

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