

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
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26
all docs

26
docs citations

26
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A 1.1-1.9 GHz SETI SURVEY OF THE KEPLER FIELD. I. A SEARCH FOR NARROW-BAND EMISSION FROM SELECT TARGETS. <i>Astrophysical Journal</i> , 2013, 767, 94.	4.5	99
3	The Breakthrough Listen Search for Intelligent Life: Target Selection of Nearby Stars and Galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 054501.	3.1	95
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	Breakthrough Listen – A new search for life in the universe. <i>Acta Astronautica</i> , 2017, 139, 98-101.	3.2	59
6	New SETI sky surveys for radio pulses. <i>Acta Astronautica</i> , 2010, 67, 1342-1349.	3.2	48
7	The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I. <i>Astronomical Journal</i> , 2021, 162, 33.	4.7	34
8	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
9	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
10	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
11	The Breakthrough Listen search for intelligent life: Wide-bandwidth digital instrumentation for the CSIRO Parkes 64-m telescope. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	17
12	Breakthrough Listen Observations of 1I/ʻOumuamua with the GBT. <i>Research Notes of the AAS</i> , 2018, 2, 9.	0.7	17
13	A radio technosignature search towards Proxima Centauri resulting in a signal of interest. <i>Nature Astronomy</i> , 2021, 5, 1148-1152.	10.1	17
14	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
15	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
16	4–8 GHz Fourier-domain Searches for Galactic Center Pulsars. <i>Astrophysical Journal</i> , 2022, 933, 121.	4.5	9
17	One of Everything: The Breakthrough Listen Exotica Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 42.	7.7	8
18	Searching for Broadband Pulsed Beacons from 1883 Stars Using Neural Networks. <i>Astrophysical Journal</i> , 2022, 932, 81.	4.5	8

#	ARTICLE	IF	CITATIONS
19	Breakthrough Listen Search for Technosignatures toward the Kepler-160 System. Research Notes of the AAS, 2020, 4, 97.	0.7	5
20	<i>Breakthrough Listen</i> follow-up of the reported transient signal observed at the Arecibo Telescope in the direction of Ross 128. International Journal of Astrobiology, 2019, 18, 33-35.	1.6	4
21	Re-analysis of Breakthrough Listen Observations of FRB 121102: Polarization Properties of Eight New Spectrally Narrow Bursts. Research Notes of the AAS, 2021, 5, 17.	0.7	4
22	Expanded Capability of the Breakthrough Listen Parkes Data Recorder for Observations with the UWL Receiver. Research Notes of the AAS, 2021, 5, 114.	0.7	2
23	Breakthrough Listen Observations of Asteroid (514107) 2015 BZ ₅₀₉ with the Parkes Radio Telescope. Research Notes of the AAS, 2019, 3, 19.	0.7	2
24	Breakthrough Listen Follow-up of the Random Transiter (EPIC 249706694/HD 139139) with the Green Bank Telescope. Research Notes of the AAS, 2019, 3, 147.	0.7	2
25	No Redetections of blc1 in 39 hr of Reobservation Campaigns of Proxima Centauri. Research Notes of the AAS, 2021, 5, 248.	0.7	0