

S-Y Ye

List of Publications by Year in descending order

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67
times ranked

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#	ARTICLE	IF	CITATIONS
1	The reversal of the rotational modulation rates of the north and south components of Saturn kilometric radiation near equinox. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	65
2	In situ collection of dust grains falling from Saturn's rings into its atmosphere. <i>Science</i> , 2018, 362, .	6.0	44
3	Properties of dust particles near Saturn inferred from voltage pulses induced by dust impacts on Cassini spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6294-6312.	0.8	40
4	In situ measurements of Saturn's ionosphere show that it is dynamic and interacts with the rings. <i>Science</i> , 2018, 359, 66-68.	6.0	40
5	Source locations of narrowband radio emissions detected at Saturn. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38
6	Elliptical polarization of Saturn Kilometric Radiation observed from high latitudes. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	36
7	Characteristics of ice grains in the Enceladus plume from Cassini observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 915-937.	0.8	34
8	On the Relation Between Jovian Aurorae and the Loading/Unloading of the Magnetic Flux: Simultaneous Measurements From Juno, Hubble Space Telescope, and Hisaki. <i>Geophysical Research Letters</i> , 2019, 46, 11632-11641.	1.5	32
9	Saturn kilometric radiation periodicity after equinox. <i>Icarus</i> , 2015, 254, 72-91.	1.1	31
10	Z mode waves as the source of Saturn narrowband radio emissions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	30
11	Cassini observations of narrowband radio emissions in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
12	Dust observations with antenna measurements and its prospects for observations with Parker Solar Probe and Solar Orbiter. <i>Annales Geophysicae</i> , 2019, 37, 1121-1140.	0.6	26
13	Analysis of Saturn kilometric radiation near a source center. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
14	Rotational modulation of Saturn's radio emissions after equinox. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,714.	0.8	25
15	In-situ measurements of Saturn's dusty rings based on dust impact signals detected by Cassini RPWS. <i>Icarus</i> , 2016, 279, 51-61.	1.1	25
16	Analysis of narrowband emission observed in the Saturn magnetosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	24
17	Dual periodicities in the rotational modulation of Saturn narrowband emissions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	24
18	Laboratory modeling of dust impact detection by the Cassini spacecraft. <i>Planetary and Space Science</i> , 2018, 156, 85-91.	0.9	24

#	ARTICLE	IF	CITATIONS
19	Dust detection in space using the monopole and dipole electric field antennas. Journal of Geophysical Research: Space Physics, 2016, 121, 11,964.	0.8	23
20	Electron density inside Enceladus plume inferred from plasma oscillations excited by dust impacts. Journal of Geophysical Research: Space Physics, 2014, 119, 3373-3380.	0.8	22
21	Resonant diffusion of energetic electrons by narrowband <i>Z</i> mode waves in Saturn's inner magnetosphere. Geophysical Research Letters, 2013, 40, 255-261.	1.5	21
22	A possible influence of the Great White Spot on Saturn kilometric radiation periodicity. Annales Geophysicae, 2014, 32, 1463-1476.	0.6	19
23	Understanding Cassini RPWS Antenna Signals Triggered by Dust Impacts. Geophysical Research Letters, 2019, 46, 10941-10950.	1.5	18
24	One-Year Analysis of Dust Impact-Like Events Onto the MMS Spacecraft. Journal of Geophysical Research: Space Physics, 2019, 124, 8179-8190.	0.8	17
25	Plasma regions, charged dust and field-aligned currents near Enceladus. Planetary and Space Science, 2015, 117, 453-469.	0.9	16
26	Dust Observations by the Radio and Plasma Wave Science Instrument During Cassini's Grand Finale. Geophysical Research Letters, 2018, 45, 10,101.	1.5	16
27	Enceladus Auroral Hiss Emissions During Cassini's Grand Finale. Geophysical Research Letters, 2018, 45, 7347-7353.	1.5	16
28	Spatial variations in the dust-to-gas ratio of Enceladus's plume. Icarus, 2018, 305, 123-138.	1.1	15
29	Source region and growth analysis of narrowband <i>Z</i> mode emission at Saturn. Journal of Geophysical Research: Space Physics, 2016, 121, 11,929.	0.8	14
30	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. Journal of Geophysical Research: Space Physics, 2018, 123, 8502-8517.	0.8	14
31	An SLS5 Longitude System Based on the Rotational Modulation of Saturn Radio Emissions. Geophysical Research Letters, 2018, 45, 7297-7305.	1.5	13
32	Source mechanism of Saturn narrowband emission. Annales Geophysicae, 2010, 28, 1013-1021.	0.6	12
33	Survey of Saturn <i>Z</i> mode emission. Journal of Geophysical Research: Space Physics, 2015, 120, 6176-6187.	0.8	12
34	Intense Harmonic Emissions Observed in Saturn's Ionosphere. Geophysical Research Letters, 2017, 44, 12,049.	1.5	12
35	Are Saturn's Interchange Injections Organized by Rotational Longitude?. Journal of Geophysical Research: Space Physics, 2019, 124, 1806-1822.	0.8	11
36	Survey of Saturn electrostatic cyclotron harmonic wave intensity. Journal of Geophysical Research: Space Physics, 2017, 122, 8214-8227.	0.8	10

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37	Cassini RPWS Dust Observation Near the Janus/Epimetheus Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4952-4960.	0.8	9
38	The Dusty Plasma Disk Around the Janus/Epimetheus Ring. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4668-4678.	0.8	8
39	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
40	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
41	Seasonal structures in Saturn's dusty Roche Division correspond to periodicities of the planet's magnetosphere. <i>Icarus</i> , 2019, 330, 230-255.	1.1	8
42	Magnetic Field Effect on Antenna Signals Induced by Dust Particle Impacts. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027245.	0.8	8
43	Juno Waves Detection of Dust Impacts Near Jupiter. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006367.	1.5	8
44	Statistical Study on Spatial Distribution and Polarization of Saturn Narrowband Emissions. <i>Astrophysical Journal</i> , 2021, 918, 64.	1.6	8
45	Ground based observations of low frequency auroral hiss fine structure. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	7
46	Extended Survey of Saturn <i>Z</i> -Mode Wave Intensity Through Cassini's Final Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 7330-7336.	1.5	7
47	Further study of flickering auroral roar emission: 1. South Pole observations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	6
48	Experimental tests of the eigenmode theory of auroral roar fine structure and its application to remote sensing. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	4
49	The influence of Titan on Saturn kilometric radiation. <i>Annales Geophysicae</i> , 2010, 28, 395-406.	0.6	4
50	Cassini observation of Jovian anomalous continuum radiation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	4
51	Energetic electron measurements near Enceladus by Cassini during 2005-2015. <i>Icarus</i> , 2018, 306, 256-274.	1.1	4
52	Methods in the study of discrete upper hybrid waves. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	3
53	Investigation on unexpected variations of differential phase delay of Chang'e-3. <i>Advances in Space Research</i> , 2021, 68, 4088-4099.	1.2	3
54	A Rotating Azimuthally Distributed Auroral Current System on Saturn Revealed by the Cassini Spacecraft. <i>Astrophysical Journal Letters</i> , 2021, 919, L25.	3.0	3

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55	Reflection and Refraction of the L ^o Mode 5 kHz Saturn Narrowband Emission by the Magnetosheath. Geophysical Research Letters, 2022, 49, .	1.5	3
56	Ambipolar electrostatic field in negatively charged dusty plasma. Journal of Plasma Physics, 2022, 88, .	0.7	3
57	Statistics of Water-group Band Ion Cyclotron Waves in Saturn's Inner Magnetosphere Based on 13 yr of Cassini Measurements. Astrophysical Journal, 2022, 932, 56.	1.6	3
58	A Persistent, Large-Scale, and Ordered Electrodynamic Connection Between Saturn and Its Main Rings. Geophysical Research Letters, 2019, 46, 7166-7172.	1.5	2
59	The Cassini RPWS/LP Observations of Dusty Plasma in the Kronian System. Proceedings of the International Astronomical Union, 2018, 14, 415-416.	0.0	0
60	Energetic Electron Patterns in the New SLS5 Longitude System. Journal of Geophysical Research: Space Physics, 2019, 124, 7889-7897.	0.8	0
61	Evidence of Electron Density Enhancements in the Post-Apoapsis Sector of Enceladus' Orbit. Journal of Geophysical Research: Space Physics, 2020, 125, .	0.8	0