

# Gerald Needell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3939008/publications.pdf>

Version: 2024-02-01

9  
papers

2,679  
citations

1162889

8  
h-index

1474057

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1441  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 93-103.	0.8	26
2	Lower Hybrid Drift Waves and Electromagnetic Electron Spaceâ€Phase Holes Associated With Dipolarization Fronts and Fieldâ€Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,236.	0.8	31
3	Radiation-Induced Single-Event Effects on the Van Allen Probes Spacecraft. <i>IEEE Transactions on Nuclear Science</i> , 2017, 64, 2782-2793.	1.2	7
4	Multispacecraft analysis of dipolarization fronts and associated whistler wave emissions using MMS data. <i>Geophysical Research Letters</i> , 2016, 43, 7279-7286.	1.5	49
5	The Search-Coil Magnetometer for MMS. <i>Space Science Reviews</i> , 2016, 199, 257-282.	3.7	212
6	The Spin-Plane Double Probe Electric Field Instrument for MMS. <i>Space Science Reviews</i> , 2016, 199, 137-165.	3.7	543
7	The Axial Double Probe and Fields Signal Processing for the MMS Mission. <i>Space Science Reviews</i> , 2016, 199, 167-188.	3.7	489
8	The FIELDs Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products. <i>Space Science Reviews</i> , 2016, 199, 105-135.	3.7	390
9	The Electric and Magnetic Field Instrument Suite and Integrated Science (EMFISIS) on RBSP. <i>Space Science Reviews</i> , 2013, 179, 127-181.	3.7	932