

# 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	Localizing FRBs through VLBI with the Algonquin Radio Observatory 10 m Telescope. <i>Astronomical Journal</i> , 2022, 163, 65.	4.7	12
2	Burst timescales and luminosities as links between young pulsars and fast radio bursts. <i>Nature Astronomy</i> , 2022, 6, 393-401.	10.1	46
3	A repeating fast radio burst source in a globular cluster. <i>Nature</i> , 2022, 602, 585-589.	27.8	110
4	Modeling Fast Radio Burst Dispersion and Scattering Properties in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2022, 927, 35.	4.5	29
5	The host galaxy and persistent radio counterpart of FRB 20201124A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 982-990.	4.4	38
6	Multiband Detection of Repeating FRB 20180916B. <i>Astrophysical Journal</i> , 2022, 932, 98.	4.5	12
7	Sub-second periodicity in a fast radio burst. <i>Nature</i> , 2022, 607, 256-259.	27.8	37
8	The 60 pc Environment of FRB 20180916B. <i>Astrophysical Journal Letters</i> , 2021, 908, L12.	8.3	67
9	A Nearby Repeating Fast Radio Burst in the Direction of M81. <i>Astrophysical Journal Letters</i> , 2021, 910, L18.	8.3	124
10	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
11	An Analysis Pipeline for CHIME/FRB Full-array Baseband Data. <i>Astrophysical Journal</i> , 2021, 910, 147.	4.5	31
12	Probabilistic Association of Transients to their Hosts (PATH). <i>Astrophysical Journal</i> , 2021, 911, 95.	4.5	32
13	The CHIME Pulsar Project: System Overview. <i>Astrophysical Journal</i> , Supplement Series, 2021, 255, 5.	7.7	40
14	Refined Mass and Geometric Measurements of the High-mass PSR J0740+6620. <i>Astrophysical Journal Letters</i> , 2021, 915, L12.	8.3	416
15	A High-resolution View of Fast Radio Burst Host Environments. <i>Astrophysical Journal</i> , 2021, 917, 75.	4.5	41
16	A Local Universe Host for the Repeating Fast Radio Burst FRB 20181030A. <i>Astrophysical Journal Letters</i> , 2021, 919, L24.	8.3	46
17	A Bright Fast Radio Burst from FRB 20200120E with Sub-100 Nanosecond Structure. <i>Astrophysical Journal Letters</i> , 2021, 919, L6.	8.3	44
18	CHIME/FRB Catalog 1 Results: Statistical Cross-correlations with Large-scale Structure. <i>Astrophysical Journal</i> , 2021, 922, 42.	4.5	40

#	ARTICLE	IF	CITATIONS
19	First Discovery of New Pulsars and RRATs with CHIME/FRB. <i>Astrophysical Journal</i> , 2021, 922, 43.	4.5	14
20	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021, 923, 1.	4.5	109
21	No Evidence for Galactic Latitude Dependence of the Fast Radio Burst Sky Distribution. <i>Astrophysical Journal</i> , 2021, 923, 2.	4.5	20
22	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 59.	7.7	199
23	A repeating fast radio burst source localized to a nearby spiral galaxy. <i>Nature</i> , 2020, 577, 190-194.	27.8	297
24	Two New Outbursts and Transient Hard X-Rays from 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2020, 889, 160.	4.5	16
25	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. <i>Astrophysical Journal Letters</i> , 2020, 891, L6.	8.3	178
26	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
27	Prompt X-Ray Emission from Fast Radio Bursts—Upper Limits with AstroSat. <i>Astrophysical Journal</i> , 2020, 888, 40.	4.5	11
28	Simultaneous X-Ray and Radio Observations of the Repeating Fast Radio Burst FRB $\frac{1}{4}$ 180916.J0158+65. <i>Astrophysical Journal</i> , 2020, 901, 165.	4.5	38
29	The Discovery of Nulling and Mode-switching Pulsars with CHIME/Pulsar. <i>Astrophysical Journal</i> , 2020, 903, 81.	4.5	8
30	Detection of Repeating FRB 180916.J0158+65 Down to Frequencies of 300 MHz. <i>Astrophysical Journal Letters</i> , 2020, 896, L41.	8.3	70
31	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2019, 885, L24.	8.3	302
32	CHIME/FRB Detection of the Original Repeating Fast Radio Burst Source FRB 121102. <i>Astrophysical Journal Letters</i> , 2019, 882, L18.	8.3	98
33	FRB 121102 Bursts Show Complex Time—Frequency Structure. <i>Astrophysical Journal Letters</i> , 2019, 876, L23.	8.3	230
34	A Search for Late-time Radio Emission and Fast Radio Bursts from Superluminous Supernovae. <i>Astrophysical Journal</i> , 2019, 886, 24.	4.5	28
35	An extreme magneto-ionic environment associated with the fast radio burst source FRB 121102. <i>Nature</i> , 2018, 553, 182-185.	27.8	368
36	A Search for Molecular Gas in the Host Galaxy of FRB 121102. <i>Astronomical Journal</i> , 2018, 155, 227.	4.7	2

#	ARTICLE	IF	CITATIONS
37	The 2016 Outburst of PSR J1119-6127: Cooling and a Spin-down-dominated Glitch. <i>Astrophysical Journal</i> , 2018, 869, 180.	4.5	14
38	The CHIME Fast Radio Burst Project: System Overview. <i>Astrophysical Journal</i> , 2018, 863, 48.	4.5	215
39	Highest Frequency Detection of FRB 121102 at 4â€“8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	4.5	226
40	The Host Galaxy and Redshift of the Repeating Fast Radio Burst FRB 121102. <i>Astrophysical Journal Letters</i> , 2017, 834, L7.	8.3	495
41	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
42	A direct localization of a fast radio burst and its host. <i>Nature</i> , 2017, 541, 58-61.	27.8	616
43	The Repeating Fast Radio Burst FRB 121102 as Seen on Milliarcsecond Angular Scales. <i>Astrophysical Journal Letters</i> , 2017, 834, L8.	8.3	300
44	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
45	A Multi-telescope Campaign on FRB 121102: Implications for the FRB Population. <i>Astrophysical Journal</i> , 2017, 850, 76.	4.5	148
46	FRB 121102 Is Coincident with a Star-forming Region in Its Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 843, L8.	8.3	130
47	Magnetar-like X-Ray Bursts Suppress Pulsar Radio Emission. <i>Astrophysical Journal Letters</i> , 2017, 849, L20.	8.3	26
48	THE REPEATING FAST RADIO BURST FRB 121102: MULTI-WAVELENGTH OBSERVATIONS AND ADDITIONAL BURSTS. <i>Astrophysical Journal</i> , 2016, 833, 177.	4.5	238
49	A MAGNETAR-LIKE OUTBURST FROM A HIGH-B RADIO PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 829, L21.	8.3	82
50	RADIO NONDETECTION OF THE SGR 1806âˆ’20 GIANT FLARE AND IMPLICATIONS FOR FAST RADIO BURSTS. <i>Astrophysical Journal</i> , 2016, 827, 59.	4.5	73
51	<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
52	DISTORTED CYCLOTRON LINE PROFILE IN CEP X-4 AS OBSERVED BY <i>NuSTAR</i>. <i>Astrophysical Journal Letters</i> , 2015, 806, L24.	8.3	25
53	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
54	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

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55	ACCRETION-POWERED PULSATIONS IN AN APPARENTLY QUIESCENT NEUTRON STAR BINARY. <i>Astrophysical Journal</i> , 2015, 807, 62.	4.5	114
56	PHASE-RESOLVED <i>NuSTAR</i> AND <i>SWIFT</i> -XRT OBSERVATIONS OF MAGNETAR 4U 0142+61. <i>Astrophysical Journal</i> , 2015, 808, 32.	4.5	28
57	<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
58	<i>NuSTAR</i> DISCOVERY OF A CYCLOTRON LINE IN THE BE/X-RAY BINARY RX J0520.5â€“6932 DURING OUTBURST. <i>Astrophysical Journal</i> , 2014, 795, 154.	4.5	29
59	ROBOTIC LASER ADAPTIVE OPTICS IMAGING OF 715 KEPLER EXOPLANET CANDIDATES USING ROBO-AO. <i>Astrophysical Journal</i> , 2014, 791, 35.	4.5	136
60	MILLIONS OF MULTIPLES: DETECTING AND CHARACTERIZING CLOSE-SEPARATION BINARY SYSTEMS IN SYNOPTIC SKY SURVEYS. <i>Astrophysical Journal</i> , Supplement Series, 2013, 206, 18.	7.7	16
61	PROPER MOTIONS AND ORIGINS OF SGR 1806â€“20 AND SGR 1900+14. <i>Astrophysical Journal</i> , 2012, 761, 76.	4.5	46