V N Coffey

List of Publications by Year
in descending order

15	1,821	933410 10	996954 15
papers	citations	h-index	g-index

15	15	15	1418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fast Plasma Investigation for Magnetospheric Multiscale. Space Science Reviews, 2016, 199, 331-406.	8.1	960
2	Electron-scale measurements of magnetic reconnection in space. Science, 2016, 352, aaf2939.	12.6	545
3	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. Geophysical Research Letters, 2016, 43, 3042-3050.	4.0	81
4	Electron Crescent Distributions as a Manifestation of Diamagnetic Drift in an Electronâ€Scale Current Sheet: Magnetospheric Multiscale Observations Using New 7.5Âms Fast Plasma Investigation Moments. Geophysical Research Letters, 2018, 45, 578-584.	4.0	52
5	Magnetic Reconnection at a Thin Current Sheet Separating Two Interlaced Flux Tubes at the Earth's Magnetopause. Journal of Geophysical Research: Space Physics, 2018, 123, 1779-1793.	2.4	35
6	Transient, smallâ€scale fieldâ€aligned currents in the plasma sheet boundary layer during storm time substorms. Geophysical Research Letters, 2016, 43, 4841-4849.	4.0	30
7	Multispacecraft observations and modeling of the 22/23 June 2015 geomagnetic storm. Geophysical Research Letters, 2016, 43, 7311-7318.	4.0	27
8	Charging of the International Space Station as Observed by the Floating Potential Measurement Unit: Initial Results. IEEE Transactions on Plasma Science, 2008, 36, 2280-2293.	1.3	26
9	Dynamic Response of Ionospheric Plasma Density to the Geomagnetic Storm of 22â€23 June 2015. Journal of Geophysical Research: Space Physics, 2019, 124, 7123-7139.	2.4	22
10	On the Ubiquity of Magnetic Reconnection Inside Flux Transfer Eventâ€Like Structures at the Earth's Magnetopause. Geophysical Research Letters, 2020, 47, e2019GL086726.	4.0	20
11	Fourâ€Spacecraft Measurements of the Shape and Dimensionality of Magnetic Structures in the Nearâ€Earth Plasma Environment. Journal of Geophysical Research: Space Physics, 2019, 124, 6850-6868.	2.4	7
12	A Study of the Solar Wind Ion and Electron Measurements From the Magnetospheric Multiscale Mission's Fast Plasma Investigation. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029784.	2.4	7
13	Observations and Validation of Plasma Density, Temperature, and Abundance From a Langmuir Probe Onboard the International Space Station. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029393.	2.4	4
14	Climatology of Deep O+ Dropouts in the Nightâ€Time Fâ€Region in Solar Minimum Measured by a Langmuir Probe Onboard the International Space Station. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	3
15	Observations of Mirror Mode Structures in the Dawnâ€Side Magnetosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028649.	2.4	2