

Francesco Coti Zelati

List of Publications by Year in descending order

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56
papers

1,212
citations

361413

20
h-index

395702

33
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57
all docs

57
docs citations

57
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	The New Magnetar SGR J1830+0645 in Outburst. <i>Astrophysical Journal Letters</i> , 2021, 907, L34.	8.3	14
2	Optical and ultraviolet pulsed emission from an accreting millisecond pulsar. <i>Nature Astronomy</i> , 2021, 5, 552-559.	10.1	15
3	The X-ray evolution and geometry of the 2018 outburst of XTE J1810+197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5244-5257.	4.4	8
4	Evidence of intra-binary shock emission from the redback pulsar PSR J1048+2339. <i>Astronomy and Astrophysics</i> , 2021, 649, A120.	5.1	5
5	Multi-band observations of Swift J0840.7+3516: A new transient ultra-compact X-ray binary candidate. <i>Astronomy and Astrophysics</i> , 2021, 650, A69.	5.1	5
6	Simultaneous X-ray and radio observations of the transitional millisecond pulsar candidate CXOU J110926.4+650224. <i>Astronomy and Astrophysics</i> , 2021, 655, A52.	5.1	7
7	The INTEGRAL view of the pulsating hard X-ray sky: from accreting and transitional millisecond pulsars to rotation-powered pulsars and magnetars. <i>New Astronomy Reviews</i> , 2020, 91, 101544.	12.8	8
8	Spectral characterization of the non-thermal X-ray emission of gamma-ray pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1025-1043.	4.4	12
9	A Very Young Radio-loud Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 896, L30.	8.3	36
10	NuSTAR and Parkes observations of the transitional millisecond pulsar binary XSS J12270+4859 in the rotation-powered state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5607-5619.	4.4	9
11	The long-term enhanced brightness of the magnetar 1E 1547.0+5408. <i>Astronomy and Astrophysics</i> , 2020, 633, A31.	5.1	12
12	The X-Ray Outburst of the Galactic Center Magnetar over Six Years of Chandra Observations. <i>Astrophysical Journal</i> , 2020, 894, 159.	4.5	8
13	The X-Ray Reactivation of the Radio Bursting Magnetar SGR J1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 902, L2.	8.3	22
14	Synchrocurvature modelling of the multifrequency non-thermal emission of pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5494-5512.	4.4	18
15	Pulsating in Unison at Optical and X-Ray Energies: Simultaneous High Time Resolution Observations of the Transitional Millisecond Pulsar PSR J1023+0038. <i>Astrophysical Journal</i> , 2019, 882, 104.	4.5	39
16	Towards observing reverberating and superefficient pulsar wind nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1019-1033.	4.4	8
17	Prolonged sub-luminous state of the new transitional pulsar candidate CXOU J110926.4+650224. <i>Astronomy and Astrophysics</i> , 2019, 622, A211.	5.1	24
18	Physics and astrophysics of strong magnetic field systems with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	17

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19	The multi-outburst activity of the magnetar in Westerlund 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2931-2943.	4.4	7
20	Long X-ray flares from the central source in RCW 103. <i>Astronomy and Astrophysics</i> , 2019, 626, A19.	5.1	9
21	Detailed X-ray spectroscopy of the magnetar 1E 2259+586. <i>Astronomy and Astrophysics</i> , 2019, 626, A39.	5.1	8
22	Probing X-ray emission in different modes of PSR J1023+0038 with a radio pulsar scenario. <i>Astronomy and Astrophysics</i> , 2019, 629, L8.	5.1	13
23	Chandra Spectral and Timing Analysis of Sgr A*'s Brightest X-Ray Flares. <i>Astrophysical Journal</i> , 2019, 886, 96.	4.5	36
24	Peering at the outflow mechanisms in the transitional pulsar PSR J1023+0038: simultaneous VLT, XMM-Newton, and Swift high-time resolution observations. <i>Astronomy and Astrophysics</i> , 2019, 631, A104.	5.1	9
25	Systematic study of magnetar outbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 961-1017.	4.4	98
26	A Wildly Flickering Jet in the Black Hole X-Ray Binary MAXI J1535-571. <i>Astrophysical Journal</i> , 2018, 867, 114.	4.5	20
27	Theoretically Motivated Search and Detection of Non-thermal Pulsations from PSRs J1747-2958, J2021+3651, and J1826-1256. <i>Astrophysical Journal Letters</i> , 2018, 868, L29.	8.3	7
28	Gazing at the ultraslow magnetar in RCW 103 with NuSTAR and Swift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 741-748.	4.4	10
29	Simultaneous broadband observations and high-resolution X-ray spectroscopy of the transitional millisecond pulsar PSR J1023+0038. <i>Astronomy and Astrophysics</i> , 2018, 611, A14.	5.1	15
30	The First Continuous Optical Monitoring of the Transitional Millisecond Pulsar PSR J1023+0038 with Kepler. <i>Astrophysical Journal Letters</i> , 2018, 858, L12.	8.3	17
31	Chandra monitoring of the Galactic Centre magnetar SGR J1745-2900 during the initial 3.5 years of outburst decay. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1819-1829.	4.4	28
32	Multiband study of RX J0838.2-2827 and XMM J083850.4-282759: a new asynchronous magnetic cataclysmic variable and a candidate transitional millisecond pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2902-2916.	4.4	21
33	X-ray Dim Isolated Neutron Stars and phase-dependent absorption features. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 315-316.	0.0	0
34	Phase-dependent absorption features in X-ray spectra of X-ray Dim Isolated Neutron Stars. <i>Journal of Physics: Conference Series</i> , 2017, 932, 012007.	0.4	0
35	Systematic study of magnetar outbursts. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 326-327.	0.0	0
36	The Puzzling Source at the Center of the SNR RCW 103. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 104-107.	0.0	0

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37	Systematic study of magnetar outbursts. <i>Journal of Physics: Conference Series</i> , 2017, 932, 012022.	0.4	1
38	Narrow phase-dependent features in X-ray dim isolated neutron stars: a new detection and upper limits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2975-2983.	4.4	28
39	The X-ray outburst of the Galactic Centre magnetar during the first 1.5 year. , 2017, , .		0
40	eXTP: Enhanced X-ray Timing and Polarization mission. <i>Proceedings of SPIE</i> , 2016, , .	0.8	106
41	Different twins in the millisecond pulsar recycling scenario: Optical polarimetry of PSR J1023+0038 and XSS J12270-4859. <i>Astronomy and Astrophysics</i> , 2016, 591, A101.	5.1	20
42	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
43	MAGNETAR-LIKE ACTIVITY FROM THE CENTRAL COMPACT OBJECT IN THE SNR RCW103. <i>Astrophysical Journal Letters</i> , 2016, 828, L13.	8.3	74
44	Swift J174540.7 \hat{a} \sim 290015: a new accreting binary in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2688-2701.	4.4	16
45	Multiwavelength study of RXJ2015.6+3711: a magnetic cataclysmic variable with a 2-h spin period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1913-1923.	4.4	7
46	The variable spin-down rate of the transient magnetar XTEJ1810 \hat{a} \sim 197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2088-2093.	4.4	24
47	The discovery, monitoring and environment of SGRJ1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3448-3456.	4.4	98
48	A physical scenario for the high and low X-ray luminosity states in the transitional pulsar PSR J1023+0038. <i>Astronomy and Astrophysics</i> , 2016, 594, A31.	5.1	33
49	DISCOVERY OF A STRONGLY PHASE-VARIABLE SPECTRAL FEATURE IN THE ISOLATED NEUTRON STAR RX J0720.4 \hat{a} \sim 3125. <i>Astrophysical Journal Letters</i> , 2015, 807, L20.	8.3	32
50	The X-ray outburst of the Galactic Centre magnetar SGRJ1745 \hat{a} \sim 2900 during the first 1.5 \hat{A} year. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2685-2699.	4.4	45
51	SIMULTANEOUS MULTI-BAND RADIO AND X-RAY OBSERVATIONS OF THE GALACTIC CENTER MAGNETAR SGR 1745 \hat{a} \sim 2900. <i>Astrophysical Journal</i> , 2015, 808, 81.	4.5	29
52	The X-ray outburst of the Galactic Centre magnetar as monitored by Chandra and XMM-Newton. , 2015, , .		0
53	Engulfing a radio pulsar: the case of PSR J1023+0038. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1783-1792.	4.4	49
54	A year in the life of the low-mass X-ray transient Aql X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2634-2641.	4.4	28

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55	Mining the Aql X-1 long-term X-ray light curve. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1695-1700.	4.4	38
56	UV and X-ray pulse amplitude variability in the transitional millisecond pulsar PSR J1023+0038. Astronomy and Astrophysics, 0, , .	5.1	2