

# Japheth Yates

## List of Publications by Year in descending order

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