Denny M Oliveira

List of Publications by Year
in descending order

35	681	566801 15	610482 24
papers	citations	h-index	g-index

38	38	38	559
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal and Spatial Evolutions of a Large Sunspot Group and Great Auroral Storms Around the Carrington Event in 1859. Space Weather, 2019, 17, 1553-1569.	1.3	68
2	Geomagnetically Induced Currents Caused by Interplanetary Shocks With Different Impact Angles and Speeds. Space Weather, 2018, 16, 636-647.	1.3	58
3	Impact angle control of interplanetary shock geoeffectiveness. Journal of Geophysical Research: Space Physics, 2014, 119, 8188-8201.	0.8	52
4	Impact angle control of interplanetary shock geoeffectiveness: A statistical study. Journal of Geophysical Research: Space Physics, 2015, 120, 4313-4323.	0.8	51
5	Geoeffectiveness of interplanetary shocks controlled by impact angles: A review. Advances in Space Research, 2018, 61, 1-44.	1.2	45
6	The Extreme Space Weather Event in 1903 October/November: An Outburst from the Quiet Sun. Astrophysical Journal Letters, 2020, 897, L10.	3.0	36
7	Satellite Orbital Drag During Magnetic Storms. Space Weather, 2019, 17, 1510-1533.	1.3	35
8	Thermosphere Global Time Response to Geomagnetic Storms Caused by Coronal Mass Ejections. Journal of Geophysical Research: Space Physics, 2017, 122, 10,762.	0.8	33
9	Geomagnetically Induced Currents: Principles. Brazilian Journal of Physics, 2017, 47, 552-560.	0.7	30
10	Thermospheric Heating and Cooling Times During Geomagnetic Storms, Including Extreme Events. Geophysical Research Letters, 2019, 46, 12739-12746.	1.5	24
11	Highâ€Latitude Thermosphere Neutral Density Response to Solar Wind Dynamic Pressure Enhancement. Journal of Geophysical Research: Space Physics, 2017, 122, 11,559.	0.8	21
12	Numerical Simulations of the Geospace Response to the Arrival of an Idealized Perfect Interplanetary Coronal Mass Ejection. Space Weather, 2021, 19, e2020SW002489.	1.3	20
13	Magnetohydrodynamic Shocks in the Interplanetary Space: a Theoretical Review. Brazilian Journal of Physics, 2017, 47, 81-95.	0.7	19
14	Probabilistic Forecasts of Storm Sudden Commencements From Interplanetary Shocks Using Machine Learning. Space Weather, 2020, 18, e2020SW002603.	1.3	18
15	Intensity and time series of extreme solar-terrestrial storm in 1946 March. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5507-5517.	1.6	18
16	Effects of Interplanetary Shock Inclinations on Nightside Auroral Power Intensity. Brazilian Journal of Physics, 2016, 46, 97-104.	0.7	17
17	How do interplanetary shock impact angles control the size of the geoeffective magnetosphere?. Advances in Space Research, 2019, 63, 317-326.	1.2	17
18	Estimating Satellite Orbital Drag During Historical Magnetic Superstorms. Space Weather, 2020, 18, e2020SW002472.	1.3	15

#	Article	IF	Citations
19	Interplanetary Shock Impact Angles Control Magnetospheric ULF Wave Activity: Wave Amplitude, Frequency, and Power Spectra. Geophysical Research Letters, 2020, 47, e2020GL090857.	1.5	13
20	Interhemispheric Asymmetries in the Ground Magnetic Response to Interplanetary Shocks: The Role of Shock Impact Angle. Space Weather, 2020, 18, e2019SW002427.	1.3	11
21	Using Mutual Information to Determine Geoeffectiveness of Solar Wind Phase Fronts With Different Front Orientations. Journal of Geophysical Research: Space Physics, 2019, 124, 1582-1592.	0.8	10
22	Effects of Nearly Frontal and Highly Inclined Interplanetary Shocks on Highâ€Latitude Fieldâ€Aligned Currents (FACs). Space Weather, 2019, 17, 1659-1673.	1.3	9
23	The Extreme Space Weather Event in 1941 February/March. Astrophysical Journal, 2021, 908, 209.	1.6	9
24	The Current State and Future Directions of Modeling Thermosphere Density Enhancements During Extreme Magnetic Storms. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	9
25	Impact Angle Control of Local Intense dB/dt Variations During Shockâ€Induced Substorms. Space Weather, 2021, 19, .	1.3	9
26	The extreme solar and geomagnetic storms on 1940 March 20â€“25. Monthly Notices of the Royal Astronomical Society, 2022, 517, 1709-1723.	1.6	9
27	Recreating the Horizontal Magnetic Field at Colaba During the Carrington Event With Geospace Simulations. Space Weather, 2021, 19, e2020SW002585.	1.3	8
28	An Analysis of Trouvelot's Auroral Drawing on 1/2 March 1872: Plausible Evidence for Recurrent Geomagnetic Storms. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028227.	0.8	7
29	Ionosphere-magnetosphere coupling and field-aligned currents. Revista Brasileira De Ensino De Fisica, 2014, 36, .	0.2	3
30	Radiation Belt Response to Fast Reverse Shock at Geosynchronous Orbit. Astrophysical Journal, 2021, 910, 154.	1.6	3
31	A possible case of sporadic aurora observed at Rio de Janeiro. Earth, Planets and Space, 2020, 72, .	0.9	3
32	Clima espacial e choques interplanetÃ¡rios. Revista Brasileira De Ensino De Fisica, 2016, 38, .	0.2	1
33	Uma proposta para o ensino de teoria quÃ¢ntica de campos na graduaÃ§Ã£o: a eletrodinÃ¢mica de Maxwell-Chern-Simons como motivaÃ§Ã£o. Revista Brasileira De Ensino De Fisica, 2011, 33, .	0.2	0
34	ReaÃ§Ã£o da termosfera a tempestades geomagnÃ©ticas. Revista Brasileira De Ensino De Fisica, 2017, 39, .	0.2	0
35	Uma andorinha sÃ³ nÃ£o faz verÃ£o: 160 anos do legado de Richard Carrington. Revista Brasileira De Ensino De Fisica, 0, 42, .	0.2	0