

Andrea Tiengo

List of Publications by Year in descending order

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89
papers

5,238
citations

186265
28
h-index

85541
71
g-index

90
all docs

90
docs citations

90
times ranked

3526
citing authors

#	ARTICLE	IF	CITATIONS
1	The European Photon Imaging Camera on XMM-Newton: The MOS cameras. <i>Astronomy and Astrophysics</i> , 2001, 365, L27-L35.	5.1	1,820
2	An accreting pulsar with extreme properties drives an ultraluminous x-ray source in NGC 5907. <i>Science</i> , 2017, 355, 817-819.	12.6	321
3	A Low-Magnetic-Field Soft Gamma Repeater. <i>Science</i> , 2010, 330, 944-946.	12.6	258
4	Discovery of a 0.42-s pulsar in the ultraluminous X-ray source NGC 7793 P13. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 466, L48-L52.	3.3	257
5	INTEGRAL Discovery of a Burst with Associated Radio Emission from the Magnetar SGR 1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 898, L29.	8.3	227
6	A variable absorption feature in the X-ray spectrum of a magnetar. <i>Nature</i> , 2013, 500, 312-314.	27.8	157
7	A NEW LOW MAGNETIC FIELD MAGNETAR: THE 2011 OUTBURST OF SWIFT J1822.3-1606. <i>Astrophysical Journal</i> , 2012, 754, 27.	4.5	116
8	THE OUTBURST DECAY OF THE LOW MAGNETIC FIELD MAGNETAR SGR 0418+5729. <i>Astrophysical Journal</i> , 2013, 770, 65.	4.5	109
9	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
10	Magnetars as persistent hard X-ray sources: INTEGRAL discovery of a hard tail in SGR 1900+14. <i>Astronomy and Astrophysics</i> , 2006, 449, L31-L34.	5.1	103
11	A Long-Period, Violently Variable X-ray Source in a Young Supernova Remnant. <i>Science</i> , 2006, 313, 814-817.	12.6	101
12	The discovery, monitoring and environment of SGR 1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3448-3456.	4.4	98
13	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
14	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
15	An XMM-Newton View of the Soft Gamma Repeater SGR 1806-20: Long-Term Variability in the Pre-Giant Flare Epoch. <i>Astrophysical Journal</i> , 2005, 628, 938-945.	4.5	82
16	An Ultramassive, Fast-Spinning White Dwarf in a Peculiar Binary System. <i>Science</i> , 2009, 325, 1222-1223.	12.6	81
17	The afterglow and kilonova of the short GRB 160821B. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	78
18	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

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19	The First XMM-Newton Observations of the Soft Gamma-Ray Repeater SGR 1900+14. <i>Astrophysical Journal</i> , 2006, 653, 1423-1428.	4.5	54
20	The 2008 October Swift detection of X-ray bursts/outburst from the transient SGR-like AXP 1E 1547.0-5408. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1387-1395.	4.4	46
21	X-RAY AND OPTICAL OBSERVATIONS OF THE UNIQUE BINARY SYSTEM HD 49798/RX J0648.0-4418. <i>Astrophysical Journal</i> , 2011, 737, 51.	4.5	43
22	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
23	The outburst decay of the low magnetic field magnetar SWIFT J1822.3-1606: phase-resolved analysis and evidence for a variable cyclotron feature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4145-4155.	4.4	40
24	Spectral monitoring of RX J1856.5-3754 with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2012, 541, A66.	5.1	39
25	Giant outburst from the supergiant fast X-ray transient IGR J17544-2619: accretion from a transient disc?. <i>Astronomy and Astrophysics</i> , 2015, 576, L4.	5.1	38
26	A Very Young Radio-loud Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 896, L30.	8.3	36
27	DISCOVERY OF A STRONGLY PHASE-VARIABLE SPECTRAL FEATURE IN THE ISOLATED NEUTRON STAR RX J0720.4-3125. <i>Astrophysical Journal Letters</i> , 2015, 807, L20.	8.3	32
28	[ITAL]XMM-Newton [ITAL] Spectroscopy of the Accretion-driven Millisecond X-Ray Pulsar XTE J1751-305 in Outburst. <i>Astrophysical Journal</i> , 2003, 583, L99-L102.	4.5	31
29	Dust-scattered X-ray halos around gamma-ray bursts: GRB 031203 revisited and the new case of GRB 050713A. <i>Astronomy and Astrophysics</i> , 2006, 449, 203-209.	5.1	31
30	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
31	1E 161348-5055 in the Supernova Remnant RCW 103: A Magnetar in a Young Low-Mass Binary System?. <i>Astrophysical Journal</i> , 2008, 681, 530-542.	4.5	25
32	X-ray emission from the luminous O-type subdwarf HD 49798 and its compact companion. <i>Astronomy and Astrophysics</i> , 2013, 553, A46.	5.1	24
33	Discovery of spin-up in the X-ray pulsar companion of the hot subdwarf HD 49798. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3523-3527.	4.4	24
34	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
35	The calm after the storm: XMM-Newton observation of SGR 1806-20 two months after the Giant Flare of 2004 December 27. <i>Astronomy and Astrophysics</i> , 2005, 440, L63-L66.	5.1	24
36	The X-Ray Reactivation of the Radio Bursting Magnetar SGR J1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 902, L2.	8.3	22

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37	IKT 16: a composite supernova remnant in the Small Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2011, 530, A132.	5.1	21
38	A new ultraluminous X-ray source in the galaxy NGC 5907. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 477, L90-L95.	3.3	20
39	A First XMM-Newton Look at the Relativistic Double Pulsar PSR J0737-3039. <i>Astrophysical Journal</i> , 2004, 612, L49-L52.	4.5	18
40	XMM-Newton observation of the persistent Be/NS X-ray binary pulsar RX J0440.9+4431. <i>Astronomy and Astrophysics</i> , 2012, 539, A82.	5.1	18
41	Physics and astrophysics of strong magnetic field systems with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	17
42	Diffuse X-ray emission around an ultraluminous X-ray pulsar. <i>Nature Astronomy</i> , 2020, 4, 147-152.	10.1	16
43	EXTras discovery of an X-ray superflare from an L dwarf. <i>Astronomy and Astrophysics</i> , 2020, 634, L13.	5.1	16
44	Science with the EXTras Project: Exploring the X-Ray Transient and Variable Sky. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2016, , 291-295.	0.3	15
45	A Supernova Candidate at $z=0.092$ in XMM-Newton Archival Data. <i>Astrophysical Journal</i> , 2020, 898, 37.	4.5	15
46	EXTras discovery of an 1.2-s X-ray pulsar in M31. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 457, L5-L9.	3.3	14
47	The 11-yr of low activity of the magnetar XTE J1810-197. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3832-3838.	4.4	14
48	The New Magnetar SGR J1830+0645 in Outburst. <i>Astrophysical Journal Letters</i> , 2021, 907, L34.	8.3	14
49	A systematic analysis of the XMM-Newton background: II. Properties of the in-Field-Of-View excess component. <i>Experimental Astronomy</i> , 2017, 44, 309-320.	3.7	13
50	A systematic analysis of the XMM-Newton background: IV. <i>Experimental Astronomy</i> , 2017, 44, 321-336.	3.7	13
51	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. <i>Astrophysical Journal</i> , 2020, 890, 166.	4.5	13
52	The EXTras project: Exploring the X-ray transient and variable sky. <i>Astronomy and Astrophysics</i> , 2021, 650, A167.	5.1	13
53	The Slow Heartbeats of an Ultraluminous X-Ray Source in NGC 3621. <i>Astrophysical Journal</i> , 2020, 898, 174.	4.5	13
54	XMM-Newton and NuSTAR Simultaneous X-Ray Observations of IGR J11215-5952. <i>Astrophysical Journal</i> , 2017, 838, 133.	4.5	12

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55	Behind the dust curtain: the spectacular case of GRB 160623A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1465-1472.	4.4	12
56	PSR J0737+3039: Interacting Pulsars in X-rays. <i>Astrophysical Journal</i> , 2008, 679, 664-674.	4.5	11
57	A systematic analysis of the XMM-Newton background: I. Dataset and extraction procedures. <i>Experimental Astronomy</i> , 2017, 44, 297-308.	3.7	10
58	<i>NuSTAR</i> observation of the supergiant fast X-ray transient IGR J11215+5952 during its 2017 outburst. <i>Astronomy and Astrophysics</i> , 2020, 638, A71.	5.1	10
59	Prediction and Understanding of Soft-proton Contamination in XMM-Newton: A Machine Learning Approach. <i>Astrophysical Journal</i> , 2020, 903, 89.	4.5	10
60	Long X-ray flares from the central source in RCW 103. <i>Astronomy and Astrophysics</i> , 2019, 626, A19.	5.1	9
61	X-Ray and Radio Bursts from the Magnetar 1E 1547.0+5408. <i>Astrophysical Journal</i> , 2021, 907, 7.	4.5	9
62	Monte Carlo simulations of soft proton flares: testing the physics with XMM-Newton. <i>Proceedings of SPIE</i> , 2016, , .	0.8	8
63	The effect of X-ray dust scattering on a bright burst from the magnetar 1E 1547.0+5408. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3467-3474.	4.4	8
64	Discovery of Periodic Dips in the Brightest Hard X-Ray Source of M31 with EXTraS. <i>Astrophysical Journal Letters</i> , 2017, 851, L27.	8.3	8
65	Detailed X-ray spectroscopy of the magnetar 1E 2259+586. <i>Astronomy and Astrophysics</i> , 2019, 626, A39.	5.1	8
66	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
67	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
68	IKT 16: the first X-ray confirmed composite SNR in the SMC. <i>Astronomy and Astrophysics</i> , 2015, 584, A41.	5.1	7
69	Results from DROXO. <i>Astronomy and Astrophysics</i> , 2016, 587, A36.	5.1	7
70	A systematic analysis of the XMM-Newton background: III. Impact of the magnetospheric environment. <i>Experimental Astronomy</i> , 2017, 44, 273-285.	3.7	7
71	Analysis of the Unconcentrated Background of the EPIC pn Camera on Board XMM-Newton. <i>Astrophysical Journal</i> , 2021, 908, 37.	4.5	7
72	New X-ray observations of the hot subdwarf binary HD 49798/RX J0648.0+4418. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 920-925.	4.4	7

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73	Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021, 52, 309-406.	3.7	7
74	The magnetar candidate AX J1818.8-1559. <i>Astronomy and Astrophysics</i> , 2012, 546, A30.	5.1	6
75	Dust-scattering Halo and Giant Hard X-Ray Flare from the Supergiant Fast X-Ray Transient IGR J16479-4514 Investigated with XMM-Newton and INTEGRAL. <i>Astrophysical Journal</i> , 2020, 900, 22.	4.5	5
76	Discovery of a 3 s Spinning Neutron Star in a 4.15 hr Orbit in the Brightest Hard X-Ray Source in M31. <i>Astrophysical Journal Letters</i> , 2018, 861, L26.	8.3	4
77	A science gateway for Exploring the X-ray Transient and variable sky using EGI Federated Cloud. <i>Future Generation Computer Systems</i> , 2019, 94, 868-878.	7.5	4
78	A multiwavelength search for black widow and redback counterparts of candidate $\hat{\gamma}$ -ray millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5364-5382.	4.4	4
79	Prediction of Soft Proton Intensities in the Near-Earth Space Using Machine Learning. <i>Astrophysical Journal</i> , 2021, 921, 76.	4.5	4
80	Recurrent X-ray flares of the black hole candidate in the globular cluster RZ 2109 in NGC 4472. <i>Astronomy and Astrophysics</i> , 2022, 661, A68.	5.1	4
81	The first seven months of the 2020 X-ray outburst of the magnetar SGR J1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 602-616.	4.4	4
82	Long term spectral variability in the soft gamma-ray repeater SGR 1900+14. <i>Astrophysics and Space Science</i> , 2007, 308, 33-37.	1.4	3
83	LONG-TERM STUDY OF THE DOUBLE PULSAR J0737-3039 WITH XMM-NEWTON: PULSAR TIMING. <i>Astrophysical Journal</i> , 2016, 824, 87.	4.5	3
84	EXTraS discovery of a peculiar flaring X-ray source in the Galactic globular cluster NGC 6540. <i>Astronomy and Astrophysics</i> , 2018, 616, A36.	5.1	3
85	The Origin of the Unfocused XMM-Newton Background, Its Variability, and Lessons Learned for ATHENA. <i>Astrophysical Journal</i> , 2022, 928, 168.	4.5	3
86	A citizen science exploration of the X-ray transient sky using the EXTraS science gateway. <i>Future Generation Computer Systems</i> , 2020, 111, 806-818.	7.5	2
87	IKT 16 aka PSR J0058-7218: discovery of a 22 ms energetic rotation-powered pulsar in the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 507, L1-L5.	3.3	2
88	X-Ray Observation of the Roche-lobe-filling White Dwarf plus Hot Subdwarf System ZTF J213056.71+442046.5. <i>Astrophysical Journal</i> , 2022, 931, 13.	4.5	1
89	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