

Zerefsan Kaymaz

List of Publications by Year in descending order

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47
docs citations

47
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	Attitude Estimation with Albedo Interference on Sun Sensor Measurements. Journal of Spacecraft and Rockets, 2021, 58, 148-163.	1.3	2
2	Geomagnetic disturbance effects on satellite attitude estimation. Acta Astronautica, 2021, 180, 701-712.	1.7	4
3	First results from ITU-Dynasonde, Istanbul, Turkey on the ionospheric characteristics. Advances in Space Research, 2020, 66, 2537-2555.	1.2	0
4	Are External Magnetic Disturbances Suppressed by Magnetometer Noise when Estimating a Nanosatellite's Rotational Motion?. IFAC-PapersOnLine, 2020, 53, 14888-14893.	0.5	2
5	Relation Between Joule Heating and Thermospheric Neutral Density During Geomagnetic Storms. , 2019, , .		0
6	Assessment of Magnetic Storm Effects under Various Magnetometer Noise Levels for Satellite Attitude Estimation. , 2019, , .		2
7	Quantifying the Storm Time Thermospheric Neutral Density Variations Using Model and Observations. Space Weather, 2019, 17, 269-284.	1.3	10
8	Magnetotail boundary crossings at lunar distances: ARTEMIS observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 182, 45-60.	0.6	4
9	Evaluation of geomagnetic field models using magnetometer measurements for satellite attitude determination system at low earth orbits: Case studies. Advances in Space Research, 2018, 61, 513-529.	1.2	6
10	Investigating Upper Atmospheric Joule Heating Using Cross-Combination of Data for Two Moderate Substorm Cases. Space Weather, 2018, 16, 987-1012.	1.3	14
11	Magnetic and electric field variations during geomagnetically active days over Turkey. Advances in Space Research, 2017, 60, 1921-1948.	1.2	4
12	Geomagnetic models at low earth orbit and their use in attitude determination. , 2017, , .		3
13	Comparison of geomagnetic field from models and satellite observations for attitude determination purposes. , 2015, , .		1
14	Effects of magnetospheric environment on polar orbiting satellites: A case study of PolarBeeSail. , 2015, , .		0
15	Geomagnetically induced current (GIC) observations of geomagnetic storms in Turkey: Preliminary results. , 2015, , .		1
16	Investigating magnetic field structure at moon distance: A single pass example. , 2015, , .		0
17	Optimization of a plasma instrument design for a CubeSat with space weather research. , 2015, , .		1
18	Extraterrestrial magnetic field effects on attitude determination accuracy of small satellites. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	A naive way of modelling the propagation of nested coronal mass ejection events. , 2013, , .		0
20	Magnetotail shape at lunar distances: ARTEMIS observations. , 2013, , .		1
21	Sudden Ionospheric Disturbances and their detection over Istanbul. , 2013, , .		3
22	Structure and thickness of plasma depletion layer in MHD models and comparisons with themis observations. , 2013, , .		0
23	Neutral wind comparisons during substorms using TIEGCM and GITM models. , 2013, , .		0
24	Spatial variation of Joule heating and its relationship with the motion of polar cap boundary. , 2011, , .		0
25	Magnetosheath cavities: Cluster observations and kinetic hybrid model comparisons. , 2011, , .		0
26	Magnetosheath cavities: case studies using Cluster observations. Annales Geophysicae, 2009, 27, 3765-3780.	0.6	17
27	August 11, 1999 solar eclipse over Turkey and associated effects. , 2007, , .		2
28	Investigation of Surface Duct Conditions over Istanbul, Turkey. Journal of Applied Meteorology and Climatology, 2007, 46, 318-337.	0.6	57
29	Magnetospheric Cusps under Extreme Conditions: Cluster Observations and MHD Simulations Compared. Solar Physics, 2007, 244, 189-199.	1.0	5
30	Cluster Observations of the Magnetospheric Low-Latitude Boundary Layer and Cusp during Extreme Solar Wind and Interplanetary Magnetic Field Conditions: I. 10 November 2004 ICME. Solar Physics, 2007, 244, 201-232.	1.0	4
31	Cluster Observations of the Magnetospheric Low-Latitude Boundary Layer and Cusp during Extreme Solar Wind and Interplanetary Magnetic Field Conditions: II. 7 November 2004 ICME and Statistical Survey. Solar Physics, 2007, 244, 233-261.	1.0	9
32	Field-Line Draping Around ICMEs. Solar Physics, 2006, 239, 437-448.	1.0	27
33	Climatic regulation of the Black Sea hydro-meteorological and ecological properties at interannual-to-decadal time scales. Journal of Marine Systems, 2006, 60, 235-254.	0.9	124
34	Search for plasma and magnetic field cavities in magnetosheath. Advances in Space Research, 2003, 31, 1455-1462.	1.2	4
35	Correlating near-Earth interplanetary magnetic fields: Foreshock effects. Journal of Geophysical Research, 2001, 106, 18599-18613.	3.3	1
36	Spatial relations of mantle and plasma sheet. Journal of Geophysical Research, 1999, 104, 14639-14646.	3.3	10

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37	IMP 8 magnetosheath field comparisons with models. <i>Annales Geophysicae</i> , 1998, 16, 376-387.	0.6	9
38	Open geometry of the magnetotail cross section. <i>Journal of Geophysical Research</i> , 1998, 103, 14829-14836.	3.3	14
39	The Magnetospheric Sash and the Cross-Tail S. <i>Geophysical Research Letters</i> , 1998, 25, 1605-1608.	1.5	107
40	The possible effect of the IMF by and Bz components on the high latitude COST 251 area. <i>Advances in Space Research</i> , 1997, 20, 1723-1726.	1.2	2
41	Interplanetary magnetic field control of magnetotail field: IMP 8 data and MHD model compared. <i>Journal of Geophysical Research</i> , 1995, 100, 17163.	3.3	30
42	Interplanetary magnetic field control of magnetotail magnetic field geometry: IMP 8 observations. <i>Journal of Geophysical Research</i> , 1994, 99, 11113.	3.3	91
43	Magnetotail views at 33RE: IMP 8 magnetometer observations. <i>Journal of Geophysical Research</i> , 1994, 99, 8705.	3.3	33
44	IMF draping around the Geotail: IMP 8 observations. <i>Geophysical Research Letters</i> , 1992, 19, 829-832.	1.5	22