

Michael E Jones

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

271
citations

7
h-index

16
g-index

21
ext. papers

298
ext. citations

4.3
avg, IF

2.26
L-index

#	Paper	IF	Citations
20	Characterizing the performance of high-speed data converters for RFSoc-based radio astronomy receivers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 5096-5104	4.3	2
19	Detection of spectral variations of Anomalous Microwave Emission with QUIJOTE and C-BASS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2927-2943	4.3	6
18	Resolved observations at 31 GHz of spinning dust emissivity variations in Σ Ph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 3482-3493	4.3	4
17	The C-Band All-Sky Survey: total intensity point-source detection over the northern sky. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 1941-1958	4.3	0
16	Gain stabilization for radio intensity mapping using a continuous-wave reference signal. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 548-554	4.3	1
15	The C-Band All-Sky Survey (C-BASS): constraining diffuse Galactic radio emission in the North Celestial Pole region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 2844-2860	4.3	7
14	The C-Band All-Sky Survey (C-BASS): digital backend for the northern survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5377-5388	4.3	1
13	The C-Band All-Sky Survey (C-BASS): Simulated parametric fitting in single pixels in total intensity and polarization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 2958-2975	4.3	2
12	A Compact Quad-Ridge Orthogonal Mode Transducer With Wide Operational Bandwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 422-425	3.8	7
11	The C-Band All-Sky Survey (C-BASS): design and capabilities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3224-3242	4.3	30
10	Astronomical receiver modelling using scattering matrices. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 1252-1267	4.3	1
9	Observations of Galactic star-forming regions with the Cosmic Background Imager at 31 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 2082-2093	4.3	4
8	C-Band All-Sky Survey: a first look at the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 3572-3586	4.3	24
7	The C-Band All-Sky Survey (C-BASS): design and implementation of the northern receiver. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 2426-2439	4.3	19
6	. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 117-124	4.9	6
5	The Cosmic Background Imager 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 2720-2729	4.3	6
4	A 33-GHz Very Small Array survey of the Galactic plane from $l = 27^\circ$ to 46° . <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , no-no	4.3	11

3	All-digital wideband space-frequency beamforming for the SKA aperture array 2010 ,		1
2	9C: a survey of radio sources at 15 GHz with the Ryle Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 342, 915-925	4-3	99
1	The radio source counts at 15 GHz and their implications for cm-wave CMB imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 327, L1-L4	4-3	40