

Japheth Yates

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

205
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of the Jovian thermosphere to a transient "pulse" in solar wind pressure. Planetary and Space Science, 2014, 91, 27-44.	1.7	34
2	Local time variations in Jupiter's magnetosphere-ionosphere coupling system. Journal of Geophysical Research: Space Physics, 2014, 119, 4740-4751.	2.4	32
3	Statistical analysis and multi-instrument overview of the quasi-periodic 1-hour pulsations in Saturn's outer magnetosphere. Icarus, 2016, 271, 1-18.	2.5	27
4	Influence of upstream solar wind on thermospheric flows at Jupiter. Planetary and Space Science, 2012, 61, 15-31.	1.7	23
5	Standing Alfvén Waves in Jupiter's Magnetosphere as a Source of 10 to 60 Min Quasiperiodic Pulsations. Geophysical Research Letters, 2018, 45, 8746-8754.	4.0	19
6	Saturn's quasiperiodic magnetohydrodynamic waves. Geophysical Research Letters, 2016, 43, 11,102.	4.0	16
7	The effect of including field-aligned potentials in the coupling between Jupiter's thermosphere, ionosphere, and magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 6987-7005.	2.4	14
8	Mechanisms of Saturn's Near-Noon Transient Aurora: In Situ Evidence From Cassini Measurements. Geophysical Research Letters, 2017, 44, 11,217.	4.0	10
9	Magnetosphere-Ionosphere-Thermosphere Coupling at Jupiter Using a Three-Dimensional Atmospheric General Circulation Model. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026792.	2.4	9
10	Magnetic phase structure of Saturn's 10.7%h oscillations. Journal of Geophysical Research: Space Physics, 2015, 120, 2631-2648.	2.4	6
11	Why is the H ₃ ⁺ hot spot above Jupiter's Great Red Spot so hot?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180407.	3.4	6
12	An Initial Study Into the Long-Term Influence of Solar Wind Dynamic Pressure on Jupiter's Thermosphere. Journal of Geophysical Research: Space Physics, 2018, 123, 9357-9369.	2.4	5
13	Whistler mode waves upstream of Saturn. Journal of Geophysical Research: Space Physics, 2017, 122, 227-234.	2.4	4
14	Reply to the comment by Cowley et al. on "Magnetic phase structure of Saturn's 10.7%h oscillations". Journal of Geophysical Research: Space Physics, 2015, 120, 5691-5693.	2.4	0