

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