

# Federico Bernardini

## List of Publications by Year in descending order

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41  
papers

1,112  
citations

361413

20  
h-index

395702

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g-index

42  
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42  
docs citations

42  
times ranked

1305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a 2.8 s Pulsar in a 2 Day Orbit High-mass X-Ray Binary Powering the Ultraluminous X-Ray Source ULX-7 in M51. <i>Astrophysical Journal</i> , 2020, 895, 60.	4.5	106
2	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
3	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
4	Characterization of new hard X-ray cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2012, 542, A22.	5.1	58
5	From outburst to quiescence: the decay of the transient XTE J1810-197. <i>Astronomy and Astrophysics</i> , 2009, 498, 195-207.	5.1	55
6	Disc-jet coupling in low-luminosity accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 324-339.	4.4	53
7	EVENTS LEADING UP TO THE 2015 JUNE OUTBURST OF V404 CYG. <i>Astrophysical Journal Letters</i> , 2016, 818, L5.	8.3	46
8	Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1E 1547.0-5408. <i>Astronomy and Astrophysics</i> , 2011, 529, A19.	5.1	41
9	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
10	A CONNECTION BETWEEN PLASMA CONDITIONS NEAR BLACK HOLE EVENT HORIZONS AND OUTFLOW PROPERTIES. <i>Astrophysical Journal</i> , 2015, 814, 139.	4.5	38
11	UNAMBIGUOUS DETECTION OF REFLECTION IN MAGNETIC CATAclysmic VARIABLES: JOINT NuSTAR & XMM-NEWTON OBSERVATIONS OF THREE INTERMEDIATE POLARS. <i>Astrophysical Journal Letters</i> , 2015, 807, L30.	8.3	37
12	Emission geometry, radiation pattern and magnetic topology of the magnetar XTE J1810-197 in its quiescent state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 638-647.	4.4	30
13	Hard X-ray cataclysmic variables. <i>Advances in Space Research</i> , 2020, 66, 1209-1225.	2.6	29
14	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
15	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
16	Bright Mini-outburst Ends the 12 yr Long Activity of the Black Hole Candidate Swift J1753.5-0127. <i>Astrophysical Journal</i> , 2019, 876, 5.	4.5	25
17	On the nature of the hard X-ray sources SWIFT J1907.3+2050, IGR J12123+5802 and IGR J19552+0044. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2822-2834.	4.4	24
18	The variable spin-down rate of the transient magnetar XTE J1810-197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2088-2093.	4.4	24

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19	Optical precursors to X-ray binary outbursts. <i>Astronomische Nachrichten</i> , 2019, 340, 278-283.	1.2	23
20	Up and Down the Black Hole Radio/X-Ray Correlation: The 2017 Mini-outbursts from Swift J1753.5âˆ’0127. <i>Astrophysical Journal</i> , 2017, 848, 92.	4.5	22
21	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
22	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
23	Physics and astrophysics of strong magnetic field systems with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	17
24	IGR J19552+0044: A new asynchronous short period polar. <i>Astronomy and Astrophysics</i> , 2017, 608, A36.	5.1	16
25	The accretion environment of supergiant fast X-ray transients probed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2017, 608, A128.	5.1	15
26	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
27	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
28	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
29	The 11-yr of low activity of the magnetar XTE J1810âˆ’197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3832-3838.	4.4	14
30	Swift J2218.4+1925: a new hard-X-ray-selected polar observed with XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1403-1411.	4.4	13
31	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. <i>Astrophysical Journal</i> , 2020, 890, 166.	4.5	13
32	The supergiant fast X-ray transient IGR J18483âˆ’0311 in quiescence: XMM-Newton, Swift and Chandra observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 744-749.	4.4	11
33	X-Ray and Radio Bursts from the Magnetar 1E 1547.0â€”5408. <i>Astrophysical Journal</i> , 2021, 907, 7.	4.5	9
34	2PBC 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
35	Swift J0525.6+2416 and IGR J04571+4527: two new hard X-ray-selected magnetic cataclysmic variables identified with XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3101-3107.	4.4	7
36	IGR J14257âˆ’6117, a magnetic accreting white dwarf with a very strong X-ray orbital modulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1185-1192.	4.4	7

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37	The true nature of Swift J0746.3-1608: a possible Intermediate Polar showing accretion state changes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 101-106.	4.4	7
38	Multiwavelength monitoring of a very active dwarf nova AX J1549.8 <sup>h</sup> 5416 with an unusually high duty cycle. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4236-4248.	4.4	4
39	Multiwavelength search for counterparts of supersoft X-ray sources in M31. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1821-1836.	4.4	3
40	Transient Phenomena in Anomalous X-ray Pulsars. AIP Conference Proceedings, 2008, , .	0.4	0
41	X-ray and UV correlation in the quiescent emission of Cen X-4, evidence of accretion and reprocessing. EPJ Web of Conferences, 2014, 64, 06007.	0.3	0