

# Aikaterini Radioti

## List of Publications by Year in descending order

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31  
papers

992  
citations

394421

19  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Auroral evidence of Io's control over the magnetosphere of Jupiter. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	111
2	Auroral evidence of a localized magnetic anomaly in Jupiter's northern hemisphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	89
3	Response of Jupiter's auroras to conditions in the interplanetary medium as measured by the Hubble Space Telescope and Juno. <i>Geophysical Research Letters</i> , 2017, 44, 7643-7652.	4.0	68
4	The tails of the satellite auroral footprints at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7985-7996.	2.4	57
5	Small-scale structures in Saturn's ultraviolet aurora. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	55
6	Morphology of the UV aurorae Jupiter during Juno's first perijove observations. <i>Geophysical Research Letters</i> , 2017, 44, 4463-4471.	4.0	54
7	Quasi-periodic polar flares at Jupiter: A signature of pulsed dayside reconnections?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	53
8	Mapping the electron energy in Jupiter's aurora: Hubble spectral observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9072-9088.	2.4	47
9	Auroral footprint of Ganymede. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	44
10	On the origin of Saturn's outer auroral emission. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
11	Jupiter's changing auroral location. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	41
12	Towards a Global Unified Model of Europa's Tenuous Atmosphere. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	36
13	Jupiter's equatorward auroral features: Possible signatures of magnetospheric injections. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,068.	2.4	35
14	Signatures of magnetospheric injections in Saturn's aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1922-1933.	2.4	32
15	Saturn's Northern Aurorae at Solstice From HST Observations Coordinated With Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018, 45, 9353-9362.	4.0	24
16	Similarity of the Jovian satellite footprints: Spots multiplicity and dynamics. <i>Icarus</i> , 2017, 292, 208-217.	2.5	23
17	Contemporaneous Observations of Jovian Energetic Auroral Electrons and Ultraviolet Emissions by the Juno Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8298-8317.	2.4	22
18	Dynamics of the flares in the active polar region of Jupiter. <i>Geophysical Research Letters</i> , 2016, 43, 11,963.	4.0	19

#	ARTICLE	IF	CITATIONS
19	Statistical study of Saturn's auroral electron properties with Cassini/UVIS FLUV spectral images. <i>Icarus</i> , 2017, 284, 264-283.	2.5	19
20	Energetic ion composition during reconfiguration events in the Jovian magnetotail. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	14
21	Events in the Juno-UVIS Data: Signature $\sim 10$ MeV Electron Microbursts at Jupiter. <i>Geophysical Research Letters</i> , 2018, 45, 12,108.	4.0	14
22	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8502-8517.	2.4	14
23	Pulsations of the polar cusp aurora at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,952.	2.4	13
24	The far-ultraviolet main auroral emission at Jupiter – Part 2: Vertical emission profile. <i>Annales Geophysicae</i> , 2015, 33, 1211-1219.	1.6	12
25	Remote sensing of the energy of auroral electrons in Saturn's atmosphere: Hubble and Cassini spectral observations. <i>Icarus</i> , 2013, 223, 211-221.	2.5	11
26	Evolution of the Auroral Signatures of Jupiter's Magnetospheric Injections. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8489-8501.	2.4	11
27	Auroral Storm and Polar Arcs at Saturn – Final Cassini/UVIS Auroral Observations. <i>Geophysical Research Letters</i> , 2018, 45, 6832-6842.	4.0	10
28	Dawn Auroral Breakup at Saturn Initiated by Auroral Arcs: UVIS/Cassini Beginning of Grand Finale Phase. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,111.	2.4	8
29	Acceleration of Ions in Jovian Plasmoids: Does Turbulence Play a Role?. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5056-5069.	2.4	7
30	Cassini UVIS Detection of Saturn's North Polar Hexagon in the Grand Finale Orbits. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1979-1988.	3.6	5
31	Saturn's auroral arc. <i>Nature Astronomy</i> , 2017, 1, 576-576.	10.1	0