Jun Cui

List of Publications by Year
in descending order

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159 papers	3,284 citations	186265 28 h-index	182427 51 g-index
161 all docs	161 docs citations	161 times ranked	2505 citing authors

#	Article	IF	Citations
1	Analysis of Titan's neutral upper atmosphere from Cassini Ion Neutral Mass Spectrometer measurements. Icarus, 2009, 200, 581-615.	2.5	276
2	Formation and distribution of benzene on Titan. Journal of Geophysical Research, 2008, 113, .	3.3	174
3	Identify potent SARS-CoV-2 main protease inhibitors via accelerated free energy perturbation-based virtual screening of existing drugs. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27381-27387.	7.1	174
4	On the ionospheric structure of Titan. Planetary and Space Science, 2009, 57, 1821-1827.	1.7	119
5	Methane escape from Titan's atmosphere. Journal of Geophysical Research, 2008, 113, .	3.3	114
6	On the amount of heavy molecular ions in Titan's ionosphere. Planetary and Space Science, 2009, 57, 1857-1865.	1.7	96
7	Distribution and escape of molecular hydrogen in Titan's thermosphere and exosphere. Journal of Geophysical Research, 2008, 113, .	3.3	83
8	Horizontal structures and dynamics of Titan's thermosphere. Journal of Geophysical Research, 2008, 113, .	3.3	83
9	A fundamental mechanism of solar eruption initiation. Nature Astronomy, 2021, 5, 1126-1138.	10.1	79
10	Molecular Hydrogen in the Damped LyÎ± Absorber of Q1331+170. Astrophysical Journal, 2005, 633, 649-663.	4.5	73
11	The thermal structure of Titanâ€™s upper atmosphere, I: Temperature profiles from Cassini INMS observations. Icarus, 2013, 226, 552-582.	2.5	72
12	Diurnal variations of Titan's ionosphere. Journal of Geophysical Research, 2009, 114, .	3.3	69
13	Formation of NH3 and CH2NH in Titan's upper atmosphere. Faraday Discussions, 2010, 147, 31.	3.2	66
14	The CH₄ structure in Titan's upper atmosphere revisited. Journal of Geophysical Research, 2012, 117, .	3.3	61
15	Toward a Slow-Release Borate Inhibitor To Control Mild Steel Corrosion in Simulated Recirculating Water. ACS Applied Materials & Interfaces, 2018, 10, 4183-4197.	8.0	56
16	A Study of Pre-flare Solar Coronal Magnetic Fields: Magnetic Flux Ropes. Astrophysical Journal, 2019, 884, 73.	4.5	50
17	Elemental abundance measurements in low-redshift damped Lyman Â absorbers. Monthly Notices of the Royal Astronomical Society, 2006, 370, 43-62.	4.4	48
18	Granulation of drinking water treatment residuals as applicable media for phosphorus removal. Journal of Environmental Management, 2018, 213, 36-46.	7.8	48

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19	Statistical Properties of Ultraluminous [ITAL]IRAS[/ITAL] Galaxies from an [ITAL]HST[/ITAL] Imaging Survey. Astronomical Journal, 2001, 122, 63-82.	4.7	47
20	Ionization sources in Titan's deep ionosphere. Journal of Geophysical Research, 2010, 115, .	3.3	44
21	The Morphology of the Topside Martian Ionosphere: Implications on Bulk Ion Flow. Journal of Geophysical Research E: Planets, 2019, 124, 734-751.	3.6	43
22	Ion transport in Titan's upper atmosphere. Journal of Geophysical Research, 2010, 115, .	3.3	38
23	Dayâ€toâ€night transport in the Martian ionosphere: Implications from total electron content measurements. Journal of Geophysical Research: Space Physics, 2015, 120, 2333-2346.	2.4	38
24	Rapid Buildup of a Magnetic Flux Rope during a Confined X2.2 Class Flare in NOAA AR 12673. Astrophysical Journal Letters, 2018, 867, L5.	8.3	38
25	On the thermal electron balance in Titanâ€™s sunlit upper atmosphere. Icarus, 2013, 223, 234-251.	2.5	35
26	Why Do Torus-unstable Solar Filaments Experience Failed Eruptions?. Astrophysical Journal Letters, 2019, 877, L28.	8.3	35
27	Dynamical and magnetic field time constants for Titan's ionosphere: Empirical estimates and comparisons with Venus. Journal of Geophysical Research, 2010, 115, .	3.3	34
28	Fragments Delivered by Secondary Craters at the Chang'Eâ€4 Landing Site. Geophysical Research Letters, 2020, 47, e2020GL087361.	4.0	32
29	Evaluating Local Ionization Balance in the Nightside Martian Upper Atmosphere during MAVEN Deep Dip Campaigns. Astrophysical Journal Letters, 2019, 876, L12.	8.3	27
30	Photochemical escape of atomic C and N on Mars: clues from a multi-instrument MAVEN dataset. Astronomy and Astrophysics, 2019, 621, A23.	5.1	26
31	Dust tides and rapid meridional motions in the Martian atmosphere during major dust storms. Nature Communications, 2020, 11, 614.	12.8	26
32	The Inertialized Rice Convection Model. Journal of Geophysical Research: Space Physics, 2019, 124, 10294-10317.	2.4	25
33	Effect of Lowâ€Harmonic Magnetosonic Waves on the Radiation Belt Electrons Inside the Plasmasphere. Journal of Geophysical Research: Space Physics, 2019, 124, 3390-3401.	2.4	23
34	The electron thermal structure in the dayside Martian ionosphere implied by the MGS radio occultation data. Journal of Geophysical Research E: Planets, 2015, 120, 278-286.	3.6	22
35	Ionization balance in Titanâ€™s nightside ionosphere. Icarus, 2015, 248, 539-546.	2.5	22
36	Ionization Efficiency in the Dayside Martian Upper Atmosphere. Astrophysical Journal Letters, 2018, 857, L18.	8.3	22

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37	Suprathermal electron spectra in the Venus ionosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	21
38	Ejecta From the Orientale Basin at the Chang'Eâ€4 Landing Site. Geophysical Research Letters, 2021, 48, e2020GL090935.	4.0	21
39	The implications of the H₂variability in Titan's exosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	20
40	The minimum confidence limit for diameters in crater counts. Icarus, 2020, 341, 113645.	2.5	20
41	Density waves in Titan's upper atmosphere. Journal of Geophysical Research: Space Physics, 2014, 119, 490-518.	2.4	19
42	The Impact of Crustal Magnetic Fields on the Thermal Structure of the Martian Upper Atmosphere. Astrophysical Journal Letters, 2018, 853, L33.	8.3	18
43	Combined Effects of Equatorial Chorus Waves and Highâ€Latitude Zâ€Mode Waves on Saturn's Radiation Belt Electrons. Geophysical Research Letters, 2019, 46, 8624-8632.	4.0	18
44	Structural Variability of the Nightside Martian Ionosphere Near the Terminator: Implications on Plasma Sources. Journal of Geophysical Research E: Planets, 2019, 124, 1495-1511.	3.6	18
45	Earth-like thermal and dynamical coupling processes in the Martian climate system. Earth-Science Reviews, 2022, 229, 104023.	9.1	18
46	A Comparative Study between a Failed and a Successful Eruption Initiated from the Same Polarity Inversion Line in AR 11387. Astrophysical Journal, 2018, 858, 121.	4.5	17
47	Large Eddy Simulations of the Dusty Martian Convective Boundary Layer With MarsWRF. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006752.	3.6	17
48	MAVEN Observations of Magnetic Reconnection at Martian Induced Magnetopause. Geophysical Research Letters, 2021, 48, e2021GL095426.	4.0	17
49	Reduced Atmospheric Ion Escape Above Martian Crustal Magnetic Fields. Geophysical Research Letters, 2019, 46, 11764-11772.	4.0	16
50	The Solar Wind interactions with Lunar Magnetic Anomalies: A case study of the Changâ€™E-2 plasma data near the Serenitatis antipode. Advances in Space Research, 2012, 50, 1600-1606.	2.6	15
51	Electron Diffusion by Coexisting Plasmaspheric Hiss and Chorus Waves: Multisatellite Observations and Simulations. Geophysical Research Letters, 2020, 47, e2020GL088753.	4.0	15
52	Persistence of the Longâ€Duration Daytime TEC Enhancements at Different Longitudinal Sectors During the August 2018 Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028238.	2.4	15
53	The variations of the Martian exobase altitude. Earth and Planetary Physics, 2020, 4, 1-7.	1.1	15
54	Recent Results from Titanâ€™s Ionosphere. Space Science Reviews, 2011, 162, 85-111.	8.1	14

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55	Effect of Hot He⁺ Ions on the Electron Pitch Angle Scattering Driven by H⁺, He⁺, and O⁺ Band EMIC Waves. Geophysical Research Letters, 2019, 46, 6306-6314.	4.0	14
56	Energetic Electron Depletions in the Nightside Martian Upper Atmosphere Revisited. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027670.	2.4	14
57	Speciesâ€dependent Response of the Martian Ionosphere to the 2018 Global Dust Event. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006679.	3.6	14
58	Hyperbolic reflectors determined from peak echoes of ground penetrating radar. Icarus, 2021, 358, 114280.	2.5	14
59	Compositional effects in Titan's thermospheric gravity waves. Geophysical Research Letters, 2013, 40, 43-47.	4.0	13
60	Detection of Mesospheric CO₂ Ice Clouds on Mars in Southern Summer. Geophysical Research Letters, 2019, 46, 7962-7971.	4.0	13
61	Photoelectrons as a Tracer of Planetary Atmospheric Composition: Application to CO on Mars. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006441.	3.6	13
62	Rock Fragments in Shallow Lunar Regolith: Constraints by the Lunar Penetrating Radar Onboard the Chang'Eâ€4 Mission. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006917.	3.6	13
63	Compositional Variation of the Dayside Martian Ionosphere: Inference from Photochemical Equilibrium Computations. Astrophysical Journal, 2021, 923, 29.	4.5	13
64	Neutral Heating Efficiency in the Dayside Martian Upper Atmosphere. Astronomical Journal, 2020, 159, 39.	4.7	12
65	Statistical Study on Locally Generated Highâ€Frequency Plasmaspheric Hiss and Its Effect on Suprathermal Electrons: Van Allen Probes Observation and Quasiâ€linear Simulation. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028526.	2.4	12
66	Ultrawideband Risingâ€Tone Chorus Waves Observed Inside the Oscillating Plasmapause. Journal of Geophysical Research: Space Physics, 2018, 123, 6670-6678.	2.4	11
67	Extreme-ultraviolet Late Phase Caused by Magnetic Reconnection over Quadrupolar Magnetic Configuration in a Solar Flare. Astrophysical Journal, 2019, 878, 46.	4.5	11
68	Variability of the Martian ionosphere from the MAVEN Radio Occultation Science Experiment. Earth and Planetary Physics, 2019, 3, 283-289.	1.1	11
69	Abnormal Dawnâ€“Dusk Asymmetry of Protonated Ions in the Martian Ionosphere. Astrophysical Journal Letters, 2020, 895, L43.	8.3	11
70	The Relationship between Chirality, Sense of Rotation, and Hemispheric Preference of Solar Eruptive Filaments. Astrophysical Journal, 2020, 891, 180.	4.5	11
71	Nitric Oxide Abundance in the Martian Thermosphere and Its Diurnal Variation. Geophysical Research Letters, 2020, 47, e2020GL087252.	4.0	11
72	Ifnar gene variants influence gut microbial production of palmitoleic acid and host immune responses to tuberculosis. Nature Metabolism, 2022, 4, 359-373.	11.9	11

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73	Influence of local ionization on ionospheric densities in Titan's upper atmosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 5899-5921.	2.4	10
74	THE VARIABILITY OF HCN IN TITANâ€™S UPPER ATMOSPHERE AS IMPLIED BY THE CASSINI ION-NEUTRAL MASS SPECTROMETER MEASUREMENTS. Astrophysical Journal Letters, 2016, 826, L5.	8.3	10
75	Properties of Stream Interactions and Their Associated Shocks near 1.52 au: MAVEN Observations. Astrophysical Journal, 2019, 879, 118.	4.5	10
76	The Relationship Between Photoelectron Boundary and Steep Electron Density Gradient on Mars: MAVEN Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 8015-8022.	2.4	10
77	A Survey of Photoelectrons on the Nightside of Mars. Geophysical Research Letters, 2021, 48, e2020GL089998.	4.0	10
78	Deflection of Global Ion Flow by the Martian Crustal Magnetic Fields. Astrophysical Journal Letters, 2020, 898, L54.	8.3	10
79	The solar wind plasma upstream of Mars observed by Tianwen-1: Comparison with Mars Express and MAVEN. Science China Earth Sciences, 2022, 65, 759-768.	5.2	10
80	Experimental investigation of microsegregation in low frequency electromagnetic casting 7075 aluminum alloy. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 500-505.	0.9	9
81	Lost Volatiles During the Formation of Hollows on Mercury. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006559.	3.6	9
82	Recent Dark Pyroclastic Deposits on Mercury. Geophysical Research Letters, 2021, 48, e2021GL092532.	4.0	9
83	Shortâ€Term and Globalâ€Wide Effusive Volcanism on Mercury Around 3.7ÂGa. Geophysical Research Letters, 2021, 48, e2021GL094503.	4.0	9
84	The Rotation of Magnetic Flux Ropes Formed during Solar Eruption. Astrophysical Journal Letters, 2022, 927, L14.	8.3	9
85	Targeting Selective Autophagy as a Therapeutic Strategy for Viral Infectious Diseases. Frontiers in Microbiology, 2022, 13, 889835.	3.5	9
86	The Impact and Mechanism of the Magnetic Inclination Angle on O⁺ Escape from Mars. Astrophysical Journal, 2022, 931, 30.	4.5	9
87	Lunar exosphere influence on lunar-based near-ultraviolet astronomical observations. Advances in Space Research, 2011, 48, 1927-1934.	2.6	8
88	SUPRATHERMAL ELECTRONS IN TITANâ€™S SUNLIT IONOSPHERE: MODELâ€“OBSERVATION COMPARISONS. Astrophysical Journal, 2016, 826, 131.	4.5	8
89	Effect of pH on the Passivation of Carbon Steel by Sodium Borosilicate Controlled-Release Inhibitor in Simulated Recirculating Cooling Water. Industrial & Engineering Chemistry Research, 2017, 56, 7239-7252.	3.7	8
90	On the Hardness of the Photoelectron Energy Spectrum Near Mars. Journal of Geophysical Research E: Planets, 2019, 124, 2745-2753.	3.6	8

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91	Monte Carlo calculations of the atmospheric sputtering yields on Titan. Astronomy and Astrophysics, 2019, 623, A18.	5.1	8
92	Response of photoelectron peaks in the Martian ionosphere to solar EUV/X-ray irradiance. Earth and Planetary Physics, 2020, 4, 1-6.	1.1	8
93	The Ionosphere at Middle and Low Latitudes Under Geomagnetic Quiet Time of December 2019. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028964.	2.4	8
94	Nonlinear Interactions Between Relativistic Electrons and EMIC Waves in Magnetospheric Warm Plasma Environments. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028089.	2.4	8
95	Ring current proton scattering by low-frequency magnetosonic waves. Earth and Planetary Physics, 2019, 3, 365-372.	1.1	8
96	Titan's upper atmosphere/exosphere, escape processes, and rates. , 2014, , 355-375.		7
97	Solar and Magnetic Control of Minor Ion Peaks in the Dayside Martian Ionosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028254.	2.4	7
98	Dayside nitrogen and carbon escape on Titan: the role of exothermic chemistry. Astronomy and Astrophysics, 2020, 633, A8.	5.1	7
99	Magnetospheric Source and Electric Current System Associated With Intense SAIDs. Geophysical Research Letters, 2021, 48, e2021GL093253.	4.0	7
100	Interplanetary Coronal Mass Ejections from MAVEN Orbital Observations at Mars. Astrophysical Journal, 2021, 923, 4.	4.5	7
101	The Energetic Particle Environment of the Lunar Nearside: SEP Influence. Astrophysical Journal, 2017, 849, 151.	4.5	6
102	The Structure of Titanâ€™s N₂ and CH₄ Coronae. Astronomical Journal, 2017, 154, 271.	4.7	6
103	Electron Temperatures in the Dayside Ionosphere of Mars Derived from Chemistry. Astrophysical Journal, 2019, 887, 177.	4.5	6
104	The Polar Wind Modulated by the Spatial Inhomogeneity of the Strength of the Earth's Magnetic Field. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027802.	2.4	6
105	Abnormal Phase Structure of Thermal Tides During Major Dust Storms on Mars: Implications for the Excitation Source of Highâ€altitude Water Ice Clouds. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006758.	3.6	6
106	Structure and Evolution of an Interâ€“Active Region Large-scale Magnetic Flux Rope. Astrophysical Journal, 2021, 906, 45.	4.5	6
107	Monte Carlo Calculations of Helium Escape on Mars via Energy Transfer from Hot Oxygen Atoms. Astrophysical Journal, 2020, 902, 121.	4.5	6
108	Gravity Waves in Different Atmospheric Layers During Martian Dust Storms. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	6

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109	Martian electron density profiles retrieved from Mars Express dual-frequency radio occultation measurements. Advances in Space Research, 2015, 55, 2177-2189.	2.6	5
110	Precipitation Loss of Radiation Belt Electrons by Twoâ€Band Plasmaspheric Hiss Waves. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028157.	2.4	5
111	Temperature Variability in Titan's Upper Atmosphere: The Role of Wave Dissipation. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006163.	3.6	5
112	Fieldâ€Aligned Photoelectron Energy Peaks at High Altitude and on the Nightside of Titan. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006252.	3.6	5
113	Asymmetric Lunar Magnetic Perturbations Produced by Reflected Solar Wind Particles. Astrophysical Journal Letters, 2020, 893, L36.	8.3	5
114	Hydrogen and helium escape on Venus via energy transfer from hot oxygen atoms. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2394-2402.	4.4	5
115	Variation of Magnetic Flux Ropes through Major Solar Flares. Astrophysical Journal Letters, 2021, 907, L23.	8.3	5
116	Observation of CO₂⁺⁺ dication in the dayside Martian upper atmosphere. Earth and Planetary Physics, 2020, 4, 1-7.	1.1	5
117	Bidirectional electron conic observations for photoelectrons in the Martian ionosphere. Earth and Planetary Physics, 2020, 4, 1-5.	1.1	5
118	Coherence of Ion Cyclotron Resonance in Damped Ion Cyclotron Waves in Space Plasmas. Astrophysical Journal, 2022, 928, 36.	4.5	5
119	A method to estimate the neutral atmospheric density near the ionospheric main peak of Mars. Journal of Geophysical Research: Space Physics, 2016, 121, 3464-3475.	2.4	4
120	Formation of Recrystallization Cube Texture in Highly Rolled Niâ€“9.3 at % W. Physics of Metals and Metallography, 2020, 121, 248-253.	1.0	4
121	The configuration and failed eruption of a complex magnetic flux rope above aÎ´sunspot region. Astronomy and Astrophysics, 2021, 648, A106.	5.1	4
122	A Comparative Study on the Distributions of Incoherent and Coherent Plasmaspheric Hiss. Geophysical Research Letters, 2021, 48, e2021GL092902.	4.0	4
123	Photoelectron balance in the dayside Martian upper atmosphere. Earth and Planetary Physics, 2019, 3, 373-379.	1.1	4
124	Energy Conversion between Ions and Electrons through Ion Cyclotron Waves and Embedded Ion-scale Rotational Discontinuity in Collisionless Space Plasmas. Astrophysical Journal Letters, 2020, 904, L16.	8.3	4
125	Structural evolution of a magnetic flux rope associated with a major flare in the solar active region 12205. Astronomy and Astrophysics, 2022, 659, A25.	5.1	4
126	Effects of the Solar Wind Dynamic Pressure on the Martian Topside Ion Distribution: Implications on the Variability of Bulk Ion Outflow. Astrophysical Journal, 2021, 922, 231.	4.5	4

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127	Empirical Models of Ion Density Distribution in the Dayside Martian Ionosphere. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4
128	Magnetospheric Multiscale Mission Observations of Lower-hybrid Drift Waves in Terrestrial Magnetotail Reconnection with Moderate Guide Field and Asymmetric Plasma Density. Astrophysical Journal, 2022, 933, 208.	4.5	4
129	Threeâ€dimensional morphology of eutectic silicon in asâ€cast Alâ€20Âwt% Si alloy with ultrasonic treatment. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 177-182.	0.9	3
130	Photoionization Modeling of Titanâ€™s Dayside Ionosphere. Astrophysical Journal Letters, 2017, 850, L26.	8.3	3
131	Unusual Multiple Excitation of Largeâ€Scale Gravity Waves by Successive Stream Interactions: The Role of AlfvÃ©nic Fluctuations. Journal of Geophysical Research: Space Physics, 2019, 124, 6281-6287.	2.4	3
132	Spatially Quasi-periodic Finger-like Auroras during Substorms. Astrophysical Journal, 2020, 897, 149.	4.5	3
133	Fine debris flows formed by the Orientale basin. Earth and Planetary Physics, 2020, 4, 1-11.	1.1	3
134	Atomic Oxygen Escape on Mars Driven by Electron Impact Excitation and Ionization. Astronomical Journal, 2020, 159, 54.	4.7	3
135	In Situ Heating of the Nightside Martian Upper Atmosphere and Ionosphere: The Role of Solar Wind Electron Precipitation. Astrophysical Journal, 2021, 909, 108.	4.5	3
136	Recent Results from Titanâ€™s Ionosphere. Space Sciences Series of ISSI, 2011, , 85-111.	0.0	3
137	An Automatic Identification Method for the Photoelectron Boundary at Mars. Astronomical Journal, 2022, 163, 186.	4.7	3
138	Species-dependent solar rotation effects on the Martian ionosphere. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1293-1299.	4.4	3
139	Windâ€Enhanced Hydrogen Escape on Mars. Geophysical Research Letters, 2022, 49, .	4.0	3
140	Gravity Waves in Titan's Atmosphere: A Comparison Between Linearized Wave Model Calculations and HASI Observations. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	3
141	Study on casting composite ingot of 4045/3004/4045 aluminum alloys. Materialwissenschaft Und Werkstofftechnik, 2013, 44, 44-48.	0.9	2
142	Titan's Variable Ionosphere During the T118 and T119 Cassini Flybys. Geophysical Research Letters, 2018, 45, 8721-8728.	4.0	2
143	Effect of temperature on the passivation behaviour of the slow-release inhibitor for carbon steel in the simulated recirculating water. Corrosion Engineering Science and Technology, 2019, 54, 286-297.	1.4	2
144	A MAVEN investigation of O⁺⁺ in the dayside Martian ionosphere. Earth and Planetary Physics, 2020, 4, 1-6.	1.1	2

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145	Effects of Ion Slippage in Earth's Ionosphere and the Plasma Sheet. Geophysical Research Letters, 2021, 48, e2020GL091494.	4.0	1
146	Self-Secondaries Formed by Cold Spot Craters on the Moon. Remote Sensing, 2021, 13, 1087.	4.0	1
147	A Magnetospheric Driver of Westward Traveling Surge: Plasmaâ€Sheet Bubble. Geophysical Research Letters, 2021, 48, e2021GL095539.	4.0	1
148	Solar control of CO₂ ⁺ ultraviolet doublet emission on Mars. Earth and Planetary Physics, 2020, 4, 1-7.	1.1	1
149	High-Latitude Cold Ion Outflow Inferred From the Cluster Wake Observations in the Magnetotail Lobes and the Polar Cap Region. Frontiers in Physics, 2021, 9, .	2.1	1
150	Crossâ€Terminator Variations of the Photoelectron Energy Distribution in the Martian Ionosphere. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	1
151	Modeling the CO2+ Ultraviolet Doublet Emission from Mars with a Multi-Instrument MAVEN Data Set. Remote Sensing, 2022, 14, 1705.	4.0	1
152	Diurnal Variations of Water Ice in the Martian Atmosphere Observed by Mars Climate Sounder. Remote Sensing, 2022, 14, 2235.	4.0	1
153	Effects of ultrasonic field on the Pbâ€Sn alloys during heating process. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 928-933.	0.9	0
154	A Test Particle Monte Carlo Investigation of the CH₄ Torus around Saturn. Astronomical Journal, 2019, 157, 15.	4.7	0
155	Effect of Annealing Temperature on Cube Texture Formation in Ni7W/Ni12W/Ni7W Compound Substrate. Physics of Metals and Metallography, 2020, 121, 261-268.	1.0	0
156	On the structure of the Enceladus plume. Monthly Notices of the Royal Astronomical Society, 2021, 504, 6216-6222.	4.4	0
157	Development of Multiple Injection Channels During a Sawtooth Substorm Event. Geophysical Research Letters, 2021, 48, e2021GL094097.	4.0	0
158	Species-dependent ion escape on Titan. Earth and Planetary Physics, 2019, 3, 183-189.	1.1	0
159	Photoelectron Butterfly Pitch-angle Distributions in the Martian Ionosphere Based on MAVEN Observations. Astrophysical Journal, 2022, 929, 126.	4.5	0