

S-Y Ye

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reflection and Refraction of the L ^o Mode 5 ^k Hz Saturn Narrowband Emission by the Magnetosheath. Geophysical Research Letters, 2022, 49, .	1.5	3
2	Ambipolar electrostatic field in negatively charged dusty plasma. Journal of Plasma Physics, 2022, 88, .	0.7	3
3	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
4	Investigation on unexpected variations of differential phase delay of Chang ^e TM ^E -3. Advances in Space Research, 2021, 68, 4088-4099.	1.2	3
5	Statistical Study on Spatial Distribution and Polarization of Saturn Narrowband Emissions. Astrophysical Journal, 2021, 918, 64.	1.6	8
6	A Rotating Azimuthally Distributed Auroral Current System on Saturn Revealed by the Cassini Spacecraft. Astrophysical Journal Letters, 2021, 919, L25.	3.0	3
7	Magnetic Field Effect on Antenna Signals Induced by Dust Particle Impacts. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027245.	0.8	8
8	Juno Waves Detection of Dust Impacts Near Jupiter. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006367.	1.5	8
9	Evidence of Electron Density Enhancements in the Post ^a Apoapsis Sector of Enceladus' Orbit. Journal of Geophysical Research: Space Physics, 2020, 125, .	0.8	0
10	A Persistent, Large ^e Scale, and Ordered Electrodynamic Connection Between Saturn and Its Main Rings. Geophysical Research Letters, 2019, 46, 7166-7172.	1.5	2
11	On the Relation Between Jovian Aurorae and the Loading/Unloading of the Magnetic Flux: Simultaneous Measurements From Juno, Hubble Space Telescope, and Hisaki. Geophysical Research Letters, 2019, 46, 11632-11641.	1.5	32
12	Energetic Electron Patterns in the New SLS5 Longitude System. Journal of Geophysical Research: Space Physics, 2019, 124, 7889-7897.	0.8	0
13	Understanding Cassini RPWS Antenna Signals Triggered by Dust Impacts. Geophysical Research Letters, 2019, 46, 10941-10950.	1.5	18
14	Seasonal structures in Saturn's dusty Roche Division correspond to periodicities of the planet's magnetosphere. Icarus, 2019, 330, 230-255.	1.1	8
15	Are Saturn's Interchange Injections Organized by Rotational Longitude?. Journal of Geophysical Research: Space Physics, 2019, 124, 1806-1822.	0.8	11
16	Dust observations with antenna measurements and its prospects for observations with Parker Solar Probe and Solar Orbiter. Annales Geophysicae, 2019, 37, 1121-1140.	0.6	26
17	One ^a Year Analysis of Dust Impact ^e Like Events Onto the MMS Spacecraft. Journal of Geophysical Research: Space Physics, 2019, 124, 8179-8190.	0.8	17
18	Spatial variations in the dust-to-gas ratio of Enceladus ^a ™ plume. Icarus, 2018, 305, 123-138.	1.1	15

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19	The Dusty Plasma Disk Around the Janus/Epimetheus Ring. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4668-4678.	0.8	8
20	Analysis of Intense Z-Mode Emission Observed During the Cassini Proximal Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 6766-6772.	1.5	8
21	Energetic electron measurements near Enceladus by Cassini during 2005–2015. <i>Icarus</i> , 2018, 306, 256-274.	1.1	4
22	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
23	Laboratory modeling of dust impact detection by the Cassini spacecraft. <i>Planetary and Space Science</i> , 2018, 156, 85-91.	0.9	24
24	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
25	An SLS5 Longitude System Based on the Rotational Modulation of Saturn Radio Emissions. <i>Geophysical Research Letters</i> , 2018, 45, 7297-7305.	1.5	13
26	In situ collection of dust grains falling from Saturn's rings into its atmosphere. <i>Science</i> , 2018, 362, .	6.0	44
27	Recurrent Magnetic Dipolarization at Saturn: Revealed by Cassini. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8502-8517.	0.8	14
28	The Cassini RPWS/LP Observations of Dusty Plasma in the Kronian System. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 415-416.	0.0	0
29	Extended Survey of Saturn Z-Mode Wave Intensity Through Cassini's Final Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 7330-7336.	1.5	7
30	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
31	Enceladus Auroral Hiss Emissions During Cassini's Grand Finale. <i>Geophysical Research Letters</i> , 2018, 45, 7347-7353.	1.5	16
32	Cassini RPWS Dust Observation Near the Janus/Epimetheus Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4952-4960.	0.8	9
33	Survey of Saturn electrostatic cyclotron harmonic wave intensity. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8214-8227.	0.8	10
34	Intense Harmonic Emissions Observed in Saturn's Ionosphere. <i>Geophysical Research Letters</i> , 2017, 44, 12,049.	1.5	12
35	Dust detection in space using the monopole and dipole electric field antennas. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,964.	0.8	23
36	Rotational modulation of Saturn's radio emissions after equinox. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,714.	0.8	25

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37	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
38	In-situ measurements of Saturn's dusty rings based on dust impact signals detected by Cassini RPWS. Icarus, 2016, 279, 51-61.	1.1	25
39	Characteristics of ice grains in the Enceladus plume from Cassini observations. Journal of Geophysical Research: Space Physics, 2015, 120, 915-937.	0.8	34
40	Survey of Saturn <i>Z</i> -mode emission. Journal of Geophysical Research: Space Physics, 2015, 120, 6176-6187.	0.8	12
41	Saturn kilometric radiation periodicity after equinox. Icarus, 2015, 254, 72-91.	1.1	31
42	Plasma regions, charged dust and field-aligned currents near Enceladus. Planetary and Space Science, 2015, 117, 453-469.	0.9	16
43	A possible influence of the Great White Spot on Saturn kilometric radiation periodicity. Annales Geophysicae, 2014, 32, 1463-1476.	0.6	19
44	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
45	Properties of dust particles near Saturn inferred from voltage pulses induced by dust impacts on Cassini spacecraft. Journal of Geophysical Research: Space Physics, 2014, 119, 6294-6312.	0.8	40
46	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
47	Cassini observation of Jovian anomalous continuum radiation. Journal of Geophysical Research, 2012, 117, .	3.3	4
48	Analysis of Saturn kilometric radiation near a source center. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	25
49	The influence of Titan on Saturn kilometric radiation. Annales Geophysicae, 2010, 28, 395-406.	0.6	4
50	Source mechanism of Saturn narrowband emission. Annales Geophysicae, 2010, 28, 1013-1021.	0.6	12
51	Cassini observations of narrowband radio emissions in Saturn's magnetosphere. Journal of Geophysical Research, 2010, 115, .	3.3	26
52	Z mode waves as the source of Saturn narrowband radio emissions. Journal of Geophysical Research, 2010, 115, .	3.3	30
53	The reversal of the rotational modulation rates of the north and south components of Saturn kilometric radiation near equinox. Geophysical Research Letters, 2010, 37, .	1.5	65
54	Dual periodicities in the rotational modulation of Saturn narrowband emissions. Journal of Geophysical Research, 2010, 115, .	3.3	24

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55	Elliptical polarization of Saturn Kilometric Radiation observed from high latitudes. Journal of Geophysical Research, 2009, 114, .	3.3	36
56	Source locations of narrowband radio emissions detected at Saturn. Journal of Geophysical Research, 2009, 114, .	3.3	38
57	Analysis of narrowband emission observed in the Saturn magnetosphere. Journal of Geophysical Research, 2009, 114, .	3.3	24
58	Ground based observations of low frequency auroral hiss fine structure. Journal of Geophysical Research, 2008, 113, .	3.3	7
59	Experimental tests of the eigenmode theory of auroral roar fine structure and its application to remote sensing. Journal of Geophysical Research, 2007, 112, .	3.3	4
60	Methods in the study of discrete upper hybrid waves. Journal of Geophysical Research, 2007, 112, .	3.3	3
61	Further study of flickering auroral roar emission: 1. South Pole observations. Journal of Geophysical Research, 2006, 111, .	3.3	6