

Joachim Saur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7857341/publications.pdf>

Version: 2024-02-01

143
papers

6,234
citations

76031

42
h-index

100535

70
g-index

161
all docs

161
docs citations

161
times ranked

3374
citing authors

#	ARTICLE	IF	CITATIONS
1	Enceladus as a potential oasis for life: Science goals and investigations for future explorations. <i>Experimental Astronomy</i> , 2022, 54, 809-847.	1.6	5
2	Alternating Emission Features in Io's Footprint Tail: Magnetohydrodynamical Simulations of Possible Causes. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	9
3	Juno Plasma Wave Observations at Ganymede. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	13
4	Mapping the Brightness of Ganymede's Ultraviolet Aurora Using Hubble Space Telescope Observations. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	1.5	3
5	Plasma Observations During the 7 June 2021 Ganymede Flyby From the Jovian Auroral Distributions Experiment (JADE) on Juno. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	16
6	Automated Noninvasive Central Blood Pressure Measurements by Oscillometric Radial Pulse Wave Analysis: Results of the MEASURE-cBP Validation Studies. <i>American Journal of Hypertension</i> , 2021, 34, 383-393.	1.0	6
7	Multiple breath washout (MBW) testing using sulfur hexafluoride: reference values and influence of anthropometric parameters. <i>Thorax</i> , 2021, 76, 380-386.	2.7	3
8	Turbulence in the Magnetospheres of the Outer Planets. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	6
9	A sublimated water atmosphere on Ganymede detected from Hubble Space Telescope observations. <i>Nature Astronomy</i> , 2021, 5, 1043-1051.	4.2	24
10	Brown dwarfs as ideal candidates for detecting UV aurora outside the Solar System: <i>Hubble</i> Space Telescope observations of 2MASS J1237+6526. <i>Astronomy and Astrophysics</i> , 2021, 655, A75.	2.1	8
11	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
12	An entropy stable nodal discontinuous Galerkin method for the resistive MHD equations. Part I: Theory and numerical verification. <i>Journal of Computational Physics</i> , 2020, 422, 108076.	1.9	30
13	Proton Acceleration by Io's Alfvénic Interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027314.	0.8	18
14	A New Framework to Explain Changes in Io's Footprint Tail Electron Fluxes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089267.	1.5	25
15	Wave-Particle Interactions Associated With Io's Auroral Footprint: Evidence of Alfvénic, Ion Cyclotron, and Whistler Modes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088432.	1.5	34
16	An attempt to detect transient changes in Io's SO ₂ and NaCl atmosphere. <i>Icarus</i> , 2020, 350, 113925.	1.1	16
17	First Report of Electron Measurements During a Europa Footprint Tail Crossing by Juno. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089732.	1.5	17
18	An Analysis of the Statistics and Systematics of Limb Anomaly Detections in HST/STIS Transit Images of Europa. <i>Astronomical Journal</i> , 2020, 159, 155.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Energy Flux and Characteristic Energy of Electrons Over Jupiter's Main Auroral Emission. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027693.	0.8	37
20	Joint Europa Mission (JEM): a multi-scale study of Europa to characterize its habitability and search for extant life. <i>Planetary and Space Science</i> , 2020, 193, 104960.	0.9	15
21	Ice-Ocean Exchange Processes in the Jovian and Saturnian Satellites. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	43
22	Alfvénic Acceleration Sustains Ganymede's Footprint Tail Aurora. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086527.	1.5	25
23	Feasibility and clinical applications of multiple breath wash-out (MBW) testing using sulphur hexafluoride in adults with bronchial asthma. <i>Scientific Reports</i> , 2020, 10, 1527.	1.6	7
24	Large Ocean Worlds with High-Pressure Ices. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	62
25	Experimental and Simulation Efforts in the Astrobiological Exploration of Exooceans. <i>Space Science Reviews</i> , 2020, 216, 9.	3.7	25
26	Energetic Proton Acceleration Associated With Io's Footprint Tail. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090839.	1.5	16
27	Birkeland currents in Jupiter's magnetosphere observed by the polar-orbiting Juno spacecraft. <i>Nature Astronomy</i> , 2019, 3, 904-909.	4.2	40
28	Juno's UVS Observation of the Io Footprint During Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5184-5199.	0.8	19
29	Time-variable Electromagnetic Star-Planet Interaction: The TRAPPIST-1 System as an Exemplary Case. <i>Astrophysical Journal</i> , 2019, 872, 113.	1.6	21
30	Cardiovascular Comorbidities in Chronic Obstructive Pulmonary Disease (COPD) – Current Considerations for Clinical Practice. <i>Journal of Clinical Medicine</i> , 2019, 8, 69.	1.0	40
31	Towards a Global Unified Model of Europa's Tenuous Atmosphere. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	36
32	Modeling Magnetospheric Fields in the Jupiter System. <i>Astrophysics and Space Science Library</i> , 2018, , 153-182.	1.0	2
33	Jupiter's Aurora Observed With HST During Juno Orbits 3 to 7. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3299-3319.	0.8	53
34	The UV Spectrum of the Ultracool Dwarf LSR J1835+3259 Observed with the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2018, 859, 74.	1.6	8
35	MHD Modeling of the Plasma Interaction With Io's Asymmetric Atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9286-9311.	0.8	36
36	Precipitating Electron Energy Flux and Characteristic Energies in Jupiter's Main Auroral Region as Measured by Juno/JEDI. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7554-7567.	0.8	42

#	ARTICLE	IF	CITATIONS
37	Small Airway Disease in Pulmonary Hypertension—Additional Diagnostic Value of Multiple Breath Washout and Impulse Oscillometry. <i>Journal of Clinical Medicine</i> , 2018, 7, 532.	1.0	9
38	Electromagnetic Coupling in Star-Planet Systems. , 2018, , 1877-1893.		2
39	Wave-Particle Interaction of Alfvén Waves in Jupiter's Magnetosphere: Auroral and Magnetospheric Particle Acceleration. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9560-9573.	0.8	64
40	In Situ Observations Connected to the Io Footprint Tail Aurora. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 3061-3077.	1.5	48
41	The Far-UV Albedo of Europa From HST Observations. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1327-1342.	1.5	7
42	Juno observations of spot structures and a split tail in Io-induced aurorae on Jupiter. <i>Science</i> , 2018, 361, 774-777.	6.0	53
43	Time to Exhale: Additional Value of Expiratory Chest CT in Chronic Obstructive Pulmonary Disease. <i>Canadian Respiratory Journal</i> , 2018, 2018, 1-9.	0.8	13
44	Similarity of the Jovian satellite footprints: Spots multiplicity and dynamics. <i>Icarus</i> , 2017, 292, 208-217.	1.1	23
45	How is the Jovian main auroral emission affected by the solar wind?. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1960-1978.	0.8	39
46	A Model for Dissipation of Solar Wind Magnetic Turbulence by Kinetic Alfvén Waves at Electron Scales: Comparison with Observations. <i>Astrophysical Journal</i> , 2017, 835, 133.	1.6	13
47	Morphology of Ganymede's FUV auroral ovals. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2855-2876.	0.8	12
48	Constraints on Io's interior from auroral spot oscillations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1903-1927.	0.8	23
49	Spatial Distribution and Properties of 0.1–100 keV Electrons in Jupiter's Polar Auroral Region. <i>Geophysical Research Letters</i> , 2017, 44, 9199-9207.	1.5	34
50	Energetic particle signatures of magnetic field-aligned potentials over Jupiter's polar regions. <i>Geophysical Research Letters</i> , 2017, 44, 8703-8711.	1.5	41
51	Phase-coherence classification: A new wavelet-based method to separate local field potentials into local (in)coherent and volume-conducted components. <i>Journal of Neuroscience Methods</i> , 2017, 291, 198-212.	1.3	3
52	The tails of the satellite auroral footprints at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7985-7996.	0.8	57
53	Induction signals from Callisto's ionosphere and their implications on a possible subsurface ocean. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,677.	0.8	35
54	New constraints on Ganymede's hydrogen corona: Analysis of Lyman- α emissions observed by HST/STIS between 1998 and 2014. <i>Planetary and Space Science</i> , 2017, 148, 35-44.	0.9	20

#	ARTICLE	IF	CITATIONS
55	The Uncertainty of Local Background Magnetic Field Orientation in Anisotropic Plasma Turbulence. <i>Astrophysical Journal</i> , 2017, 843, 5.	1.6	11
56	Structure and density of Callisto's atmosphere from a fluid-kinetic model of its ionosphere: Comparison with Hubble Space Telescope and Galileo observations. <i>Icarus</i> , 2017, 282, 237-259.	1.1	23
57	Electromagnetic Coupling in Star-Planet Systems. , 2017, , 1-17.		0
58	Multiple breath washout testing in adults with pulmonary disease and healthy controls " can fewer measurements eventually be more?. <i>BMC Pulmonary Medicine</i> , 2017, 17, 185.	0.8	5
59	Comparison of Bioreactance Non-Invasive Cardiac Output Measurements with Cardiac Magnetic Resonance Imaging. <i>Anaesthesia and Intensive Care</i> , 2016, 44, 769-776.	0.2	9
60	Constraints on an exosphere at Ceres from Hubble Space Telescope observations. <i>Geophysical Research Letters</i> , 2016, 43, 2465-2472.	1.5	19
61	Europa's far ultraviolet oxygen aurora from a comprehensive set of HST observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2143-2170.	0.8	54
62	Europa's plasma interaction with an inhomogeneous atmosphere: Development of Alfvén winglets within the Alfvén wings. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9794-9828.	0.8	36
63	Longitudinal and local time asymmetries of magnetospheric turbulence in Saturn's plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4119-4134.	0.8	10
64	Comparison of electrical velocimetry and cardiac magnetic resonance imaging for the non-invasive determination of cardiac output. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 399-408.	0.7	19
65	Simulations of the Earth's magnetosphere embedded in subsonic solar wind on 24 and 25 May 2002. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8517-8528.	0.8	15
66	The search for a subsurface ocean in Ganymede with Hubble Space Telescope observations of its auroral ovals. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1715-1737.	0.8	128
67	FORWARD MODELING OF REDUCED POWER SPECTRA FROM THREE-DIMENSIONAL K-SPACE. <i>Astrophysical Journal</i> , 2015, 806, 116.	1.6	10
68	Turbulent magnetic field fluctuations in Saturn's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2797-2818.	0.8	41
69	Discontinuities in the magnetic field near Enceladus. <i>Geophysical Research Letters</i> , 2014, 41, 3359-3366.	1.5	13
70	Consistent boundary conditions at nonconducting surfaces of planetary bodies: Applications in a new Ganymede MHD model. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4412-4440.	0.8	38
71	The science case for an orbital mission to Uranus: Exploring the origins and evolution of ice giant planets. <i>Planetary and Space Science</i> , 2014, 104, 122-140.	0.9	56
72	Orbital apocenter is not a sufficient condition for HST/STIS detection of Europa's water vapor aurora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5123-32.	3.3	65

#	ARTICLE	IF	CITATIONS
73	A phenomenological model of Io's UV aurora based on HST/STIS observations. <i>Icarus</i> , 2014, 228, 386-406.	1.1	24
74	Transient Water Vapor at Europa's South Pole. <i>Science</i> , 2014, 343, 171-174.	6.0	401
75	Ion densities and magnetic signatures of dust pickup at Enceladus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2740-2774.	0.8	38
76	Evolution of the Io footprint brightness I: Far-UV observations. <i>Planetary and Space Science</i> , 2013, 88, 64-75.	0.9	32
77	Exospheric O ₂ densities at Europa during different orbital phases. <i>Planetary and Space Science</i> , 2013, 88, 42-52.	0.9	40
78	Structure of Titan's induced magnetosphere under varying background magnetic field conditions: Survey of Cassini magnetometer data from flybys T85. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1679-1699.	0.8	30
79	Modeling Jupiter's magnetosphere: Influence of the internal sources. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2157-2172.	0.8	45
80	Energetic aspects of Enceladus' magnetospheric interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3430-3445.	0.8	8
81	Aurora on Ganymede. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2043-2054.	0.8	58
82	Magnetic energy fluxes in sub-Alfvénic planet star and moon planet interactions. <i>Astronomy and Astrophysics</i> , 2013, 552, A119.	2.1	128
83	Observational evidence of Alfvén wings at the Earth. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	33
84	OSS (Outer Solar System): a fundamental and planetary physics mission to Neptune, Triton and the Kuiper Belt. <i>Experimental Astronomy</i> , 2012, 34, 203-242.	1.6	37
85	Analysis of Cassini magnetic field observations over the poles of Rhea. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
86	Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. <i>Experimental Astronomy</i> , 2012, 33, 753-791.	1.6	44
87	Influence of negatively charged plume grains and hemisphere coupling currents on the structure of Enceladus' Alfvén wings: Analytical modeling of Cassini magnetometer observations. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	50
88	Magnetic signatures of a tenuous atmosphere at Dione. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	31
89	Influence of negatively charged plume grains on the structure of Enceladus' Alfvén wings: Hybrid simulations versus Cassini Magnetometer data. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	56
90	HUBBLE SPACE TELESCOPE/ADVANCED CAMERA FOR SURVEYS OBSERVATIONS OF EUROPA'S ATMOSPHERIC ULTRAVIOLET EMISSION AT EASTERN ELONGATION. <i>Astrophysical Journal</i> , 2011, 738, 153.	1.6	34

#	ARTICLE	IF	CITATIONS
91	The auroral footprint of Enceladus on Saturn. <i>Nature</i> , 2011, 472, 331-333.	13.7	82
92	Multi-frequency electromagnetic sounding of the Galilean moons. <i>Icarus</i> , 2011, 214, 477-494.	1.1	46
93	Simulation of Io's auroral emission: Constraints on the atmosphere in eclipse. <i>Icarus</i> , 2011, 214, 495-509.	1.1	26
94	Induced Magnetic Fields in Solar System Bodies. <i>Space Science Reviews</i> , 2010, 152, 391-421.	3.7	58
95	Titan's highly dynamic magnetic environment: A systematic survey of Cassini magnetometer observations from flybys TA62. <i>Planetary and Space Science</i> , 2010, 58, 1230-1251.	0.9	68
96	Magnetic field fossilization and tail reconfiguration in Titan's plasma environment during a magnetopause passage: 3D adaptive hybrid code simulations. <i>Planetary and Space Science</i> , 2010, 58, 1526-1546.	0.9	18
97	Solar wind turbulent spectrum from MHD to electron scales. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	12
98	Location and spatial shape of electron beams in Io's wake. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	29
99	Energetic neutral atoms from Titan: Particle simulations in draped magnetic and electric fields. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	13
100	Azimuthal plasma flow in the Kronian magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	32
101	Titan's plasma environment during a magnetosheath excursion: Real-time scenarios for Cassini's T32 flyby from a hybrid simulation. <i>Annales Geophysicae</i> , 2009, 27, 669-685.	0.6	18
102	Universality of Solar-Wind Turbulent Spectrum from MHD to Electron Scales. <i>Physical Review Letters</i> , 2009, 103, 165003.	2.9	355
103	TandEM: Titan and Enceladus mission. <i>Experimental Astronomy</i> , 2009, 23, 893-946.	1.6	77
104	The plasma interaction of Enceladus: 3D hybrid simulations and comparison with Cassini MAG data. <i>Planetary and Space Science</i> , 2009, 57, 2113-2122.	0.9	51
105	Plasma wake of Tethys: Hybrid simulations versus Cassini MAG data. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	35
106	Ion conics and electron beams associated with auroral processes on Saturn. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	81
107	Auroral Processes. , 2009, , 333-374.		34
108	Induced Magnetic Fields in Solar System Bodies. <i>Space Sciences Series of ISSI</i> , 2009, , 391-421.	0.0	5

#	ARTICLE	IF	CITATIONS
109	UV Io footprint leading spot: A key feature for understanding the UV Io footprint multiplicity?. Geophysical Research Letters, 2008, 35, .	1.5	84
110	Influence of the internally induced magnetic field on the plasma interaction of Europa. Journal of Geophysical Research, 2008, 113, .	3.3	39
111	Alfvén vortices in Saturn's magnetosheath: Cassini observations. Geophysical Research Letters, 2008, 35, .	1.5	27
112	Evidence for temporal variability of Enceladus' gas jets: Modeling of Cassini observations. Geophysical Research Letters, 2008, 35, .	1.5	78
113	The Dust Halo of Saturn's Largest Icy Moon, Rhea. Science, 2008, 319, 1380-1384.	6.0	53
114	Io's Atmospheric Response to Eclipse: UV Aurorae Observations. Science, 2007, 318, 237-240.	6.0	41
115	Ultraviolet Io footprint short timescale dynamics. Geophysical Research Letters, 2007, 34, .	1.5	20
116	Io's nonlinear MHD-wave field in the heterogeneous Jovian magnetosphere. Geophysical Research Letters, 2007, 34, .	1.5	52
117	Equatorial electron beams and auroral structuring at Jupiter. Journal of Geophysical Research, 2007, 112, .	3.3	37
118	Hemisphere coupling in Enceladus' asymmetric plasma interaction. Journal of Geophysical Research, 2007, 112, .	3.3	35
119	Time-varying interaction of Europa with the jovian magnetosphere: Constraints on the conductivity of Europa's subsurface ocean. Icarus, 2007, 192, 41-55.	1.1	71
120	Titan's near magnetotail from magnetic field and electron plasma observations and modeling: Cassini flybys TA, TB, and T3. Journal of Geophysical Research, 2006, 111, .	3.3	82
121	Identification of a Dynamic Atmosphere at Enceladus with the Cassini Magnetometer. Science, 2006, 311, 1406-1409.	6.0	338
122	Anti-planetward auroral electron beams at Saturn. Nature, 2006, 439, 699-702.	13.7	40
123	Atmospheres and Plasma Interactions at Saturn's Largest Inner Icy Satellites. Astrophysical Journal, 2005, 620, L115-L118.	1.6	32
124	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. Science, 2005, 307, 1270-1273.	6.0	166
125	Energetic particle injections in Saturn's magnetosphere. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	109
126	Evidence of Enceladus and Tethys microsignatures. Geophysical Research Letters, 2005, 32, .	1.5	27

#	ARTICLE	IF	CITATIONS
127	Cassini observations of Io's visible aurorae. <i>Icarus</i> , 2004, 172, 127-140.	1.1	55
128	Relative contributions of sublimation and volcanoes to Io's atmosphere inferred from its plasma interaction during solar eclipse. <i>Icarus</i> , 2004, 171, 411-420.	1.1	39
129	A model of Io's local electric field for a combined Alfvénic and unipolar inductor far-field coupling. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	44
130	A model for the azimuthal plasma velocity in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	48
131	Turbulent Heating of Jupiter's Middle Magnetosphere. <i>Astrophysical Journal</i> , 2004, 602, L137-L140.	1.6	41
132	The ion mass loading rate at Io. <i>Icarus</i> , 2003, 163, 456-468.	1.1	42
133	An acceleration mechanism for the generation of the main auroral oval on Jupiter. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	33
134	Correction to "An acceleration mechanism for the generation of the main auroral oval on Jupiter". <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	11
135	[ITAL]Hubble Space Telescope[/ITAL] Space Telescope Imaging Spectrograph Search for an Atmosphere on Callisto: A Jovian Unipolar Inductor. <i>Astrophysical Journal</i> , 2002, 581, L51-L54.	1.6	40
136	Interpretation of Galileo's Io plasma and field observations: I0, I24, and I27 flybys and close polar passes. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 5-1-SMP 5-18.	3.3	56
137	Evidence for weak MHD turbulence in the middle magnetosphere of Jupiter. <i>Astronomy and Astrophysics</i> , 2002, 386, 699-708.	2.1	86
138	Io's ultraviolet aurora: Remote sensing of Io's interaction. <i>Geophysical Research Letters</i> , 2000, 27, 2893-2896.	1.5	43
139	Geometry of low-frequency solar wind magnetic turbulence: Evidence for radially aligned Alfvénic fluctuations. <i>Journal of Geophysical Research</i> , 1999, 104, 9975-9988.	3.3	55
140	Three-dimensional plasma simulation of Io's interaction with the Io plasma torus: Asymmetric plasma flow. <i>Journal of Geophysical Research</i> , 1999, 104, 25105-25126.	3.3	126
141	Interaction of the Jovian magnetosphere with Europa: Constraints on the neutral atmosphere. <i>Journal of Geophysical Research</i> , 1998, 103, 19947-19962.	3.3	175
142	A Case for Electron-Astrophysics. <i>Experimental Astronomy</i> , 0, , 1.	1.6	11
143	Enceladus and Titan: emerging worlds of the Solar System. <i>Experimental Astronomy</i> , 0, , 1.	1.6	1