

Tanmoy Laskar

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,652
citations

172457

29
h-index

182427

51
g-index

55
all docs

55
docs citations

55
times ranked

3604
citing authors

#	ARTICLE	IF	CITATIONS
1	Radio and X-Ray Observations of the Luminous Fast Blue Optical Transient AT 2020xnd. <i>Astrophysical Journal</i> , 2022, 926, 112.	4.5	29
2	Evidence for X-Ray Emission in Excess to the Jet-afterglow Decay 3.5 yr after the Binary Neutron Star Merger GW 170817: A New Emission Component. <i>Astrophysical Journal Letters</i> , 2022, 927, L17.	8.3	41
3	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 18.	7.7	21
4	GRB 180418A: A Possibly Short Gamma-Ray Burst with a Wide-angle Outflow in a Faint Host Galaxy. <i>Astrophysical Journal</i> , 2021, 912, 95.	4.5	8
5	GRB host galaxies with strong H ₂ absorption: CO-dark molecular gas at the peak of cosmic star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1434-1440.	4.4	0
6	Probing Kilonova Ejecta Properties Using a Catalog of Short Gamma-Ray Burst Observations. <i>Astrophysical Journal</i> , 2021, 916, 89.	4.5	20
7	The Broadband Counterpart of the Short GRB 200522A at $z=0.5536$: A Luminous Kilonova or a Collimated Outflow with a Reverse Shock?. <i>Astrophysical Journal</i> , 2021, 906, 127.	4.5	48
8	A Late-time Galaxy-targeted Search for the Radio Counterpart of GW190814. <i>Astrophysical Journal</i> , 2021, 923, 66.	4.5	16
9	The Tidal Disruption Event AT2018hyz II: Light-curve modelling of a partially disrupted star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1925-1934.	4.4	25
10	Methods for detection and analysis of weak radio sources with single-dish radio telescopes. <i>Experimental Astronomy</i> , 2020, 49, 159-182.	3.7	3
11	Lyman continuum leakage in faint star-forming galaxies at redshift $z \sim 3-3.5$ probed by gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2020, 641, A30.	5.1	13
12	A Mildly Relativistic Outflow from the Energetic, Fast-rising Blue Optical Transient CSS161010 in a Dwarf Galaxy. <i>Astrophysical Journal Letters</i> , 2020, 895, L23.	8.3	70
13	Radio Linear Polarization of GRB Afterglows: Instrumental Systematics in ALMA Observations of GRB 171205A. <i>Astrophysical Journal</i> , 2020, 895, 64.	4.5	6
14	A Late-time Radio Survey of Short Gamma-ray Bursts at $z < 0.5$: New Constraints on the Remnants of Neutron-star Mergers. <i>Astrophysical Journal</i> , 2020, 902, 82.	4.5	31
15	GRB Fermi-LAT Afterglows: Explaining Flares, Breaks, and Energetic Photons. <i>Astrophysical Journal</i> , 2020, 905, 112.	4.5	28
16	Discovery of the Optical Afterglow and Host Galaxy of Short GRB 181123B at $z=1.754$: Implications for Delay Time Distributions. <i>Astrophysical Journal Letters</i> , 2020, 898, L32.	8.3	24
17	X-Ray Emission from GW170817 ~ 42.5 years After the Merger. <i>Research Notes of the AAS</i> , 2020, 4, 68.	0.7	10
18	The Optical Afterglow of GW170817: An Off-axis Structured Jet and Deep Constraints on a Globular Cluster Origin. <i>Astrophysical Journal Letters</i> , 2019, 883, L1.	8.3	69

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19	Follow-up of the Neutron Star Bearing Gravitational-wave Candidate Events S190425z and S190426c with MMT and SOAR. <i>Astrophysical Journal Letters</i> , 2019, 880, L4.	8.3	63
20	A robotic pipeline for fast GRB followup with the Las Cumbres observatory network. <i>Experimental Astronomy</i> , 2019, 48, 25-48.	3.7	1
21	The fraction of ionizing radiation from massive stars that escapes to the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5380-5408.	4.4	43
22	ALMA Detection of a Linearly Polarized Reverse Shock in GRB 190114C. <i>Astrophysical Journal Letters</i> , 2019, 878, L26.	8.3	45
23	An Unexpectedly Small Emission Region Size Inferred from Strong High-frequency Diffractive Scintillation in GRB 161219B. <i>Astrophysical Journal</i> , 2019, 870, 67.	4.5	12
24	An Embedded X-Ray Source Shines through the Aspherical AT2018cow: Revealing the Inner Workings of the Most Luminous Fast-evolving Optical Transients. <i>Astrophysical Journal</i> , 2019, 872, 18.	4.5	160
25	Two Years of Nonthermal Emission from the Binary Neutron Star Merger GW170817: Rapid Fading of the Jet Afterglow and First Constraints on the Kilonova Fastest Ejecta. <i>Astrophysical Journal Letters</i> , 2019, 886, L17.	8.3	117
26	A Reverse Shock in GRB 181201A. <i>Astrophysical Journal</i> , 2019, 884, 121.	4.5	37
27	The Properties of GRB 120923A at a Spectroscopic Redshift of $z \approx 7.8$. <i>Astrophysical Journal</i> , 2018, 865, 107.	4.5	23
28	On the Deceleration and Spreading of Relativistic Jets. I. Jet Dynamics. <i>Astrophysical Journal</i> , 2018, 865, 94.	4.5	14
29	Synchrotron self-absorption in GRB afterglows: the effects of a thermal electron population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4060-4068.	4.4	28
30	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. <i>Astrophysical Journal</i> , 2018, 852, 81.	4.5	88
31	First ALMA Light Curve Constrains Refreshed Reverse Shocks and Jet Magnetization in GRB 161219B. <i>Astrophysical Journal</i> , 2018, 862, 94.	4.5	32
32	A VLA Study of High-redshift GRBs. I. Multiwavelength Observations and Modeling of GRB 140311A. <i>Astrophysical Journal</i> , 2018, 858, 65.	4.5	20
33	A VLA Study of High-redshift GRBs. II. The Complex Radio Afterglow of GRB 140304A: Shell Collisions and Two Reverse Shocks. <i>Astrophysical Journal</i> , 2018, 859, 134.	4.5	24
34	A Reverse Shock and Unusual Radio Properties in GRB 160625B. <i>Astrophysical Journal</i> , 2017, 848, 69.	4.5	46
35	Thermal Electrons in Gamma-Ray Burst Afterglows. <i>Astrophysical Journal</i> , 2017, 845, 150.	4.5	33
36	A REVERSE SHOCK IN GRB 160509A. <i>Astrophysical Journal</i> , 2016, 833, 88.	4.5	63

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37	THE SWIFT GRB HOST GALAXY LEGACY SURVEY. II. REST-FRAME NEAR-IR LUMINOSITY DISTRIBUTION AND EVIDENCE FOR A NEAR-SOLAR METALLICITY THRESHOLD. <i>Astrophysical Journal</i> , 2016, 817, 8.	4.5	135
38	THE AFTERGLOW AND EARLY-TYPE HOST GALAXY OF THE SHORT GRB 150101B AT $z=0.1343$. <i>Astrophysical Journal</i> , 2016, 833, 151.	4.5	62
39	THE INTERMEDIATE LUMINOSITY OPTICAL TRANSIENT SN 2010DA: THE PROGENITOR, ERUPTION, AND AFTERMATH OF A PECULIAR SUPERGIANT HIGH-MASS X-RAY BINARY. <i>Astrophysical Journal</i> , 2016, 830, 11.	4.5	30
40	THE SWIFT GAMMA-RAY BURST HOST GALAXY LEGACY SURVEY. I. SAMPLE SELECTION AND REDSHIFT DISTRIBUTION. <i>Astrophysical Journal</i> , 2016, 817, 7.	4.5	103
41	ENERGY INJECTION IN GAMMA-RAY BURST AFTERGLOWS. <i>Astrophysical Journal</i> , 2015, 814, 1.	4.5	63
42	DUST IN THE WIND: THE ROLE OF RECENT MASS LOSS IN LONG GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2015, 805, 159.	4.5	33
43	ALMA OBSERVATIONS OF THE HOST GALAXY OF GRB 090423 AT $z=8.23$: DEEP LIMITS ON OBSCURED STAR FORMATION 630 MILLION YEARS AFTER THE BIG BANG. <i>Astrophysical Journal</i> , 2014, 796, 96.	4.5	14
44	HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE AND LONG-DURATION GAMMA-RAY BURSTS HAVE SIMILAR HOST GALAXIES. <i>Astrophysical Journal</i> , 2014, 787, 138.	4.5	221
45	GRB 120521C AT $z=6$ AND THE PROPERTIES OF HIGH-REDSHIFT γ -RAY BURSTS. <i>Astrophysical Journal</i> , 2014, 781, 1.	4.5	71
46	SHORT GRB 130603B: DISCOVERY OF A JET BREAK IN THE OPTICAL AND RADIO AFTERGLOWS, AND A MYSTERIOUS LATE-TIME X-RAY EXCESS. <i>Astrophysical Journal</i> , 2014, 780, 118.	4.5	142
47	DEMOGRAPHICS OF THE GALAXIES HOSTING SHORT-DURATION GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 769, 56.	4.5	152
48	A REVERSE SHOCK IN GRB 130427A. <i>Astrophysical Journal</i> , 2013, 776, 119.	4.5	108
49	ILLUMINATING THE DARKEST GAMMA-RAY BURSTS WITH RADIO OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 767, 161.	4.5	27
50	GRB 130606A AS A PROBE OF THE INTERGALACTIC MEDIUM AND THE INTERSTELLAR MEDIUM IN A STAR-FORMING GALAXY IN THE FIRST Gyr AFTER THE BIG BANG. <i>Astrophysical Journal</i> , 2013, 774, 26.	4.5	77
51	THE AFTERGLOW AND ULIRG HOST GALAXY OF THE DARK SHORT GRB 120804A. <i>Astrophysical Journal</i> , 2013, 765, 121.	4.5	41
52	Intrinsic Sizes of the W3 (OH) Masers via Short Time Scale Variability. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 465-469.	0.0	1
53	EXPLORING THE GALAXY MASS-METALLICITY RELATION AT $z=3-5$. <i>Astrophysical Journal</i> , 2011, 739, 14.5		60
54	Exploring the Galaxy Mass-Metallicity Relation at $z=3-5$. , 2011, , .		0