

Tushar P Prabhu

List of Publications by Year in descending order

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46
papers

1,412
citations

304743

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docs citations

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1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric opacity using 220 GHz (1.36 mm) radiometer data and water vapor trends over Indian Astronomical Observatory (IAO), Hanle. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 208, 105404.	1.6	3
2	H_0 from ten well-measured time delay lenses. <i>Astronomy and Astrophysics</i> , 2015, 580, A38.	5.1	33
3	STRONG LENS TIME DELAY CHALLENGE. II. RESULTS OF TDC1. <i>Astrophysical Journal</i> , 2015, 800, 11.	4.5	120
4	MULTI-FREQUENCY, MULTI-EPOCH STUDY OF Mrk 501: HINTS FOR A TWO-COMPONENT NATURE OF THE EMISSION. <i>Astrophysical Journal</i> , 2015, 798, 2.	4.5	25
5	Physical and optical properties of aerosols in a free tropospheric environment: Results from long-term observations over western trans-Himalayas. <i>Atmospheric Environment</i> , 2014, 84, 262-274.	4.1	37
6	Indian Astronomical Observatory, Leh-Hanle. <i>Proceedings of the Indian National Science Academy</i> , 2014, 80, 887.	1.4	21
7	Pointing of HAGAR telescope mirrors. <i>Experimental Astronomy</i> , 2013, 35, 489-506.	3.7	7
8	COSMOGRAIL: the COSmological MONitoring of GRAVitational Lenses. <i>Astronomy and Astrophysics</i> , 2013, 557, A44.	5.1	50
9	COSMOGRAIL: the COSmological MONitoring of GRAVitational Lenses. <i>Astronomy and Astrophysics</i> , 2013, 553, A121.	5.1	53
10	An $H\alpha$ shell-like structure associated with nova V458 Vulpeculae?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, , no-no.	3.3	3
11	Multiwavelength study of the TeV blazar Mrk 421 during a giant flare. <i>Astronomy and Astrophysics</i> , 2012, 541, A140.	5.1	40
12	High altitude (4520 m amsl) measurements of black carbon aerosols over western trans-Himalayas: Seasonal heterogeneity and source apportionment. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	87
13	Fine and ultrafine particles at a near-free tropospheric environment over the high-altitude station Hanle in the Trans-Himalaya: New particle formation and size distribution. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
14	RADIO CONTINUUM AND HI STUDY OF BLUE COMPACT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2011, 728, 124.	4.5	11
15	Active galactic nucleus activity and black hole masses in low surface brightness galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 789-800.	4.4	13
16	Observations with the High Altitude GAMMA-Ray (HAGAR) telescope array in the Indian Himalayas. <i>Astrophysics and Space Sciences Transactions</i> , 2011, 7, 501-505.	1.0	3
17	Optical photometry and spectroscopy of the Type Icn supernova SN 2006jc until the onset of dust formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 894-903.	4.4	34
18	Star formation in blue compact dwarf galaxies: Mkn 104 and I Zw 97. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 97-108.	4.4	5

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19	The Evolution of the Peculiar Type Ia Supernova SN 2005hk over 400 Days. <i>Astrophysical Journal</i> , 2008, 680, 580-592.	4.5	85
20	The Peculiar Type Ib Supernova 2006jc: A WCO Wolf-Rayet Star Explosion. <i>Astrophysical Journal</i> , 2008, 687, 1208-1219.	4.5	42
21	Giant Metrewave Radio Telescope Observations of the 2006 Outburst of the Nova RS Ophiuchi: First Detection of Emission at Radio Frequencies <1.4 GHz. <i>Astrophysical Journal</i> , 2007, 667, L171-L174.	4.5	44
22	The AGN and gas disc in the low surface brightness galaxy PGC 045080. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 11-20.	4.4	62
23	Study of star formation in NGC 1084. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 511-524.	4.4	9
24	Photometric study of type Ia supernova SN 2002hu. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 682-688.	4.4	6
25	Post-outburst phase of McNeil's nebula (V1647 Orionis). <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 825-836.	4.4	19
26	A multiwavelength study of the massive star-forming region IRAS 06055+2039 (RAFGL 5179). <i>Astronomy and Astrophysics</i> , 2006, 452, 203-215.	5.1	26
27	The Unique Type Ib Supernova 2005bf: A WN Star Explosion Model for Peculiar Light Curves and Spectra. <i>Astrophysical Journal</i> , 2005, 633, L97-L100.	4.5	93
28	Evidence of a Counterrotating Core in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2005, 625, L47-L50.	4.5	15
29	The Peculiar Type Ib Supernova SN 2005bf: Explosion of a Massive He Star with a Thin Hydrogen Envelope?. <i>Astrophysical Journal</i> , 2005, 631, L125-L128.	4.5	47
30	Estimates of precipitable water vapour from GPS data over the Indian subcontinent. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 623-635.	1.6	70
31	Deep Impact: Observations from a Worldwide Earth-Based Campaign. <i>Science</i> , 2005, 310, 265-269.	12.6	182
32	The optical afterglow of the not so dark GRB 021211. <i>Astronomy and Astrophysics</i> , 2003, 408, L21-L24.	5.1	31
33	220 GHz Zenith Atmospheric Transparency at IAO, Hanle. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2002, 23, 227-243.	0.6	2
34	The Luminosity Function and Size Distribution of HII Regions in NGC 1365. <i>Astrophysics and Space Science</i> , 2001, 276, 429-436.	1.4	1
35	Embedded Clusters in Giant Extragalactic HII Regions.III.Extinction and Star Formation. <i>Astronomical Journal</i> , 1996, 111, 1252.	4.7	37
36	Gain calibration of CCD systems at VBO. <i>Journal of Astrophysics and Astronomy</i> , 1992, 13, 129-144.	1.0	2

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37	VRI photometry of M67 for CCD standardization at 2.3m VBT. Journal of Astrophysics and Astronomy, 1992, 13, 293-305.	1.0	1
38	The 1985 outburst of RS Ophiuchi: Spectroscopic results. Journal of Astrophysics and Astronomy, 1989, 10, 237-255.	1.0	11
39	The optical spectrum of nova LW Serpentis 1978. Astrophysics and Space Science, 1987, 131, 479-484.	1.4	2
40	Evolution of the optical spectrum of SN 1987a in the large magellanic cloud. Journal of Astrophysics and Astronomy, 1987, 8, 195-209.	1.0	10
41	Spectroscopic evolution of nova LW serpentis 1978 during its early decline. Journal of Astrophysics and Astronomy, 1987, 8, 369-387.	1.0	2
42	Variations in the solar rotation rate derived from Ca+ K plage areas. Solar Physics, 1985, 97, 203-212.	2.5	25
43	A correlation between ellipticity and core-strength in extended radio galaxies. Astrophysics and Space Science, 1984, 102, 29-39.	1.4	0
44	On the correlation between supernova occurrence and nuclear activity in elliptical galaxies. Astrophysics and Space Science, 1984, 100, 369-379.	1.4	3
45	Nucleus of NGC 2903. Astrophysics and Space Science, 1980, 68, 519-523.	1.4	2
46	Central regions of SÃ©rsic-Pastoriza galaxies: A photographic study. Journal of Astrophysics and Astronomy, 1980, 1, 129-154.	1.0	2