

# Ivan Dors

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6483999/publications.pdf>

Version: 2024-02-01

18  
papers

2,105  
citations

759055

12  
h-index

839398

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1131  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Spin-Plane Double Probe Electric Field Instrument for MMS. <i>Space Science Reviews</i> , 2016, 199, 137-165.	3.7	543
2	The Axial Double Probe and Fields Signal Processing for the MMS Mission. <i>Space Science Reviews</i> , 2016, 199, 167-188.	3.7	489
3	The FIELDS Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products. <i>Space Science Reviews</i> , 2016, 199, 105-135.	3.7	390
4	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. <i>Science</i> , 2018, 362, 1391-1395.	6.0	221
5	The Search-Coil Magnetometer for MMS. <i>Space Science Reviews</i> , 2016, 199, 257-282.	3.7	212
6	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
7	Polynomial Reconstruction of the Reconnection Magnetic Field Observed by Multiple Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027481.	0.8	38
8	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
9	A New Method of 3â€ Magnetic Field Reconstruction. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085542.	1.5	29
10	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
11	Optimized merging of search coil and fluxgate data for MMS. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2016, 5, 521-530.	0.6	22
12	Large variations in balloon ascent rate over Hawaii. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
13	Electron Dynamics Within the Electron Diffusion Region of Asymmetric Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 146-162.	0.8	10
14	An Encounter With the Ion and Electron Diffusion Regions at a Flapping and Twisted Tail Current Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028903.	0.8	8
15	Twoâ€Dimensional Velocity of the Magnetic Structure Observed on July 11, 2017 by the Magnetospheric Multiscale Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028705.	0.8	7
16	Magnetic Field Reconstruction for a Realistic Multi-Point, Multi-Scale Spacecraft Observatory. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	6
17	Velocity spectra and turbulence using direct detection lidar and comparison with thermosonde measurements. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	3
18	Energy Balance and Time Dependence of a Magnetotail Electron Diffusion Region. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028290.	0.8	3