

# Roman Gomez

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

363  
citations

1163117

8  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot Plasma Composition Analyzer for the Magnetospheric Multiscale Mission. <i>Space Science Reviews</i> , 2016, 199, 407-470.	8.1	147
2	Magnetospheric ion influence on magnetic reconnection at the duskside magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 1435-1442.	4.0	42
3	Magnetospheric ion influence at the dayside magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8617-8631.	2.4	32
4	The MMS Dayside Magnetic Reconnection Locations During Phase 1 and Their Relation to the Predictions of the Maximum Magnetic Shear Model. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,991.	2.4	26
5	The response time of the magnetopause reconnection location to changes in the solar wind: MMS case study. <i>Geophysical Research Letters</i> , 2016, 43, 4673-4682.	4.0	21
6	Observational Evidence of Large-scale Multiple Reconnection at the Earth's Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8407-8421.	2.4	21
7	Comparison of Magnetospheric Multiscale ion jet signatures with predicted reconnection site locations at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 5997-6004.	4.0	19
8	The Transition Between Antiparallel and Component Magnetic Reconnection at Earth's Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,177.	2.4	12
9	Energetic Neutral Atom Fluxes from the Heliosheath: Constraints from in situ Measurements and Models. <i>Astrophysical Journal Letters</i> , 2021, 915, L26.	8.3	9
10	Characteristics of Minor Ions and Electrons in Flux Transfer Events Observed by the Magnetospheric Multiscale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027778.	2.4	8
11	Stable reconnection at the dusk flank magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 9374-9382.	4.0	7
12	The Extra-Magnetospheric Ion Environment as Observed by the Magnetospheric Multiscale Mission Hot Plasma Composition Analyzer (MMS-HPCA). <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1509-1524.	2.4	6
13	Acceleration of Interstellar Pickup He <sup>+</sup> at Earth's Perpendicular Bow Shock. <i>Geophysical Research Letters</i> , 2019, 46, 10735-10743.	4.0	6
14	Evidence for Nonadiabatic Oxygen Energization in the Near-Earth Magnetotail From MMS. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091697.	4.0	5
15	Multipoint Density Measurements of Geocoronal Pickup Ions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093695.	4.0	2