822-2834.	4.4	24
33	Daily multiwavelength Swift monitoring of the neutron star low-mass X-ray binary Cen X-4: evidence for accretion and reprocessing during quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2465-2483.	4.4	41
34	Characterization of new hard X-ray cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2012, 542, A22.	5.1	58
35	Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1Eâ€“1547.0-5408. <i>Astronomy and Astrophysics</i> , 2011, 529, A19.	5.1	41
36	Emission geometry, radiation pattern and magnetic topology of the magnetar XTEâ€“J1810âˆ“197 in its quiescent state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 638-647.	4.4	30

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37	THE DUST-SCATTERING X-RAY RINGS OF THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408. <i>Astrophysical Journal</i> , 2010, 710, 227-235.	4.5	87
38	The first outburst of the new magnetar candidate SGR 0501+4516. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 2419-2432.	4.4	90
39	The supergiant fast X-ray transient IGR J18483-0311 in quiescence: <i>XMM-Newton</i> , <i>Swift</i> and <i>Chandra</i> observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 744-749.	4.4	11
40	From outburst to quiescence: the decay of the transient AXP XTE J1810-197. <i>Astronomy and Astrophysics</i> , 2009, 498, 195-207.	5.1	55
41	Transient Phenomena in Anomalous X-ray Pulsars. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0