

Ali H Sulaiman

List of Publications by Year in descending order

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46
papers

628
citations

567144

15
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713332

21
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61
all docs

61
docs citations

61
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasiperpendicular High Mach Number Shocks. <i>Physical Review Letters</i> , 2015, 115, 125001.	2.9	47
2	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
3	Electron Density Distributions in Saturn's Ionosphere. <i>Geophysical Research Letters</i> , 2019, 46, 3061-3068.	1.5	27
4	A New Framework to Explain Changes in Io's Footprint Tail Electron Fluxes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089267.	1.5	25
5	Alfvénic Acceleration Sustains Ganymede's Footprint Tail Aurora. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086527.	1.5	25
6	Revealing the source of Jupiter's x-ray auroral flares. <i>Science Advances</i> , 2021, 7, .	4.7	25
7	The Dynamics of Very High Alfvén Mach Number Shocks in Space Plasmas. <i>Astrophysical Journal Letters</i> , 2017, 836, L4.	3.0	22
8	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
9	The magnetic structure of Saturn's magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5651-5661.	0.8	19
10	Understanding Cassini RPWS Antenna Signals Triggered by Dust Impacts. <i>Geophysical Research Letters</i> , 2019, 46, 10941-10950.	1.5	18
11	Proton Acceleration by Io's Alfvénic Interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027314.	0.8	18
12	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
13	SUPRATHERMAL ELECTRONS AT SATURN'S BOW SHOCK. <i>Astrophysical Journal</i> , 2016, 826, 48.	1.6	17
14	First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089732.	1.5	17
15	Saturn's quasiperiodic magnetohydrodynamic waves. <i>Geophysical Research Letters</i> , 2016, 43, 11,102.	1.5	16
16	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
17	Enceladus Auroral Hiss Emissions During Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018, 45, 7347-7353.	1.5	16
18	Energetic Proton Acceleration Associated With Io's Footprint Tail. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090839.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Morphology of the Auroral Tail of Io, Europa, and Ganymede From JIRAM L&EacaronBand Imager. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029450.	0.8	15
20	An in situ Comparison of Electron Acceleration at Collisionless Shocks under Differing Upstream Magnetic Field Orientations. Astrophysical Journal, 2017, 843, 147.	1.6	14
21	The Jovian Ionospheric Alfv&Eacaronn Resonator and Auroral Particle Acceleration. Journal of Geophysical Research: Space Physics, 2021, 126, .	0.8	14
22	Juno Plasma Wave Observations at Ganymede. Geophysical Research Letters, 2022, 49, .	1.5	13
23	Intense Harmonic Emissions Observed in Saturn's Ionosphere. Geophysical Research Letters, 2017, 44, 12,049.	1.5	12
24	Io's Effect on Energetic Charged Particles as Seen in Juno Data. Geophysical Research Letters, 2019, 46, 13615-13620.	1.5	12
25	The High&EacaronLatitude Extension of Jupiter's Io Torus: Electron Densities Measured by Juno Waves. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029195.	0.8	12
26	The Generation of Upward&EacaronPropagating Whistler Mode Waves by Electron Beams in the Jovian Polar Regions. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027868.	0.8	11
27	Electron Partial Density and Temperature Over Jupiter's Main Auroral Emission Using Juno Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029426.	0.8	11
28	The in-situ exploration of Jupiter&Eacaron's radiation belts. Experimental Astronomy, 2022, 54, 745-789.	1.6	11
29	One&EacaronHertz Waves at Mars: MAVEN Observations. Journal of Geophysical Research: Space Physics, 2018, 123, 3460-3476.	0.8	10
30	Inferring Jovian Electron Densities Using Plasma Wave Spectra Obtained by the Juno/Waves Instrument. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029263.	0.8	9
31	Analysis of Intense <i>Z</i>&EacaronMode Emission Observed During the Cassini Proximal Orbits. Geophysical Research Letters, 2018, 45, 6766-6772.	1.5	8
32	Auroral Hiss Emissions During Cassini's Grand Finale: Diverse Electrodynamic Interactions Between Saturn and Its Rings. Geophysical Research Letters, 2018, 45, 6782-6789.	1.5	8
33	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. Geophysical Research Letters, 2022, 49, .	1.5	8
34	A Single Deformed Bow Shock for Titan&EacaronSaturn System. Journal of Geophysical Research: Space Physics, 2017, 122, 11,058.	0.8	7
35	Large&Eacaronscale solar wind flow around Saturn's nonaxisymmetric magnetosphere. Journal of Geophysical Research: Space Physics, 2017, 122, 9198-9206.	0.8	7
36	The Role of Intense Upper Hybrid Resonance Emissions in the Generation of Saturn Narrowband Emission. Journal of Geophysical Research: Space Physics, 2019, 124, 5709-5718.	0.8	7

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37	Closed Fluxtubes and Dispersive Proton Conics at Jupiter's Polar Cap. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
38	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
39	Separating drivers of Saturnian magnetopause motion. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1514-1522.	0.8	5
40	First Observation of Lion Roar Emission in Saturn's Magnetosheath. <i>Geophysical Research Letters</i> , 2018, 45, 486-492.	1.5	5
41	Analysis of Whistlerâ€Mode and Zâ€Mode Emission in the Juno Primary Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029885.	0.8	5
42	Whistler mode waves upstream of Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 227-234.	0.8	4
43	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
44	Simultaneous UV Images and Highâ€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
45	A Persistent, Largeâ€Scale, and Ordered Electrodynamical Connection Between Saturn and Its Main Rings. <i>Geophysical Research Letters</i> , 2019, 46, 7166-7172.	1.5	2
46	Enceladus and Titan: emerging worlds of the Solar System. <i>Experimental Astronomy</i> , 0, , 1.	1.6	1