

Nimalan Swarnalingam

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

101
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Radar Detectability Studies of Slow and Small Zodiacal Dust Cloud Particles. III. The Role of Sodium and the Head Echo Size on the Probability of Detection. <i>Astrophysical Journal</i> , 2017, 843, 1.	4.5	33
2	Radar efficiency and the calculation of decade-long PMSE backscatter cross-section for the Resolute Bay VHF radar. <i>Annales Geophysicae</i> , 2009, 27, 1643-1656.	1.6	16
3	RADAR DETECTABILITY STUDIES OF SLOW AND SMALL ZODIACAL DUST CLOUD PARTICLES. II. A STUDY OF THREE RADARS WITH DIFFERENT SENSITIVITY. <i>Astrophysical Journal</i> , 2015, 807, 13.	4.5	15
4	Long-term aspect-sensitivity measurements of polar mesosphere summer echoes (PMSE) at Resolute Bay using a 51.5MHz VHF radar. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 957-964.	1.6	11
5	Modeling the Altitude Distribution of Meteor Head Echoes Observed with HPLA Radars: Implications for the Radar Detectability of Meteoroid Populations. <i>Astronomical Journal</i> , 2019, 157, 179.	4.7	8
6	Global GNSS-RO Electron Density in the Lower Ionosphere. <i>Remote Sensing</i> , 2022, 14, 1577.	4.0	8
7	Comparison and evaluation of a bottom-up GPS-RO electron density retrieval for D and E regions using radar observations and models. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 207, 105333.	1.6	5
8	Interhemispheric Asymmetries in Ionospheric Electron Density Responses During Geomagnetic Storms: A Study Using Space-Based and Ground-Based GNSS and AMPERE Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	4
9	Observation of Polar Mesosphere Summer Echoes using the northernmost MST radar at Eureka (80°N). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 162, 90-96.	1.6	1