

Julian Picone

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

3,111
citations

14
h-index

17
g-index

17
ext. papers

3,551
ext. citations

3.2
avg, IF

4.79
L-index

#	Paper	IF	Citations
17	NRLMSISE-00 empirical model of the atmosphere: Statistical comparisons and scientific issues. <i>Journal of Geophysical Research</i> , 2002 , 107, SIA 15-1-SIA 15-16		2064
16	An empirical model of the Earth's horizontal wind fields: HWM07. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		374
15	Record-low thermospheric density during the 2008 solar minimum. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	170
14	Thermospheric global average density trends, 1967-2007, derived from orbits of 5000 near-Earth objects. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	103
13	Remote Sensing of Earth's Limb by TIMED/GUVI: Retrieval of thermospheric composition and temperature. <i>Earth and Space Science</i> , 2015 , 2, 1-37	3.1	75
12	Climatology of globally averaged thermospheric mass density. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		73
11	Global and regional trends in ionospheric total electron content. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		45
10	Attribution of interminima changes in the global thermosphere and ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 6657-6688	2.6	42
9	Ionospheric total electron content: Global and hemispheric climatology. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		32
8	NRLMSIS 2.0: A Whole-Atmosphere Empirical Model of Temperature and Neutral Species Densities. <i>Earth and Space Science</i> , 2021 , 8, e2020EA001321	3.1	28
7	Origins of the Thermosphere-Ionosphere Semiannual Oscillation: Reformulating the Thermospheric Spoon Mechanism. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 931-954	2.6	24
6	Ionospheric total electron content: Spatial patterns of variability. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 10,367-10,402	2.6	22
5	Quantitative forecasting of near-term solar activity and upper atmospheric density. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		18
4	Statistical uncertainty of 1967-2005 thermospheric density trends derived from orbital drag. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		14
3	Theoretical tools for studies of low-frequency thermospheric variability. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 5853-5873	2.6	12
2	Influence of systematic error on least squares retrieval of upper atmospheric parameters from the ultraviolet airglow. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		12
1	Comment on Oscillations of global mean TEC by K. Hocke. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		3

