

Marcus E Lower

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2016003/publications.pdf>

Version: 2024-02-01

24
papers

2,076
citations

471509

17
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

2622
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilby: A User-friendly Bayesian Inference Library for Gravitational-wave Astronomy. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 27.	7.7	526
2	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 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. <i>Astrophysical Journal Letters</i> , 2021, 917, L19.	8.3	217
4	Bayesian inference for compact binary coalescences with <scp>bilby</scp>: validation and application to the first LIGOâ€“Virgo gravitational-wave transient catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3295-3319.	4.4	213
5	The MeerKAT telescope as a pulsar facility: System verification and early science results from MeerTime. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	108
6	The Parkes Pulsar Timing Array project: second data release. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	107
7	Measuring eccentricity in binary black hole inspirals with gravitational waves. <i>Physical Review D</i> , 2018, 98, .	4.7	85
8	Five new real-time detections of fast radio bursts with UTMOST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2989-3002.	4.4	49
9	The UTMOST pulsar timing programme â€“ II. Timing noise across the pulsar population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 228-245.	4.4	46
10	Wideband Polarized Radio Emission from the Newly Revived Magnetar XTE J1810â€“197. <i>Astrophysical Journal Letters</i> , 2019, 874, L14.	8.3	42
11	The impact of glitches on young pulsar rotational evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3251-3274.	4.4	34
12	Circularly polarized radio emission from the repeating fast radio burst source FRBâ€“20201124A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3400-3413.	4.4	34
13	Spectropolarimetric Properties of Swift J1818.0â€“1607: A 1.4 s Radio Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 896, L37.	8.3	33
14	The relativistic binary programme on MeerKAT: science objectives and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2094-2114.	4.4	27
15	Multifrequency observations of SGRâ€“J1935+2154. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5367-5384.	4.4	22
16	The 2018 X-Ray and Radio Outburst of Magnetar XTE J1810â€“197. <i>Astrophysical Journal Letters</i> , 2019, 874, L25.	8.3	20
17	The dynamic magnetosphere of Swift J1818.0â€“1607. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 127-139.	4.4	18
18	A magnetar parallax. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3736-3743.	4.4	11

#	ARTICLE	IF	CITATIONS
19	Detection of a Glitch in the Pulsar J1709-4429. Research Notes of the AAS, 2018, 2, 139.	0.7	9
20	A supernova remnant association for the fast-moving pulsar PSR J0908+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