

# 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

586496

16  
h-index

651938

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2390  
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.	1.9	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.	1.6	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.	1.6	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.	1.9	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, .	1.3	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.	1.0	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.	1.6	31
8	Breakthrough Listen Observations of Asteroid (514107) 2015 BZ <sub>509</sub> with the Parkes Radio Telescope. <i>Research Notes of the AAS</i> , 2019, 3, 19.	0.3	2
9	Fast Radio Burst 121102 Pulse Detection and Periodicity: A Machine Learning Approach. <i>Astrophysical Journal</i> , 2018, 866, 149.	1.6	135
10	Verifying and reporting Fast Radio Bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2612-2627.	1.6	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.	1.6	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.	1.6	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.	1.6	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.	1.6	226
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	The Breakthrough Listen Search for Intelligent Life: 1.1–1.9 GHz Observations of 692 Nearby Stars. <i>Astrophysical Journal</i> , 2017, 849, 104.	1.6	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. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	0.8	90
20	The electronics and data acquisition system for the DarkSide-50 veto detectors. <i>Journal of Instrumentation</i> , 2016, 11, P12007-P12007.	0.5	7
21	The veto system of the DarkSide-50 experiment. <i>Journal of Instrumentation</i> , 2016, 11, P03016-P03016.	0.5	33
22	Using baseline-dependent window functions for data compression and field-of-interest shaping in radio interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 2542-2558.	1.6	10
23	Intrinsic instrumental polarization and high-precision pulsar timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1489-1502.	1.6	13
24	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
25	THE ALLEN TELESCOPE ARRAY FLY'S EYE SURVEY FOR FAST RADIO TRANSIENTS. <i>Astrophysical Journal</i> , 2012, 744, 109.	1.6	42
26	New SETI sky surveys for radio pulses. <i>Acta Astronautica</i> , 2010, 67, 1342-1349.	1.7	48
27	RESULTS OF THE LICK OBSERVATORY SUPERNOVA SEARCH FOLLOW-UP PHOTOMETRY PROGRAM: <i>BVRI</i> LIGHT CURVES OF 165 TYPE Ia SUPERNOVAE. <i>Astrophysical Journal, Supplement Series</i> , 2010, 190, 418-448.	3.0	200