

Steven E Tremblay

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,735
citations

471509

17
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	892
2	The VLBA Imaging and Polarimetry Survey at 5 GHz. Astrophysical Journal, 2007, 658, 203-216.	4.5	151
3	BIGHORNS - Broadband Instrument for Global HydrOgen ReioNisation Signal. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	101
4	Low-frequency Observations of the Subpulse Drifter PSR J0034â€”0721 with the Murchison Widefield Array. Astrophysical Journal, 2017, 836, 224.	4.5	48
5	The Challenges of Low-Frequency Radio Polarimetry: Lessons from the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	45
6	The High Time and Frequency Resolution Capabilities of the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	44
7	SCINTILLATION ARCS IN LOW-FREQUENCY OBSERVATIONS OF THE TIMING-ARRAY MILLISECOND PULSAR PSR J0437â€”4715. Astrophysical Journal, 2016, 818, 86.	4.5	42
8	The Murchison Widefield Array Correlator. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	39
9	Characteristics of EGRET Blazars in the VLBA Imaging and Polarimetry Survey (VIPS). Astrophysical Journal, 2007, 671, 1355-1364.	4.5	37
10	Compact symmetric objects and supermassive binary black holes in the VLBA Imaging and Polarimetry Survey. Monthly Notices of the Royal Astronomical Society, 2016, 459, 820-840.	4.4	35
11	Spectral Flattening at Low Frequencies in Crab Giant Pulses. Astrophysical Journal, 2017, 851, 20.	4.5	26
12	THE IMPACT OF THE IONOSPHERE ON GROUND-BASED DETECTION OF THE GLOBAL EPOCH OF REIONIZATION SIGNAL. Astrophysical Journal, 2015, 813, 18.	4.5	24
13	The Frequency-dependent Behavior of Subpulse Drifting. I. Carousel Geometry and Emission Heights of PSR B0031â€”07. Astrophysical Journal, 2019, 883, 28.	4.5	19
14	VLBA OBSERVATIONS OF H I IN THE ARCHETYPE COMPACT SYMMETRIC OBJECT B2352+495. Astronomical Journal, 2010, 139, 17-26.	4.7	18
15	THE LOW-FREQUENCY CHARACTERISTICS OF PSR J0437â€”4715 OBSERVED WITH THE MURCHISON WIDE-FIELD ARRAY. Astrophysical Journal Letters, 2014, 791, L32.	8.3	17
16	A digital-receiver for the MurchisonWidefield Array. Experimental Astronomy, 2015, 39, 73-93.	3.7	17
17	A Census of Southern Pulsars at 185 MHz. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	17
18	Observations of Low-frequency Radio Emission from Millisecond Pulsars and Multipath Propagation in the Interstellar Medium. Astrophysical Journal, Supplement Series, 2018, 238, 1.	7.7	17

#	ARTICLE	IF	CITATIONS
19	Improved Techniques for the Surveillance of the Near Earth Space Environment with the Murchison Widefield Array. , 2019, , .		17
20	MWA tied-array processing I: Calibration and beamformation. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	15
21	MWA tied-array processing II: Polarimetric verification and analysis of two bright southern pulsars. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	15
22	A Shrinking Compact Symmetric Object: J11584+2450?. Astrophysical Journal, 2008, 684, 153-159.	4.5	13
23	SIMULTANEOUS OBSERVATIONS OF GIANT PULSES FROM THE CRAB PULSAR, WITH THE MURCHISON WIDEFIELD ARRAY AND PARKES RADIO TELESCOPE: IMPLICATIONS FOR THE GIANT PULSE EMISSION MECHANISM. Astrophysical Journal, 2015, 809, 51.	4.5	12
24	Probing Pulsar Scattering between 120 and 280 MHz with the MWA. Astrophysical Journal, 2019, 874, 179.	4.5	12
25	Discovery of a Steep-spectrum Low-luminosity Pulsar with the Murchison Widefield Array. Astrophysical Journal Letters, 2021, 911, L26.	8.3	12
26	Hunting for Radio Emission from the Intermittent Pulsar J1107-5907 at Low Frequencies. Astrophysical Journal, 2018, 869, 134.	4.5	11
27	The emission and scintillation properties of RRAT J2325 \hat{a} ~0530 at 154 MHz and 1.4 GHz. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	11
28	A VOEvent-based automatic trigger system for the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	7
29	MWA tied-array processing III: Microsecond time resolution via a polyphase synthesis filter. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	6
30	A High Time-resolution Study of the Millisecond Pulsar J2241 \hat{a} ~5236 at Frequencies Below 300 MHz. Astrophysical Journal, 2019, 882, 133.	4.5	6
31	J16021+3326: NEW MULTI-FREQUENCY OBSERVATIONS OF A COMPLEX SOURCE. Astrophysical Journal, 2010, 712, 159-163.	4.5	3
32	MWA tied-array processing IV: A multi-pixel beamformer for pulsar surveys and ionospheric corrected localisation. Publications of the Astronomical Society of Australia, 2022, 39, .	3.4	3
33	Identifying Compact Symmetric Objects from the VLBA Imaging and Polarization Survey. Astronomische Nachrichten, 2009, 330, 206-209.	1.2	2
34	On the Geometry of Curvature Radiation and Implications for Subpulse Drifting. Astrophysical Journal, 2019, 870, 48.	4.5	1
35	Measurement of U-235 Fission Neutron Spectra Using a Multiple Gamma Coincidence Technique. AIP Conference Proceedings, 2005, , .	0.4	0
36	Neutron Scattering Cross Section Measurements for ^{169}Tm via the $(n,n\hat{E}^1)$ Technique. AIP Conference Proceedings, 2005, , .	0.4	0

#	ARTICLE	IF	CITATIONS
37	High time resolution radio astronomy with low-frequency interferometric arrays. , 2014, , .		0
38	Verifying the low frequency pulsar polarimetry of the MWA. Proceedings of the International Astronomical Union, 2017, 13, 416-417.	0.0	0
39	Millisecond pulsars at low frequencies. Proceedings of the International Astronomical Union, 2017, 13, 311-312.	0.0	0
40	Phase shifts in multi-frequency observations of the drift bands of J0034-0721. Proceedings of the International Astronomical Union, 2017, 13, 376-377.	0.0	0