Manisha Caleb

List of Publications by Year
in descending order

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Version: 2024-02-01

44 papers	2,195 citations	304743 22 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	1723 citing authors

#	Article	IF	Citations
1	The host galaxy of a fast radio burst. Nature, 2016, 530, 453-456.	27.8	241
2	A real-time fast radio burst: polarization detection and multiwavelength follow-up. Monthly Notices of the Royal Astronomical Society, 2015, 447, 246-255.	4.4	236
3	The magnetic field and turbulence of the cosmic web measured using a brilliant fast radio burst. Science, 2016, 354, 1249-1252.	12.6	167
4	Possible periodic activity in the repeating FRB 121102. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3551-3558.	4.4	165
5	The SUrvey for Pulsars and Extragalactic Radio Bursts â€“ II. New FRB discoveries and their follow-up. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1427-1446.	4.4	156
6	The first interferometric detections of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3746-3756.	4.4	115
7	FRB microstructure revealed by the real-time detection of FRB170827. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1209-1217.	4.4	107
8	The SUrvey for Pulsars and Extragalactic Radio Bursts â€“ I. Survey description and overview. Monthly Notices of the Royal Astronomical Society, 2018, 473, 116-135.	4.4	82
9	A survey of FRB fields: limits on repeatability. Monthly Notices of the Royal Astronomical Society, 2015, 454, 457-462.	4.4	71
10	Are the distributions of fast radio burst properties consistent with a cosmological population?. Monthly Notices of the Royal Astronomical Society, 2016, 458, 708-717.	4.4	69
11	Fast Radio Transient searches with UTMOST at 843 MHz. Monthly Notices of the Royal Astronomical Society, 2016, 458, 718-725.	4.4	65
12	Are all fast radio bursts repeating sources?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5500-5508.	4.4	63
13	Discovery of a radio-emitting neutron star with an ultra-long spin period of 76â€‰s. Nature Astronomy, 2022, 6, 828-836.	10.1	63
14	The UTMOST: A Hybrid Digital Signal Processor Transforms the Molonglo Observatory Synthesis Telescope. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	59
15	The UTMOST pulsar timing programme I: Overview and first results. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3691-3712.	4.4	52
16	Five new real-time detections of fast radio bursts with UTMOST. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2989-3002.	4.4	49
17	The SUrvey for Pulsars and Extragalactic Radio Bursts â€“ III. Polarization properties of FRBs 160102 and 151230. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2046-2055.	4.4	48
18	A polarized fast radio burst at low Galactic latitude. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	45

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19	Simultaneous multi-telescope observations of FRB 121102. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4565-4573.	4.4	45
20	One or several populations of fast radio burst sources?. Nature Astronomy, 2018, 2, 839-841.	10.1	33
21	A fast radio burst with frequency-dependent polarization detected during Breakthrough Listen observations. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3636-3646.	4.4	31
22	Constraining the era of helium reionization using fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2281-2286.	4.4	29
23	The SUrvey for Pulsars and Extragalactic Radio Bursts â€“ IV. Discovery and polarimetry of a 12.1-s radio pulsar. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1165-1177.	4.4	25
24	Probing the extragalactic fast transient sky at minute time-scales with DECam. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5852-5866.	4.4	22
25	A Decade and a Half of Fast Radio Burst Observations. Universe, 2021, 7, 453.	2.5	21
26	MKTÂJ170456.2â€“482100: the first transient discovered by MeerKAT. Monthly Notices of the Royal Astronomical Society, 2020, 491, 560-575.	4.4	20
27	An analysis of the time-frequency structure of several bursts from FRBâ€‰121102 detected with MeerKAT. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3041-3053.	4.4	19
28	A southern sky search for repeating fast radio bursts using the Australian SKA Pathfinder. Monthly Notices of the Royal Astronomical Society, 2019, 486, 70-76.	4.4	16
29	MeerTRAP: A pulsar and fast transients survey with MeerKAT. Proceedings of the International Astronomical Union, 2017, 13, 406-407.	0.0	13
30	Radio and X-ray observations of giant pulses from XTE J1810Ââˆ’Â197. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1996-2010.	4.4	13
31	Targeted search for young radio pulsars in the SMC: discovery of two new pulsars. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4332-4342.	4.4	11
32	Detection of a Glitch in the Pulsar J1709âˆ’4429. Research Notes of the AAS, 2018, 2, 139.	0.7	9
33	MeerTRAP: 12 Galactic fast transients detected in a real-time, commensal MeerKAT survey. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1483-1498.	4.4	8
34	First discoveries and localizations of Fast Radio Bursts with MeerTRAP: real-time, commensal MeerKAT survey. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1961-1974.	4.4	8
35	Polarization studies of rotating radio transients. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1191-1199.	4.4	7
36	The UTMOST survey for magnetars, intermittent pulsars, RRATs, and FRBs â€“ I. System description and overview. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4752-4767.	4.4	6

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37	A MeerKAT, e-MERLIN, H.E.S.S., and Swift search for persistent and transient emission associated with three localized FRBs. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1365-1379.	4.4	4
38	Spectrotemporal Analysis of a Sample of Bursts from FRB 121102. Research Notes of the AAS, 2020, 4, 150.	0.7	2
39	Fast Radio Transients: From Pulsars to Fast Radio Bursts. Proceedings of the International Astronomical Union, 2017, 14, 27-32.	0.0	0
40	Radio Transients in the Era of Multi-Messenger Astrophysics. Proceedings of the International Astronomical Union, 2017, 14, 207-214.	0.0	0
41	Fast Radio Bursts: from Multi-Beam Receivers to Interferometers. Proceedings of the International Astronomical Union, 2017, 14, 20-20.	0.0	0
42	First interferometric detections of Fast Radio Bursts. Proceedings of the International Astronomical Union, 2017, 13, 322-323.	0.0	0
43	MEERTRAP: Finding fast radio transients on the fly. , 2021, , .		0
44	Unifying repeating fast radio bursts. Science, 2022, 375, 1227-1228.	12.6	0