

Griffin Foster

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6012920/publications.pdf>

Version: 2024-02-01

27
papers

1,302
citations

516561

16
h-index

580701

25
g-index

27
all docs

27
docs citations

27
times ranked

2269
citing authors

#	ARTICLE	IF	CITATIONS
1	Highest Frequency Detection of FRB 121102 at 4â€“8 GHz Using the Breakthrough Listen Digital Backend at the Green Bank Telescope. <i>Astrophysical Journal</i> , 2018, 863, 2.	1.6	226
2	RESULTS OF THE LICK OBSERVATORY SUPERNOVA SEARCH FOLLOW-UP PHOTOMETRY PROGRAM: <i><i>BVRI</i></i> LIGHT CURVES OF 165 TYPE Ia SUPERNOVAE. <i>Astrophysical Journal, Supplement Series</i> , 2010, 190, 418-448.	3.0	200
3	Fast Radio Burst 121102 Pulse Detection and Periodicity: A Machine Learning Approach. <i>Astrophysical Journal</i> , 2018, 866, 149.	1.6	135
4	The Breakthrough Listen Search for Intelligent Life: 1.1â€“1.9 GHz Observations of 692 Nearby Stars. <i>Astrophysical Journal</i> , 2017, 849, 104.	1.6	108
5	Revival of the Magnetar PSR J1622â€“4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. <i>Astrophysical Journal</i> , 2018, 856, 180.	1.6	108
6	A Decade of Developing Radio-Astronomy Instrumentation using CASPER Open-Source Technology. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	0.8	90
7	The Breakthrough Listen Search for Intelligent Life: Observations of 1327 Nearby Stars Over 1.10â€“3.45 GHz. <i>Astronomical Journal</i> , 2020, 159, 86.	1.9	69
8	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.	1.0	51
9	New SETI sky surveys for radio pulses. <i>Acta Astronautica</i> , 2010, 67, 1342-1349.	1.7	48
10	THE ALLEN TELESCOPE ARRAY FLY'S EYE SURVEY FOR FAST RADIO TRANSIENTS. <i>Astrophysical Journal</i> , 2012, 744, 109.	1.6	42
11	The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I. <i>Astronomical Journal</i> , 2021, 162, 33.	1.9	34
12	The veto system of the DarkSide-50 experiment. <i>Journal of Instrumentation</i> , 2016, 11, P03016-P03016.	0.5	33
13	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.	1.6	31
14	Initial results from a real-time FRB search with the GBT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 352-360.	1.6	26
15	Constraining Polarized Foregrounds for EoR Experiments. II. Polarization Leakage Simulations in the Avoidance Scheme. <i>Astrophysical Journal</i> , 2017, 848, 47.	1.6	18
16	ALFABURST: a commensal search for fast radio bursts with Arecibo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3847-3856.	1.6	18
17	Intrinsic instrumental polarization and high-precision pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1489-1502.	1.6	13
18	Implementation of a direct-imaging and FX correlator for the BEST-2 array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3180-3188.	1.6	12

#	ARTICLE	IF	CITATIONS
19	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.	1.6	10
20	Verifying and reporting Fast Radio Bursts. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2612-2627.	1.6	8
21	The electronics and data acquisition system for the DarkSide-50 veto detectors. Journal of Instrumentation, 2016, 11, P12007-P12007.	0.5	7
22	Baseline-dependent sampling and windowing for radio interferometry: data compression, field-of-interest shaping, and outer field suppression. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4511-4523.	1.6	7
23	GREENBURST: A commensal Fast Radio Burst search back-end for the Green Bank Telescope. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	5
24	Breakthrough Listen Observations of Asteroid (514107) 2015 BZ ₅₀₉ with the Parkes Radio Telescope. Research Notes of the AAS, 2019, 3, 19.	0.3	2
25	Fast algorithms to approximate the position-dependent point spread function responses in radio interferometric wide-field imaging. Monthly Notices of the Royal Astronomical Society, 2020, 499, 292-303.	1.6	1
26	Broadband observations of pulsar profiles and frequency dependent DMs. Proceedings of the International Astronomical Union, 2017, 13, 400-401.	0.0	0
27	Initial Results from the ALFABURST Survey. Proceedings of the International Astronomical Union, 2017, 13, 414-415.	0.0	0