

Shriharsh P Tendulkar

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

6,760
citations

87888

38
h-index

123424

61
g-index

61
all docs

61
docs citations

61
times ranked

3131
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	27.8	616
2	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	8.3	495
3	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , 2021, 915, L12.	8.3	416
4	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	27.8	368
5	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2019, 885, L24.	8.3	302
6	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarcsecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	8.3	300
7	A repeating fast radio burst source localized to a nearby spiral galaxy. <i>Nature</i> , 2020, 577, 190-194.	27.8	297
8	A SURVEY OF THE HIGH ORDER MULTIPLICITY OF NEARBY SOLAR-TYPE BINARY STARS WITH Robo-AO. <i>Astrophysical Journal</i> , 2015, 799, 4.	4.5	260
9	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 177.	4.5	238
10	FRB 121102 Bursts Show Complex Time-Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019, 876, L23.	8.3	230
11	Highest Frequency Detection of FRB 121102 at 4-8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	4.5	226
12	The CHIME Fast Radio Burst Project: System Overview. <i>Astrophysical Journal</i> , 2018, 863, 48.	4.5	215
13	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 59.	7.7	199
14	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. <i>Astrophysical Journal Letters</i> , 2020, 891, L6.	8.3	178
15	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017, 850, 76.	4.5	148
16	ROBOTIC LASER ADAPTIVE OPTICS IMAGING OF 715 KEPLER EXOPLANET CANDIDATES USING ROBO-AO. <i>Astrophysical Journal</i> , 2014, 791, 35.	4.5	136
17	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	8.3	130
18	A Nearby Repeating Fast Radio Burst in the Direction of M81. <i>Astrophysical Journal Letters</i> , 2021, 910, L18.	8.3	124

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19	ACCRETION-POWERED PULSATIONS IN AN APPARENTLY QUIESCENT NEUTRON STAR BINARY. <i>Astrophysical Journal</i> , 2015, 807, 62.	4.5	114
20	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	27.8	110
21	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021, 923, 1.	4.5	109
22	Simultaneous X-Ray, Gamma-Ray, and Radio Observations of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal</i> , 2017, 846, 80.	4.5	99
23	LOFAR Detection of 110–188 MHz Emission and Frequency-dependent Activity from FRB 20180916B. <i>Astrophysical Journal Letters</i> , 2021, 911, L3.	8.3	99
24	CHIME/FRB Detection of the Original Repeating Fast Radio Burst Source FRB 121102. <i>Astrophysical Journal Letters</i> , 2019, 882, L18.	8.3	98
25	COORDINATED X-RAY, ULTRAVIOLET, OPTICAL, AND RADIO OBSERVATIONS OF THE PSR J1023+0038 SYSTEM IN A LOW-MASS X-RAY BINARY STATE. <i>Astrophysical Journal</i> , 2015, 806, 148.	4.5	93
26	A MAGNETAR-LIKE OUTBURST FROM A HIGH-B RADIO PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 829, L21.	8.3	82
27	RADIO NONDETECTION OF THE SGR 1806–20 GIANT FLARE AND IMPLICATIONS FOR FAST RADIO BURSTS. <i>Astrophysical Journal</i> , 2016, 827, 59.	4.5	73
28	Detection of Repeating FRB 180916.J0158+65 Down to Frequencies of 300 MHz. <i>Astrophysical Journal Letters</i> , 2020, 896, L41.	8.3	70
29	The 60 pc Environment of FRB 20180916B. <i>Astrophysical Journal Letters</i> , 2021, 908, L12.	8.3	67
30	<i>NuSTAR</i> OBSERVATIONS OF THE STATE TRANSITION OF MILLISECOND PULSAR BINARY PSR J1023+0038. <i>Astrophysical Journal</i> , 2014, 791, 77.	4.5	58
31	PROPER MOTIONS AND ORIGINS OF SGR 1806–20 AND SGR 1900+14. <i>Astrophysical Journal</i> , 2012, 761, 76.	4.5	46
32	A Local Universe Host for the Repeating Fast Radio Burst FRB 20181030A. <i>Astrophysical Journal Letters</i> , 2021, 919, L24.	8.3	46
33	Burst timescales and luminosities as links between young pulsars and fast radio bursts. <i>Nature Astronomy</i> , 2022, 6, 393-401.	10.1	46
34	A Bright Fast Radio Burst from FRB 20200120E with Sub-100 Nanosecond Structure. <i>Astrophysical Journal Letters</i> , 2021, 919, L6.	8.3	44
35	A High-resolution View of Fast Radio Burst Host Environments. <i>Astrophysical Journal</i> , 2021, 917, 75.	4.5	41
36	The CHIME Pulsar Project: System Overview. <i>Astrophysical Journal</i> , Supplement Series, 2021, 255, 5.	7.7	40

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37	CHIME/FRB Catalog 1 Results: Statistical Cross-correlations with Large-scale Structure. <i>Astrophysical Journal</i> , 2021, 922, 42.	4.5	40
38	Simultaneous X-Ray and Radio Observations of the Repeating Fast Radio Burst FRB $\hat{1}/4$ 180916.J0158+65. <i>Astrophysical Journal</i> , 2020, 901, 165.	4.5	38
39	The host galaxy and persistent radio counterpart of FRB \hat{e} %20201124A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 982-990.	4.4	38
40	Sub-second periodicity in a fast radio burst. <i>Nature</i> , 2022, 607, 256-259.	27.8	37
41	Probabilistic Association of Transients to their Hosts (PATH). <i>Astrophysical Journal</i> , 2021, 911, 95.	4.5	32
42	An Analysis Pipeline for CHIME/FRB Full-array Baseband Data. <i>Astrophysical Journal</i> , 2021, 910, 147.	4.5	31
43	<i><i>NuSTAR</i></i> DISCOVERY OF A CYCLOTRON LINE IN THE BE/X-RAY BINARY RX J0520.5 \hat{e} “6932 DURING OUTBURST. <i>Astrophysical Journal</i> , 2014, 795, 154.	4.5	29
44	Modeling Fast Radio Burst Dispersion and Scattering Properties in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2022, 927, 35.	4.5	29
45	PHASE-RESOLVED <i><i>NuSTAR</i></i> AND <i><i>SWIFT</i></i> -XRT OBSERVATIONS OF MAGNETAR 4U 0142+61. <i>Astrophysical Journal</i> , 2015, 808, 32.	4.5	28
46	A Search for Late-time Radio Emission and Fast Radio Bursts from Superluminous Supernovae. <i>Astrophysical Journal</i> , 2019, 886, 24.	4.5	28
47	Magnetar-like X-Ray Bursts Suppress Pulsar Radio Emission. <i>Astrophysical Journal Letters</i> , 2017, 849, L20.	8.3	26
48	DISTORTED CYCLOTRON LINE PROFILE IN CEP X-4 AS OBSERVED BY <i><i>NuSTAR</i></i> . <i>Astrophysical Journal Letters</i> , 2015, 806, L24.	8.3	25
49	No Evidence for Galactic Latitude Dependence of the Fast Radio Burst Sky Distribution. <i>Astrophysical Journal</i> , 2021, 923, 2.	4.5	20
50	Faraday rotation measures of Northern hemisphere pulsars using CHIME/Pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2836-2848.	4.4	17
51	MILLIONS OF MULTIPLES: DETECTING AND CHARACTERIZING CLOSE-SEPARATION BINARY SYSTEMS IN SYNOPTIC SKY SURVEYS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 18.	7.7	16
52	Two New Outbursts and Transient Hard X-Rays from 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2020, 889, 160.	4.5	16
53	The 2016 Outburst of PSR J1119-6127: Cooling and a Spin-down-dominated Glitch. <i>Astrophysical Journal</i> , 2018, 869, 180.	4.5	14
54	First Discovery of New Pulsars and RRATs with CHIME/FRB. <i>Astrophysical Journal</i> , 2021, 922, 43.	4.5	14

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55	A Near-infrared Counterpart of 2E1613.5â€“5053: The Central Source in Supernova Remnant RCW103. <i>Astrophysical Journal</i> , 2017, 841, 11.	4.5	13
56	Localizing FRBs through VLBI with the Algonquin Radio Observatory 10 m Telescope. <i>Astronomical Journal</i> , 2022, 163, 65.	4.7	12
57	Multiband Detection of Repeating FRB 20180916B. <i>Astrophysical Journal</i> , 2022, 932, 98.	4.5	12
58	<i>NuSTAR</i>AND<i>SWIFT</i>OBSERVATIONS OF THE BLACK HOLE CANDIDATE XTE J1908+094 DURING ITS 2013 OUTBURST. <i>Astrophysical Journal</i> , 2015, 811, 51.	4.5	11
59	Prompt X-Ray Emission from Fast Radio Burstsâ€”Upper Limits with AstroSat. <i>Astrophysical Journal</i> , 2020, 888, 40.	4.5	11
60	The Discovery of Nulling and Mode-switching Pulsars with CHIME/Pulsar. <i>Astrophysical Journal</i> , 2020, 903, 81.	4.5	8
61	A Search for Molecular Gas in the Host Galaxy of FRB 121102. <i>Astronomical Journal</i> , 2018, 155, 227.	4.7	2