

Ali H Sulaiman

List of Publications by Year in descending order

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46
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citing authors

#	ARTICLE	IF	CITATIONS
1	The in-situ exploration of Jupiter's radiation belts. <i>Experimental Astronomy</i> , 2022, 54, 745-789.	1.6	11
2	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	8
3	Closed Fluxtubes and Dispersive Proton Conics at Jupiter's Polar Cap. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
4	Loss of Energetic Ions Comprising the Ring Current Populations of Jupiter's Middle and Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
5	Juno Plasma Wave Observations at Ganymede. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	13
6	Magnetic Field Amplification by the Weibel Instability at Planetary and Astrophysical Shocks with High Mach Number. <i>Physical Review Letters</i> , 2021, 126, 095101.	2.9	20
7	Revealing the source of Jupiter's x-ray auroral flares. <i>Science Advances</i> , 2021, 7, .	4.7	25
8	The High-Latitude Extension of Jupiter's Io Torus: Electron Densities Measured by Juno Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029195.	0.8	12
9	Inferring Jovian Electron Densities Using Plasma Wave Spectra Obtained by the Juno/Waves Instrument. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029263.	0.8	9
10	Electron Partial Density and Temperature Over Jupiter's Main Auroral Emission Using Juno Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029426.	0.8	11
11	Morphology of the Auroral Tail of Io, Europa, and Ganymede From JIRAM L-Band Imager. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029450.	0.8	15
12	Simultaneous UV Images and High-Latitude Particle and Field Measurements During an Auroral Dawn Storm at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029679.	0.8	3
13	Analysis of Whistler-Mode and Z-Mode Emission in the Juno Primary Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029885.	0.8	5
14	The Jovian Ionospheric Alfvén Resonator and Auroral Particle Acceleration. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	14
15	Proton Acceleration by Io's Alfvénic Interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027314.	0.8	18
16	A New Framework to Explain Changes in Io's Footprint Tail Electron Fluxes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089267.	1.5	25
17	Wave-Particle Interactions Associated With Io's Auroral Footprint: Evidence of Alfvén, Ion Cyclotron, and Whistler Modes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088432.	1.5	34
18	First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089732.	1.5	17

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19	The Generation of Upward-Propagating Whistler Mode Waves by Electron Beams in the Jovian Polar Regions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027868.	0.8	11
20	Alfvénic Acceleration Sustains Ganymede's Footprint Tail Aurora. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086527.	1.5	25
21	Energetic Proton Acceleration Associated With Io's Footprint Tail. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090839.	1.5	16
22	A Persistent, Large-Scale, and Ordered Electrodynamic Connection Between Saturn and Its Main Rings. <i>Geophysical Research Letters</i> , 2019, 46, 7166-7172.	1.5	2
23	Understanding Cassini RPWS Antenna Signals Triggered by Dust Impacts. <i>Geophysical Research Letters</i> , 2019, 46, 10941-10950.	1.5	18
24	The Role of Intense Upper Hybrid Resonance Emissions in the Generation of Saturn Narrowband Emission. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5709-5718.	0.8	7
25	Io's Effect on Energetic Charged Particles as Seen in Juno Data. <i>Geophysical Research Letters</i> , 2019, 46, 13615-13620.	1.5	12
26	Electron Density Distributions in Saturn's Ionosphere. <i>Geophysical Research Letters</i> , 2019, 46, 3061-3068.	1.5	27
27	One-Hertz Waves at Mars: MAVEN Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3460-3476.	0.8	10
28	First Observation of Lion Roar Emission in Saturn's Magnetosheath. <i>Geophysical Research Letters</i> , 2018, 45, 486-492.	1.5	5
29	Analysis of Intense <i>Z</i> -Mode Emission Observed During the Cassini Proximal Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 6766-6772.	1.5	8
30	Dust Observations by the Radio and Plasma Wave Science Instrument During Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018, 45, 10,101.	1.5	16
31	Saturn's Plasma Density Depletions Along Magnetic Field Lines Connected to the Main Rings. <i>Geophysical Research Letters</i> , 2018, 45, 8104-8110.	1.5	6
32	Auroral Hiss Emissions During Cassini's Grand Finale: Diverse Electrodynamic Interactions Between Saturn and Its Rings. <i>Geophysical Research Letters</i> , 2018, 45, 6782-6789.	1.5	8
33	Enceladus Auroral Hiss Emissions During Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018, 45, 7347-7353.	1.5	16
34	Whistler mode waves upstream of Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 227-234.	0.8	4
35	The Dynamics of Very High Alfvén Mach Number Shocks in Space Plasmas. <i>Astrophysical Journal Letters</i> , 2017, 836, L4.	3.0	22
36	A Single Deformed Bow Shock for Titan-Saturn System. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,058.	0.8	7

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37	Intense Harmonic Emissions Observed in Saturn's Ionosphere. <i>Geophysical Research Letters</i> , 2017, 44, 12,049.	1.5	12
38	An in situ Comparison of Electron Acceleration at Collisionless Shocks under Differing Upstream Magnetic Field Orientations. <i>Astrophysical Journal</i> , 2017, 843, 147.	1.6	14
39	Large-scale solar wind flow around Saturn's nonaxisymmetric magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9198-9206.	0.8	7
40	Saturn's quasiperiodic magnetohydrodynamic waves. <i>Geophysical Research Letters</i> , 2016, 43, 11,102.	1.5	16
41	Characterization of Saturn's bow shock: Magnetic field observations of quasi-perpendicular shocks. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4425-4434.	0.8	17
42	SUPRATHERMAL ELECTRONS AT SATURN'S BOW SHOCK. <i>Astrophysical Journal</i> , 2016, 826, 48.	1.6	17
43	Quasiperpendicular High Mach Number Shocks. <i>Physical Review Letters</i> , 2015, 115, 125001.	2.9	47
44	The magnetic structure of Saturn's magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5651-5661.	0.8	19
45	Separating drivers of Saturnian magnetopause motion. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1514-1522.	0.8	5
46	Enceladus and Titan: emerging worlds of the Solar System. <i>Experimental Astronomy</i> , 0, , 1.	1.6	1