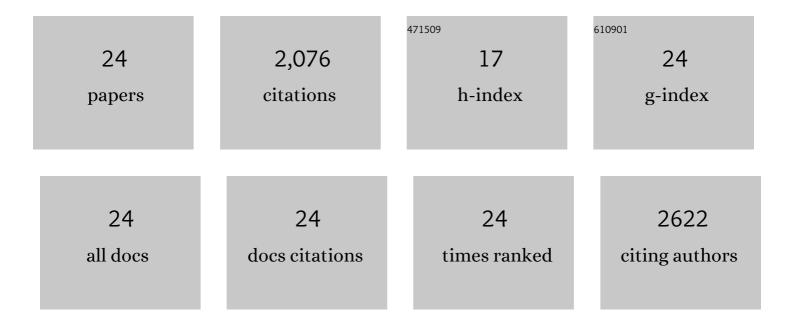
Marcus E Lower

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2016003/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Bilby: A User-friendly Bayesian Inference Library for Gravitational-wave Astronomy. Astrophysical Journal, Supplement Series, 2019, 241, 27.	7.7	526
2	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
3	On the Evidence for a Common-spectrum Process in the Search for the Nanohertz Gravitational-wave Background with the Parkes Pulsar Timing Array. Astrophysical Journal Letters, 2021, 917, L19.	8.3	217
4	Bayesian inference for compact binary coalescences with <scp>bilby</scp> : validation and application to the first LIGO–Virgo gravitational-wave transient catalogue. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3295-3319.	4.4	213
5	The MeerKAT telescope as a pulsar facility: System verification and early science results from MeerTime. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	108
6	The Parkes Pulsar Timing Array project: second data release. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	107
7	Measuring eccentricity in binary black hole inspirals with gravitational waves. Physical Review D, 2018, 98, .	4.7	85
8	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
9	The UTMOST pulsar timing programme – II. Timing noise across the pulsar population. Monthly Notices of the Royal Astronomical Society, 2020, 494, 228-245.	4.4	46
10	Wideband Polarized Radio Emission from the Newly Revived Magnetar XTE J1810–197. Astrophysical Journal Letters, 2019, 874, L14.	8.3	42
11	The impact of glitches on young pulsar rotational evolution. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3251-3274.	4.4	34
12	Circularly polarized radio emission from the repeating fast radio burst source FRB 20201124A. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3400-3413.	4.4	34
13	Spectropolarimetric Properties of Swift J1818.0–1607: A 1.4 s Radio Magnetar. Astrophysical Journal Letters, 2020, 896, L37.	8.3	33
14	The relativistic binary programme on MeerKAT: science objectives and first results. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2094-2114.	4.4	27
15	Multifrequency observations of SGR J1935+2154. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5367-5384.	4.4	22
16	The 2018 X-Ray and Radio Outburst of Magnetar XTE J1810–197. Astrophysical Journal Letters, 2019, 874, L25.	8.3	20
17	The dynamic magnetosphere of Swift J1818.0–1607. Monthly Notices of the Royal Astronomical Society, 2021, 502, 127-139.	4.4	18
18	A magnetar parallax. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3736-3743.	4.4	11

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#	Article	IF	CITATIONS
19	Detection of a Clitch in the Pulsar J1709â^'4429. Research Notes of the AAS, 2018, 2, 139.	0.7	9
20	A supernova remnant association for the fast-moving pulsar PSRÂJ0908–4913. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 507, L41-L45.	3.3	8
21	The UTMOST survey for magnetars, intermittent pulsars, RRATs, and FRBs – I. System description and overview. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4752-4767.	4.4	6
22	Systematic upper limits on the size of missing pulsar glitches in the first UTMOST open data release. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1469-1482.	4.4	6
23	Effects of periodicity in observation scheduling on parameter estimation of pulsar glitches. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3399-3411.	4.4	4
24	The ultranarrow FRB20191107B, and the origins of FRB scattering. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5866-5878.	4.4	4