

Griffin Foster

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,302
citations

516710
16
h-index

580821
25
g-index

27
all docs

27
docs citations

27
times ranked

2269
citing authors

#	ARTICLE	IF	CITATIONS
1	The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I.. <i>Astronomical Journal</i> , 2021, 162, 33.	4.7	34
2	Fast algorithms to approximate the position-dependent point spread function responses in radio interferometric wide-field imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 292-303.	4.4	1
3	Initial results from a real-time FRB search with the GBT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 352-360.	4.4	26
4	The Breakthrough Listen Search for Intelligent Life: Observations of 1327 Nearby Stars Over 1.10–3.45 GHz. <i>Astronomical Journal</i> , 2020, 159, 86.	4.7	69
5	GREENBURST: A commensal Fast Radio Burst search back-end for the Green Bank Telescope. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	5
6	The Breakthrough Listen Search for Intelligent Life: Public Data, Formats, Reduction, and Archiving. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 124505.	3.1	51
7	A fast radio burst with frequency-dependent polarization detected during Breakthrough Listen observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3636-3646.	4.4	31
8	Breakthrough Listen Observations of Asteroid (514107) 2015 BZ ₅₀₉ with the Parkes Radio Telescope. <i>Research Notes of the AAS</i> , 2019, 3, 19.	0.7	2
9	Fast Radio Burst 121102 Pulse Detection and Periodicity: A Machine Learning Approach. <i>Astrophysical Journal</i> , 2018, 866, 149.	4.5	135
10	Verifying and reporting Fast Radio Bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2612-2627.	4.4	8
11	Revival of the Magnetar PSR J1622–4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. <i>Astrophysical Journal</i> , 2018, 856, 180.	4.5	108
12	Baseline-dependent sampling and windowing for radio interferometry: data compression, field-of-interest shaping, and outer field suppression. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4511-4523.	4.4	7
13	ALFABURST: a commensal search for fast radio bursts with Arecibo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3847-3856.	4.4	18
14	Highest Frequency Detection of FRB 121102 at 4–8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	4.5	226
15	Constraining Polarized Foregrounds for EoR Experiments. II. Polarization Leakage Simulations in the Avoidance Scheme. <i>Astrophysical Journal</i> , 2017, 848, 47.	4.5	18
16	The Breakthrough Listen Search for Intelligent Life: 1.1–1.9 GHz Observations of 692 Nearby Stars. <i>Astrophysical Journal</i> , 2017, 849, 104.	4.5	108
17	Broadband observations of pulsar profiles and frequency dependent DMs. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 400-401.	0.0	0
18	Initial Results from the ALFABURST Survey. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 414-415.	0.0	0

#	ARTICLE	IF	CITATIONS
19	A Decade of Developing Radio-Astronomy Instrumentation using CASPER Open-Source Technology. Journal of Astronomical Instrumentation, 2016, 05, .	1.5	90
20	The electronics and data acquisition system for the DarkSide-50 veto detectors. Journal of Instrumentation, 2016, 11, P12007-P12007.	1.2	7
21	The veto system of the DarkSide-50 experiment. Journal of Instrumentation, 2016, 11, P03016-P03016.	1.2	33
22	Using baseline-dependent window functions for data compression and field-of-interest shaping in radio interferometry. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2542-2558.	4.4	10
23	Intrinsic instrumental polarization and high-precision pulsar timing. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1489-1502.	4.4	13
24	Implementation of a direct-imaging and FX correlator for the BEST-2 array. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3180-3188.	4.4	12
25	THE ALLEN TELESCOPE ARRAY FLY'S EYE SURVEY FOR FAST RADIO TRANSIENTS. Astrophysical Journal, 2012, 744, 109.	4.5	42
26	New SETI sky surveys for radio pulses. Acta Astronautica, 2010, 67, 1342-1349.	3.2	48
27	RESULTS OF THE LICK OBSERVATORY SUPERNOVA SEARCH FOLLOW-UP PHOTOMETRY PROGRAM: <i>BVRI</i> LIGHT CURVES OF 165 TYPE Ia SUPERNOVAE. Astrophysical Journal, Supplement Series, 2010, 190, 418-448.	7.7	200