

Tolga Guver

List of Publications by Year in descending order

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101
papers

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citations

136885

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102
times ranked

4167
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulse Peak Migration during the Outburst Decay of the Magnetar SGR 1830-0645: Crustal Motion and Magnetospheric Untwisting. <i>Astrophysical Journal Letters</i> , 2022, 924, L27.	3.0	12
2	X-Ray Burst and Persistent Emission Properties of the Magnetar SGR 1830-0645 in Outburst. <i>Astrophysical Journal</i> , 2022, 924, 136.	1.6	5
3	Long term radio and X-ray evolution of the magnetar Swift J1818.0-1607. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1687-1695.	1.6	6
4	Broad-band time-resolved spectroscopy of thermonuclear X-ray bursts from 4U 1636â [~] 536 using <i>AstroSat</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3989-4007.	1.6	7
5	The X-Ray Bursts of XTE J1739â [~] 285: A NICER Sample. <i>Astrophysical Journal</i> , 2021, 907, 79.	1.6	13
6	Broadband X-ray burst spectroscopy of the fast-radio-burst-emitting Galactic magnetar. <i>Nature Astronomy</i> , 2021, 5, 408-413.	4.2	31
7	NICER Discovery of Millisecond X-Ray Pulsations and an Ultracompact Orbit in IGR J17494-3030. <i>Astrophysical Journal Letters</i> , 2021, 908, L15.	3.0	14
8	Thermonuclear X-Ray Bursts with Late Secondary Peaks Observed from 4U 1608â [~] 52. <i>Astrophysical Journal</i> , 2021, 910, 37.	1.6	6
9	Enhanced x-ray emission coinciding with giant radio pulses from the Crab Pulsar. <i>Science</i> , 2021, 372, 187-190.	6.0	13
10	A Month of Monitoring the New Magnetar Swift J1555.2â [~] 5402 during an X-Ray Outburst. <i>Astrophysical Journal Letters</i> , 2021, 920, L4.	3.0	3
11	A NICER look at thermonuclear X-ray bursts from Aqlâ [~] X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1577-1596.	1.6	12
12	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April [*] . <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	3.0	25
13	Infrared colours and spectral energy distributions of hard X-ray selected obscured and Compton-thick active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5793-5810.	1.6	5
14	Discovery of thermonuclear (Type I) X-ray bursts in the X-ray binary Swift J1858.6â [~] 0814 observed with <i>NICER</i> and <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 793-803.	1.6	21
15	Strengthening the bounds on the r-mode amplitude with X-ray observations of millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2734-2749.	1.6	9
16	NICER Observation of the Temporal and Spectral Evolution of Swift J1818.0â [~] 1607: A Missing Link between Magnetars and Rotation-powered Pulsars. <i>Astrophysical Journal</i> , 2020, 902, 1.	1.6	21
17	NICER View of the 2020 Burst Storm and Persistent Emission of SGR 1935+2154. <i>Astrophysical Journal Letters</i> , 2020, 904, L21.	3.0	53
18	Persistent Emission Properties of SGR J1935+2154 during Its 2020 Active Episode. <i>Astrophysical Journal Letters</i> , 2020, 905, L31.	3.0	5

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19	Discovery of thermonuclear Type-I X-ray bursts from the X-ray binary MAXI J1807+132. Monthly Notices of the Royal Astronomical Society, 2020, 501, 261-268.	1.6	4
20	A Joint NICER and XMM-Newton View of the “Magnificent” Thermally Emitting X-Ray Isolated Neutron Star RX J1605.3+3249. Astrophysical Journal, 2019, 880, 74.	1.6	11
21	NICER Observations of the 2018 Outburst of XTE J1810-197. Astrophysical Journal Letters, 2019, 877, L30.	3.0	1
22	A NICER Thermonuclear Burst from the Millisecond X-Ray Pulsar SAX J1808.4-3658. Astrophysical Journal Letters, 2019, 885, L1.	3.0	39
23	NICER Observes a Secondary Peak in the Decay of a Thermonuclear Burst from 4U 1608-52. Astrophysical Journal, 2019, 883, 61.	1.6	15
24	Superhump period of SDSS J214354.59+124457.8: First ZCam star with superhumps in the standstill. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1451-1462.	1.6	1
25	CCD UBV photometric and Gaia astrometric study of eight open clusters “ASCC 115, Collinder 421, NGC 6793, NGC 7031, NGC 7039, NGC 7086, Roslund 1 and Stock 21. Astrophysics and Space Science, 2019, 364, 1.	0.5	14
26	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5294-5318.	1.6	22
27	Variable absorption line in XTE J1810-197. New Astronomy, 2019, 67, 45-52.	0.8	4
28	NICER Detection of Strong Photospheric Expansion during a Thermonuclear X-Ray Burst from 4U 1820-30. Astrophysical Journal Letters, 2018, 856, L37.	3.0	22
29	NICER Observes the Effects of an X-Ray Burst on the Accretion Environment in Aql X-1. Astrophysical Journal Letters, 2018, 855, L4.	3.0	32
30	NICER Discovers mHz Oscillations in the “Clocked” Burster GS 1826-238. Astrophysical Journal, 2018, 865, 63.	1.6	16
31	CCD UBV photometric study of five open clusters “Dolidze 36, NGC 6728, NGC 6800, NGC 7209, and Platais 1. Astrophysics and Space Science, 2018, 363, 1.	0.5	11
32	A new catalogue of Galactic novae: investigation of the MMRD relation and spatial distribution. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4162-4186.	1.6	31
33	Partial Accretion in the Propeller Stage of Low-mass X-Ray Binary Aql X-1. Astrophysical Journal, 2017, 848, 13.	1.6	80
34	X-ray bounds on the r-mode amplitude in millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2560-2569.	1.6	15
35	PROBING X-RAY ABSORPTION AND OPTICAL EXTINCTION IN THE INTERSTELLAR MEDIUM USING CHANDRA OBSERVATIONS OF SUPERNOVA REMNANTS. Astrophysical Journal, 2016, 826, 66.	1.6	84
36	NEUTRON STAR MASS “RADIUS CONSTRAINTS OF THE QUIESCENT LOW-MASS X-RAY BINARIES X7 AND X5 IN THE GLOBULAR CLUSTER 47 TUC. Astrophysical Journal, 2016, 831, 184.	1.6	83

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37	The distances of the Galactic novae. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1177-1201.	1.6	19
38	Status of Focal Plane Instrumentation (FPI) project of the 4m DAG telescope. Proceedings of SPIE, 2016, , .	0.8	0
39	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
40	SYSTEMATIC UNCERTAINTIES IN THE SPECTROSCOPIC MEASUREMENTS OF NEUTRON STAR MASSES AND RADII FROM THERMONUCLEAR X-RAY BURSTS. III. ABSOLUTE FLUX CALIBRATION. Astrophysical Journal, 2016, 829, 48.	1.6	9
41	THE DENSE MATTER EQUATION OF STATE FROM NEUTRON STAR RADIUS AND MASS MEASUREMENTS. Astrophysical Journal, 2016, 820, 28.	1.6	251
42	CCD UBV photometry and kinematics of the open cluster NGC 225. Advances in Space Research, 2016, 58, 1900-1914.	1.2	10
43	A microwave kinetic inductance detector for the DAG telescope. Proceedings of SPIE, 2016, , .	0.8	0
44	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. Astrophysical Journal, 2016, 819, 156.	1.6	90
45	CCD UBV UBV photometry of the open cluster NGC 6819. Astrophysics and Space Science, 2016, 361, 1.	0.5	15
46	Project management of DAG: Eastern Anatolia Observatory. Proceedings of SPIE, 2016, , .	0.8	0
47	FIRST <i>NuSTAR</i> OBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. Astrophysical Journal, 2015, 812, 65.	1.6	49
48	Ground-based transit observations of the HAT-P-18, HAT-P-19, HAT-P-27/WASP40 and WASP-21 systems. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4060-4072.	1.6	38
49	A comprehensive study of the open cluster NGC 6866. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1095-1107.	1.6	20
50	MAPPING THE SURFACE OF THE MAGNETAR 1E 1048.1â€“5937 IN OUTBURST AND QUIESCENCE THROUGH PHASE-RESOLVED X-RAY SPECTROSCOPY. Astrophysical Journal, 2015, 801, 48.	1.6	3
51	WASP-14b: transit timing analysis of 19 light curves. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4139-4149.	1.6	36
52	CCD UBVRi photometry of NGC 6811. Astrophysics and Space Science, 2015, 355, 267-281.	0.5	19
53	X-RAY PERSPECTIVE OF THE TWISTED MAGNETOSPHERES OF MAGNETARS. Astrophysical Journal, 2015, 805, 81.	1.6	8
54	Multiwavelength observations of the black hole transient Swift J1745âˆ“26 during the outburst decay. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1288-1298.	1.6	12

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55	Transit timing analysis in the HAT-P-32 system. Monthly Notices of the Royal Astronomical Society, 2014, 441, 304-315.	1.6	42
56	Classification and spectral evolution of outbursts of Aql X-1. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2717-2727.	1.6	18
57	THE AFTERGLOW OF GRB 130427A FROM 1 TO 10 ¹⁶ GHz. Astrophysical Journal, 2014, 781, 37.	1.6	163
58	A trio of gamma-ray burst supernovae. Astronomy and Astrophysics, 2014, 568, A19.	2.1	62
59	THE OPTICAL LUMINOSITY FUNCTION OF GAMMA-RAY BURSTS DEDUCED FROM ROTSE-III OBSERVATIONS. Astrophysical Journal, 2014, 795, 103.	1.6	3
60	On the capture of dark matter by neutron stars. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 013-013.	1.9	83
61	Population types of cataclysmic variables in the solar neighbourhood. New Astronomy, 2013, 22, 7-14.	0.8	6
62	MULTIWAVELENGTH OBSERVATIONS OF THE BLACK HOLE TRANSIENT XTE J1752-223 DURING ITS 2010 OUTBURST DECAY. Astrophysical Journal, 2013, 770, 10.	1.6	13
63	THE MASS AND THE RADIUS OF THE NEUTRON STAR IN THE TRANSIENT LOW-MASS X-RAY BINARY SAX J1748.9-2021. Astrophysical Journal Letters, 2013, 765, L1.	3.0	79
64	Speech enhancement by maintaining phase continuity. Proceedings of Meetings on Acoustics, 2013, , .	0.3	2
65	PANCHROMATIC OBSERVATIONS OF THE TEXTBOOK GRB 110205A: CONSTRAINING PHYSICAL MECHANISMS OF PROMPT EMISSION AND AFTERGLOW. Astrophysical Journal, 2012, 751, 90.	1.6	41
66	SYSTEMATIC UNCERTAINTIES IN THE SPECTROSCOPIC MEASUREMENTS OF NEUTRON-STAR MASSES AND RADII FROM THERMONUCLEAR X-RAY BURSTS. II. EDDINGTON LIMIT. Astrophysical Journal, 2012, 747, 77.	1.6	39
67	THE MASS AND RADIUS OF THE NEUTRON STAR IN THE BULGE LOW-MASS X-RAY BINARY KS 1731-260. Astrophysical Journal, 2012, 748, 5.	1.6	53
68	SYSTEMATIC UNCERTAINTIES IN THE SPECTROSCOPIC MEASUREMENTS OF NEUTRON-STAR MASSES AND RADII FROM THERMONUCLEAR X-RAY BURSTS. I. APPARENT RADII. Astrophysical Journal, 2012, 747, 76.	1.6	66
69	ON THE X-RAY EMISSION MECHANISMS OF THE PERSISTENT SOURCE AND VERY LOW FLUENCE BURSTS OF SGR J0501+4516. Astrophysical Journal, 2012, 761, 132.	1.6	6
70	On the cooling trend of SGR 0526-66. Monthly Notices of the Royal Astronomical Society, 2012, 424, 210-216.	1.6	10
71	LONG-TERM RADIATIVE BEHAVIOR OF SGR 1900+14. Astrophysical Journal, 2011, 728, 160.	1.6	12
72	<i>CHANDRA</i> AND <i>RXTE</i> OBSERVATIONS OF 1E 1547.0-5408: COMPARING THE 2008 AND 2009 OUTBURSTS. Astrophysical Journal, 2011, 729, 131.	1.6	36

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73	A magnetar strength surface magnetic field for the slowly spinning down SGR 0418+5729. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2773-2778.	1.6	36
74	GRB 081008: FROM BURST TO AFTERGLOW AND THE TRANSITION PHASE IN BETWEEN. Astrophysical Journal, 2010, 711, 870-880.	1.6	25
75	THE DISTANCE, MASS, AND RADIUS OF THE NEUTRON STAR IN 4U 1608â€“52. Astrophysical Journal, 2010, 712, 964-973.	1.6	212
76	CCD BV and 2MASS photometric study of the open cluster NGCÂ1513. Astrophysics and Space Science, 2010, 326, 139-150.	0.5	13
77	THE MASS AND RADIUS OF THE NEUTRON STAR IN 4U 1820â€“30. Astrophysical Journal, 2010, 719, 1807-1812.	1.6	207
78	Astrophysical measurement of the equation of state of neutron star matter. Physical Review D, 2010, 82, .	1.6	252
79	Optical imaging and spectroscopic observation of the galactic supernova remnant G85.9-0.6. Astrophysics and Space Science, 2009, 324, 17-22.	0.5	3
80	The relation between optical extinction and hydrogen column density in the Galaxy. Monthly Notices of the Royal Astronomical Society, 2009, 400, 2050-2053.	1.6	476
81	THE MASS AND RADIUS OF THE NEUTRON STAR IN EXO 1745â€“248. Astrophysical Journal, 2009, 693, 1775-1779.	1.6	218
82	LOOKING INTO THE FIREBALL: ROTSE-III AND<i>SWIFT</i> OBSERVATIONS OF EARLY GAMMA-RAY BURST AFTERGLOWS. Astrophysical Journal, 2009, 702, 489-505.	1.6	87
83	The Magnetic Fields of Anomalous X-ray Pulsars. AIP Conference Proceedings, 2008, , .	0.3	2
84	Physical Properties of the AXP 4U 0142+61 from Xâ€“Ray Spectral Analysis. Astrophysical Journal, 2008, 675, 1499-1504.	1.6	26
85	Prompt optical observations of GRB 080330 and GRB 080413A. , 2008, , .		5
86	Exploring Broadband GRB Behavior during Î³â€“Ray Emission. Astrophysical Journal, 2007, 657, 925-941.	1.6	51
87	Hardness-Intensity Correlations in Magnetar Afterglows. Astrophysical Journal, 2007, 659, L141-L144.	1.6	16
88	The Magnetar Nature and the Outburst Mechanism of a Transient Anomalous X-Ray Pulsar. Astrophysical Journal, 2007, 667, L73-L76.	1.6	42
89	Detection of GRB 060927 at<i>z</i>= 5.47: Implications for the Use of Gammaâ€“Ray Bursts as Probes of the End of the Dark Ages. Astrophysical Journal, 2007, 669, 1-9.	1.6	56
90	The Dark Side of ROTSEâ€“III Prompt GRB Observations. Astrophysical Journal, 2007, 669, 1107-1114.	1.6	35

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91	Optical Light Curve and Cooling Break of GRB 050502A. <i>Astrophysical Journal</i> , 2006, 636, 959-966.	1.6	19
92	The Anomalous Early Afterglow of GRB 050801. <i>Astrophysical Journal</i> , 2006, 638, L5-L8.	1.6	46
93	X-ray spectral variations of U Gem from quiescence to outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 450-456.	1.6	8
94	Galactic model parameters for field giants separated from field dwarfs by their 2MASS and V apparent magnitudes. <i>Astronomische Nachrichten</i> , 2006, 327, 72-81.	0.6	19
95	Separation of dwarf and giant stars with ROTSE-III. <i>Astronomische Nachrichten</i> , 2006, 327, 693-697.	0.6	11
96	Status of the ROTSE-III telescope network. <i>Astronomische Nachrichten</i> , 2006, 327, 803-805.	0.6	9
97	ROTSE-III Performance in the Swift Era. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	1
98	Early-Time Observations of the GRB 050319 Optical Transient. <i>Astrophysical Journal</i> , 2006, 640, 402-406.	1.6	39
99	Prompt Optical Detection of GRB 050401 with ROTSE-IIIa. <i>Astrophysical Journal</i> , 2005, 631, L121-L124.	1.6	56
100	A Search for Untriggered GRB Afterglows with ROTSE-III. <i>Astrophysical Journal</i> , 2005, 631, 1032-1038.	1.6	39
101	Gamma ray burst afterglow studies in turkey. , 0, , .		0