

Matt Lebofsky

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

705
citations

687363

13
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	The Breakthrough Listen Search for Intelligent Life: Technosignature Search of Transiting TESS Targets of Interest. <i>Astronomical Journal</i> , 2022, 163, 104.	4.7	9
2	Searching for Broadband Pulsed Beacons from 1883 Stars Using Neural Networks. <i>Astrophysical Journal</i> , 2022, 932, 81.	4.5	8
3	4–8 GHz Fourier-domain Searches for Galactic Center Pulsars. <i>Astrophysical Journal</i> , 2022, 933, 121.	4.5	9
4	Expanded Capability of the Breakthrough Listen Parkes Data Recorder for Observations with the UWL Receiver. <i>Research Notes of the AAS</i> , 2021, 5, 114.	0.7	2
5	The Breakthrough Listen Search for Intelligent Life: Searching for Technosignatures in Observations of TESS Targets of Interest. <i>Astronomical Journal</i> , 2021, 161, 286.	4.7	19
6	The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I.. <i>Astronomical Journal</i> , 2021, 162, 33.	4.7	34
7	A radio technosignature search towards Proxima Centauri resulting in a signal of interest. <i>Nature Astronomy</i> , 2021, 5, 1148-1152.	10.1	17
8	Analysis of the Breakthrough Listen signal of interest blc1 with a technosignature verification framework. <i>Nature Astronomy</i> , 2021, 5, 1153-1162.	10.1	24
9	No Redetections of blc1 in 39 hr of Reobservation Campaigns of Proxima Centauri. <i>Research Notes of the AAS</i> , 2021, 5, 248.	0.7	0
10	One of Everything: The Breakthrough Listen Exotica Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 42.	7.7	8
11	Re-analysis of Breakthrough Listen Observations of FRB 121102: Polarization Properties of Eight New Spectrally Narrow Bursts. <i>Research Notes of the AAS</i> , 2021, 5, 17.	0.7	4
12	The Breakthrough Listen Search for Intelligent Life: A 3.95–8.00 GHz Search for Radio Technosignatures in the Restricted Earth Transit Zone. <i>Astronomical Journal</i> , 2020, 160, 29.	4.7	33
13	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
14	Breakthrough Listen Search for Technosignatures toward the Kepler-160 System. <i>Research Notes of the AAS</i> , 2020, 4, 97.	0.7	5
15	The Breakthrough Listen Search for Intelligent Life: Searching Boyajian's Star for Laser Line Emission. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 034202.	3.1	11
16	Breakthrough Listen follow-up of the reported transient signal observed at the Arecibo Telescope in the direction of Ross 128. <i>International Journal of Astrobiology</i> , 2019, 18, 33-35.	1.6	4
17	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
18	Breakthrough Listen Follow-up of the Random Transiter (EPIC 249706694/HD 139139) with the Green Bank Telescope. <i>Research Notes of the AAS</i> , 2019, 3, 147.	0.7	2

#	ARTICLE	IF	CITATIONS
19	The Breakthrough Listen search for intelligent life: Wide-bandwidth digital instrumentation for the CSIRO Parkes 64-m telescope. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	17
20	Breakthrough Listen Observations of 1I/â€²Oumuamua with the GBT. Research Notes of the AAS, 2018, 2, 9.	0.7	17
21	Breakthrough Listen â€œ A new search for life in the universe. Acta Astronautica, 2017, 139, 98-101.	3.2	59
22	The Breakthrough Listen Search for Intelligent Life: Target Selection of Nearby Stars and Galaxies. Publications of the Astronomical Society of the Pacific, 2017, 129, 054501.	3.1	95
23	The Breakthrough Listen Search for Intelligent Life: 1.1â€“1.9 GHz Observations of 692 Nearby Stars. Astrophysical Journal, 2017, 849, 104.	4.5	108
24	A 1.1-1.9 GHz SETI SURVEY OF THE KEPLER FIELD. I. A SEARCH FOR NARROW-BAND EMISSION FROM SELECT TARGETS. Astrophysical Journal, 2013, 767, 94.	4.5	99
25	New SETI sky surveys for radio pulses. Acta Astronautica, 2010, 67, 1342-1349.	3.2	48