

Vytenis M VasyliÅ«nas

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

4,616
citations

623734

14
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2092
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of low-energy electrons in the evening sector of the magnetosphere with OGO 1 and OGO 3. <i>Journal of Geophysical Research</i> , 1968, 73, 2839-2884.	3.3	1,536
2	Theoretical models of magnetic field line merging. <i>Reviews of Geophysics</i> , 1975, 13, 303-336.	23.0	1,290
3	Mathematical Models of Magnetospheric Convection and its Coupling to the Ionosphere. <i>Astrophysics and Space Science Library</i> , 1970, , 60-71.	2.7	613
4	Plasma distribution and flow. , 1983, , 395-453.		422
5	The Interrelationship of Magnetospheric Processes. <i>Astrophysics and Space Science Library</i> , 1972, , 29-38.	2.7	284
6	Meaning of ionospheric Joule heating. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	91
7	Electric field and plasma flow: What drives what?. <i>Geophysical Research Letters</i> , 2001, 28, 2177-2180.	4.0	73
8	Steady state aspects of magnetic field line merging. <i>Geophysical Monograph Series</i> , 1984, , 25-31.	0.1	56
9	An Overview of Magnetospheric Dynamics. <i>Astrophysics and Space Science Library</i> , 1976, , 99-110.	2.7	50
10	12. Deep Space Plasma Measurements. <i>Methods in Experimental Physics</i> , 1971, 9, 49-88.	0.1	48
11	The largest imaginable magnetic storm. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 1444-1446.	1.6	38
12	Role of the plasma acceleration time in the dynamics of the Jovian magnetosphere. <i>Geophysical Research Letters</i> , 1994, 21, 401-404.	4.0	36
13	Physics of Magnetospheric Variability. <i>Space Science Reviews</i> , 2011, 158, 91-118.	8.1	27
14	Reinterpreting the Burton-McPherron-Russell equation for predicting Dst. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	19
15	Ionosphere/thermosphere heating determined from dynamic magnetosphere-ionosphere/thermosphere coupling. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	18
16	Rotationally driven interchange instability: Reply to Andr� and Ferri�re. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	6
17	Fundamentals of planetary magnetospheres. , 2009, , 256-294.		5
18	Magnetosphere: From Plasma Observations to Reconnection Theory. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027865.	2.4	2

#	ARTICLE	IF	CITATIONS
19	Role of the solar wind in the structure and dynamics of magnetospheres. AIP Conference Proceedings, 2013, , .	0.4	1
20	Physics of Magnetospheric Variability. , 2010, , 91-118.		0