

Krishan K Khurana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3763047/publications.pdf>

Version: 2024-02-01

161
papers

9,841
citations

31902

53
h-index

39575

94
g-index

168
all docs

168
docs citations

168
times ranked

3498
citing authors

#	ARTICLE	IF	CITATIONS
1	A new functional form to study the solar wind control of the magnetopause size and shape. Journal of Geophysical Research, 1997, 102, 9497-9511.	3.3	652
2	Galileo Magnetometer Measurements: A Stronger Case for a Subsurface Ocean at Europa. Science, 2000, 289, 1340-1343.	6.0	576
3	Induced magnetic fields as evidence for subsurface oceans in Europa and Callisto. Nature, 1998, 395, 777-780.	13.7	539
4	Discovery of Ganymede's magnetic field by the Galileo spacecraft. Nature, 1996, 384, 537-541.	13.7	348
5	Identification of a Dynamic Atmosphere at Enceladus with the Cassini Magnetometer. Science, 2006, 311, 1406-1409.	6.0	338
6	Cassini Magnetometer Observations During Saturn Orbit Insertion. Science, 2005, 307, 1266-1270.	6.0	211
7	Probabilistic models of the Jovian magnetopause and bow shock locations. Journal of Geophysical Research, 2002, 107, SMP 17-1.	3.3	195
8	Europa and Callisto: Induced or intrinsic fields in a periodically varying plasma environment. Journal of Geophysical Research, 1999, 104, 4609-4625.	3.3	181
9	Euler potential models of Jupiter's magnetospheric field. Journal of Geophysical Research, 1997, 102, 11295-11306.	3.3	179
10	Io's Interaction with the Plasma Torus: Galileo Magnetometer Report. Science, 1996, 274, 396-398.	6.0	165
11	Evidence of a plume on Europa from Galileo magnetic and plasma wave signatures. Nature Astronomy, 2018, 2, 459-464.	4.2	164
12	Warping of Saturn's magnetospheric and magnetotail current sheets. Journal of Geophysical Research, 2008, 113, .	3.3	148
13	Titan's Magnetic Field Signature During the First Cassini Encounter. Science, 2005, 308, 992-995.	6.0	133
14	Modeling the size and shape of Saturn's magnetopause with variable dynamic pressure. Journal of Geophysical Research, 2006, 111, .	3.3	133
15	The magnetic field and magnetosphere of Ganymede. Geophysical Research Letters, 1997, 24, 2155-2158.	1.5	127
16	Plasma sheet turbulence observed by Cluster II. Journal of Geophysical Research, 2005, 110, .	3.3	124
17	Influence of solar wind on Jupiter's magnetosphere deduced from currents in the equatorial plane. Journal of Geophysical Research, 2001, 106, 25999-26016.	3.3	120
18	Magnetic Field Signatures Near Galileo's Closest Approach to Gaspra. Science, 1993, 261, 331-334.	6.0	116

#	ARTICLE	IF	CITATIONS
19	Evidence of a Global Magma Ocean in Io's Interior. <i>Science</i> , 2011, 332, 1186-1189.	6.0	115
20	Ganymede's magnetosphere: Magnetometer overview. <i>Journal of Geophysical Research</i> , 1998, 103, 19963-19972.	3.3	114
21	Saturn's magnetic field revealed by the Cassini Grand Finale. <i>Science</i> , 2018, 362, .	6.0	108
22	Intermittent short-duration magnetic field anomalies in the Io torus: Evidence for plasma interchange?. <i>Geophysical Research Letters</i> , 1997, 24, 2127-2130.	1.5	107
23	Localized Reconnection in the Near Jovian Magnetotail. <i>Science</i> , 1998, 280, 1061-1064.	6.0	101
24	Storm-like dynamics of Jupiter's inner and middle magnetosphere. <i>Journal of Geophysical Research</i> , 1999, 104, 22759-22778.	3.3	101
25	A Magnetic Signature at Io: Initial Report from the Galileo Magnetometer. <i>Science</i> , 1996, 273, 337-340.	6.0	100
26	Global structure of Jupiter's magnetospheric current sheet. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	98
27	Improved mapping of Jupiter's auroral features to magnetospheric sources. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	98
28	Mass release at Jupiter: Substorm-like processes in the Jovian magnetotail. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	94
29	Europa's Magnetic Signature: Report from Galileo's Pass on 19December 1996. <i>Science</i> , 1997, 276, 1239-1241.	6.0	93
30	Reconnection and flows in the Jovian magnetotail as inferred from magnetometer observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	93
31	Saturn's magnetodisc current sheet. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	89
32	Mirror mode structures in the Jovian magnetosheath. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	88
33	Large-scale dynamics of Saturn's magnetopause: Observations by Cassini. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	86
34	Properties of Ganymede's magnetosphere inferred from improved three-dimensional MHD simulations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	84
35	Periodic motion of Saturn's nightside plasma sheet. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	84
36	Location and shape of the Jovian magnetopause and bow shock. <i>Journal of Geophysical Research</i> , 1998, 103, 20075-20082.	3.3	82

#	ARTICLE	IF	CITATIONS
37	Titan's near magnetotail from magnetic field and electron plasma observations and modeling: Cassini flybys TA, TB, and T3. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	82
38	Three-dimensional MHD simulations of Ganymede's magnetosphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	80
39	The origin of Ganymede's polar caps. <i>Icarus</i> , 2007, 191, 193-202.	1.1	78
40	Cluster electric current density measurements within a magnetic flux rope in the plasma sheet. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	77
41	Sources of rotational signals in Saturn's magnetosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	74
42	The electron density of Saturn's magnetosphere. <i>Annales Geophysicae</i> , 2009, 27, 2971-2991.	0.6	73
43	MHD simulations of Io's interaction with the plasma torus. <i>Journal of Geophysical Research</i> , 1998, 103, 19867-19877.	3.3	68
44	Ultralow frequency MHD waves in Jupiter's middle magnetosphere. <i>Journal of Geophysical Research</i> , 1989, 94, 5241-5254.	3.3	66
45	Mass loading of Saturn's magnetosphere near Enceladus. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	64
46	A generalized hinged magnetodisc model of Jupiter's nightside current sheet. <i>Journal of Geophysical Research</i> , 1992, 97, 6269-6276.	3.3	62
47	Constraints from Galileo observations on the origin of jovian dust streams. <i>Nature</i> , 1996, 381, 395-398.	13.7	62
48	Inference of the angular velocity of plasma in the Jovian magnetosphere from the sweepback of magnetic field. <i>Journal of Geophysical Research</i> , 1993, 98, 67-79.	3.3	57
49	Mass of Saturn's magnetodisc: Cassini observations. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	57
50	Observations of thermal plasmas in Jupiter's magnetotail. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 1-1.	3.3	56
51	Magnetic portraits of Tethys and Rhea. <i>Icarus</i> , 2008, 193, 465-474.	1.1	56
52	Three-dimensional lunar wake reconstructed from ARTEMIS data. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5220-5243.	0.8	54
53	Structure and statistical properties of plasmoids in Jupiter's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 821-843.	0.8	54
54	The Dust Halo of Saturn's Largest Icy Moon, Rhea. <i>Science</i> , 2008, 319, 1380-1384.	6.0	53

#	ARTICLE	IF	CITATIONS
55	Wave activity in Europa's wake: Implications for ion pickup. <i>Journal of Geophysical Research</i> , 2001, 106, 26033-26048.	3.3	52
56	Absence of an internal magnetic field at Callisto. <i>Nature</i> , 1997, 387, 262-264.	13.7	51
57	Plasma and fields in the wake of Rhea: 3-D hybrid simulation and comparison with Cassini data. <i>Annales Geophysicae</i> , 2008, 26, 619-637.	0.6	50
58	Ion cyclotron waves observed at Galileo's Io encounter: Implications for neutral cloud distribution and plasma composition. <i>Geophysical Research Letters</i> , 1997, 24, 2139-2142.	1.5	49
59	Magnetospheric convection in the presence of interplanetary magnetic field: A conceptual model and simulations. <i>Journal of Geophysical Research</i> , 1996, 101, 4907-4916.	3.3	47
60	Limits on an intrinsic dipole moment in Europa. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	47
61	ARTEMIS Science Objectives. <i>Space Science Reviews</i> , 2011, 165, 59-91.	3.7	47
62	Thermal and Energetic Ion Dynamics in Ganymede's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4614-4637.	0.8	46
63	Mirror-mode structures at the Galileo-Io flyby: Instability criterion and dispersion analysis. <i>Journal of Geophysical Research</i> , 1999, 104, 17479-17489.	3.3	44
64	Dynamics of the Saturnian inner magnetosphere: First inferences from the Cassini magnetometers about small-scale plasma transport in the magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	44
65	Europa's near-surface radiation environment. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	44
66	Dynamics of Ganymede's magnetopause: Intermittent reconnection under steady external conditions. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
67	First Results from ARTEMIS, a New Two-Spacecraft Lunar Mission: Counter-Streaming Plasma Populations in the Lunar Wake. <i>Space Science Reviews</i> , 2011, 165, 93-107.	3.7	44
68	Self-consistent multifluid MHD simulations of Europa's exospheric interaction with Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3503-3524.	0.8	44
69	Saturn's Magnetospheric Configuration. , 2009, , 203-255.		44
70	Development and validation of inversion technique for substorm current wedge using ground magnetic field data. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1909-1924.	0.8	43
71	Plasma sheet dynamics in the Jovian magnetotail: Signatures For substorm-like processes ?. <i>Geophysical Research Letters</i> , 1999, 26, 2137-2140.	1.5	42
72	Searching for Liquid Water in Europa by Using Surface Observatories. <i>Astrobiology</i> , 2002, 2, 93-103.	1.5	41

#	ARTICLE	IF	CITATIONS
73	Thermal electron periodicities at 20 <i>R</i> _S in Saturn's magnetosphere. Geophysical Research Letters, 2008, 35, .	1.5	41
74	Magnetic Fields of the Satellites of Jupiter and Saturn. Space Science Reviews, 2010, 152, 271-305.	3.7	41
75	On Jovian plasma sheet structure. Journal of Geophysical Research, 1989, 94, 11791-11803.	3.3	40
76	Anti-planetward auroral electron beams at Saturn. Nature, 2006, 439, 699-702.	13.7	40
77	Mapping Magnetospheric Equatorial Regions at Saturn from Cassini Prime Mission Observations. Space Science Reviews, 2011, 164, 1-83.	3.7	40
78	Properties of the magnetic field in the Jovian magnetotail. Journal of Geophysical Research, 2002, 107, SMP 23-1-SMP 23-9.	3.3	39
79	LAPLACE: A mission to Europa and the Jupiter System for ESA's Cosmic Vision Programme. Experimental Astronomy, 2009, 23, 849-892.	1.6	38
80	A plasma pause-like density boundary at high latitudes in Saturn's magnetosphere. Geophysical Research Letters, 2010, 37, .	1.5	38
81	On the formation of Ganymede's surface brightness asymmetries: Kinetic simulations of Ganymede's magnetosphere. Geophysical Research Letters, 2016, 43, 4745-4754.	1.5	38
82	Signatures of field-aligned currents in Saturn's nightside magnetosphere. Geophysical Research Letters, 2009, 36, .	1.5	37
83	Saturn's periodic magnetic field perturbations caused by a rotating partial ring current. Geophysical Research Letters, 2010, 37, .	1.5	37
84	Models of flux ropes embedded in a harris neutral sheet: Force-free solutions in low and high beta plasmas. Journal of Geophysical Research, 1995, 100, 23637.	3.3	36
85	Mirror-mode structures at the Galileo-Io flyby: Observations. Journal of Geophysical Research, 1999, 104, 17471-17477.	3.3	36
86	Dynamic Harris current sheet thickness from Cluster current density and plasma measurements. Journal of Geophysical Research, 2005, 110, .	3.3	36
87	The Galileo Earth encounter: Magnetometer and allied measurements. Journal of Geophysical Research, 1993, 98, 11299-11318.	3.3	35
88	Magnetosphere-ionosphere mapping at Jupiter: Quantifying the effects of using different internal field models. Journal of Geophysical Research: Space Physics, 2015, 120, 2584-2599.	0.8	35
89	Modeling a force-free flux transfer event probed by multiple Time History of Events and Macroscale Interactions during Substorms (THEMIS) spacecraft. Journal of Geophysical Research, 2008, 113, .	3.3	34
90	Warm flux tubes in the E-ring plasma torus: Initial Cassini magnetometer observations. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	33

#	ARTICLE	IF	CITATIONS
91	Effects of radial motion on interchange injections at Saturn. <i>Icarus</i> , 2016, 264, 342-351.	1.1	33
92	Magnetized or unmagnetized: Ambiguity persists following Galileo's encounters with Io in 1999 and 2000. <i>Journal of Geophysical Research</i> , 2001, 106, 26121-26135.	3.3	31
93	Evidence that crater flux transfer events are initial stages of typical flux transfer events. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	31
94	Asymmetries in Saturn's radiation belts. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	28
95	Interaction of Io with its torus: Does Io have an internal magnetic field?. <i>Geophysical Research Letters</i> , 1997, 24, 2391-2394.	1.5	27
96	The exploration of Titan with an orbiter and a lake probe. <i>Planetary and Space Science</i> , 2014, 104, 78-92.	0.9	26
97	Europa's Alfvén wing: shrinkage and displacement influenced by an induced magnetic field. <i>Annales Geophysicae</i> , 2007, 25, 905-914.	0.6	25
98	Pitch angle distributions of energetic electrons at Saturn. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
99	Observations of magnetic flux ropes and associated currents in Earth's magnetotail with the Galileo spacecraft. <i>Geophysical Research Letters</i> , 1995, 22, 2087-2090.	1.5	24
100	In situ observations of the "preexisting auroral arc" by THEMIS all sky imagers and the FAST spacecraft. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
101	Ion composition in interchange injection events in Saturn's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9761-9772.	0.8	23
102	Callisto plasma interactions: Hybrid modeling including induction by a subsurface ocean. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4877-4889.	0.8	23
103	Energetic electron signatures of Saturn's smaller moons: Evidence of an arc of material at Methone. <i>Icarus</i> , 2008, 193, 455-464.	1.1	22
104	Generation and properties of in vivo flux transfer events. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22
105	The far-ultraviolet main auroral emission at Jupiter " Part 1: Dawn" dusk brightness asymmetries. <i>Annales Geophysicae</i> , 2015, 33, 1203-1209.	0.6	22
106	Sheared magnetic field structure in Jupiter's dusk magnetosphere: Implications for return currents. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 17-1.	3.3	21
107	Magnetic Field Studies of the Solar Wind Interaction with Venus from the Galileo Flyby. <i>Science</i> , 1991, 253, 1518-1522.	6.0	20
108	Probing Ganymede's magnetosphere with field line resonances. <i>Journal of Geophysical Research</i> , 1999, 104, 14729-14738.	3.3	20

#	ARTICLE	IF	CITATIONS
109	Interaction of Saturn's magnetosphere and its moons: 1. Interaction between corotating plasma and standard obstacles. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
110	Field dipolarization in Saturn's magnetotail with planetward ion flows and energetic particle flow bursts: Evidence of quasi-steady reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3603-3617.	0.8	20
111	Jovian plasma sheet morphology: particle and field observations by the Galileo spacecraft. <i>Planetary and Space Science</i> , 2005, 53, 681-692.	0.9	19
112	Flux ropes, interhemispheric conjugacy, and magnetospheric current closure. <i>Journal of Geophysical Research</i> , 1996, 101, 27341-27350.	3.3	18
113	Time-varying magnetospheric environment near Enceladus as seen by the Cassini magnetometer. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	18
114	Outward expansion of the lunar wake: ARTEMIS observations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	18
115	Spinning, breathing, and flapping: Periodicities in Saturn's middle magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 393-416.	0.8	18
116	Discovery of Atmospheric-Wind-Driven Electric Currents in Saturn's Magnetosphere in the Gap Between Saturn and its Rings. <i>Geophysical Research Letters</i> , 2018, 45, 10,068.	1.5	18
117	Simulating the effect of centrifugal forces in Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1925-1950.	0.8	17
118	Cassini observations of Saturn's southern polar cusp. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3006-3030.	0.8	17
119	Alfvén wings in the lunar wake: The role of pressure gradients. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,698.	0.8	17
120	A variable cross-section model of the bow shock of Venus. <i>Journal of Geophysical Research</i> , 1994, 99, 8505.	3.3	16
121	Energetic ion dynamics in Jupiter's plasma sheet. <i>Journal of Geophysical Research</i> , 2001, 106, 18895-18905.	3.3	16
122	Non-self-similar scaling of plasma sheet and solar wind probability distribution functions of magnetic field fluctuations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	16
123	Local Time Asymmetries in Jupiter's Magnetodisc Currents. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027455.	0.8	16
124	Diffuse auroral precipitation in the jovian upper atmosphere and magnetospheric electron flux variability. <i>Icarus</i> , 2005, 178, 406-416.	1.1	15
125	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
126	Ionospheric flow shear associated with the preexisting auroral arc: A statistical study from the FAST spacecraft data. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5194-5213.	0.8	14

#	ARTICLE	IF	CITATIONS
127	Sources of Local Time Asymmetries in Magnetodiscs. <i>Space Science Reviews</i> , 2015, 187, 301-333.	3.7	13
128	Detection of a strongly negative surface potential at Saturn's moon Hyperion. <i>Geophysical Research Letters</i> , 2014, 41, 7011-7018.	1.5	12
129	The far-ultraviolet main auroral emission at Jupiter – Part 2: Vertical emission profile. <i>Annales Geophysicae</i> , 2015, 33, 1211-1219.	0.6	12
130	Cluster observations of quasi-periodic impulsive signatures in the dayside northern lobe: High-latitude flux transfer events?. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	11
131	Measuring the stress state of the Saturnian magnetosphere. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	11
132	Interaction of Saturn's magnetosphere and its moons: 2. Shape of the Enceladus plume. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
133	Global configuration of Saturn's magnetic field derived from observations. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	11
134	Interaction of Saturn's magnetosphere and its moons: 3. Time variation of the Enceladus plume. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
135	Flow vortices associated with flux transfer events moving along the magnetopause: Observations and an MHD simulation. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	11
136	Cassini magnetometer observations over the Enceladus poles. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	10
137	A statistical study of the inner edge of the electron plasma sheet and the net convection potential as a function of geomagnetic activity. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	10
138	Magnetospheric Interactions of Saturn's Moon Dione (2005–2015). <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027688.	0.8	9
139	Environments in the Outer Solar System. <i>Space Science Reviews</i> , 2010, 153, 11-59.	3.7	8
140	Joule heating of the south polar terrain on Enceladus. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	8
141	The role of plasma slowdown in the generation of Rhea's Alfvén wings. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1778-1788.	0.8	8
142	Embedded Regions 1 and 2 Field-Aligned Currents: Newly Recognized From Low-Altitude Spacecraft Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029207.	0.8	7
143	Ultralow frequency waves in the magnetotails of the Earth and the outer planets. <i>Advances in Space Research</i> , 1992, 12, 57-63.	1.2	6
144	The Locations and Shapes of Jupiter's Bow Shock and Magnetopause. <i>AIP Conference Proceedings</i> , 2005, .	0.3	6

#	ARTICLE	IF	CITATIONS
145	Ion pick-up near the icy Galilean satellites. , 2010, , .		6
146	ULF waves in Ganymede's upstream magnetosphere. Annales Geophysicae, 2013, 31, 45-59.	0.6	6
147	Surface current balance and thermoelectric whistler wings at airless astrophysical bodies: Cassini at Rhea. Journal of Geophysical Research: Space Physics, 2014, 119, 8881-8901.	0.8	6
148	Quasiperiodic 1â€Hour AlfvÃ©n Wave Resonances in Saturn's Magnetosphere: Theory for a Realistic Plasma/Field Model. Geophysical Research Letters, 2021, 48, e2020GL090967.	1.5	5
149	Mode conversion at the Jovian plasma sheet boundary. Journal of Geophysical Research, 1998, 103, 14995-15000.	3.3	4
150	Ion cyclotron waves in the Saturnian magnetosphere associated with Cassini's engine exhaust. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	4
151	ARTEMIS Science Objectives. , 2011, , 27-59.		4
152	First Results from ARTEMIS, a New Two-Spacecraft Lunar Mission: Counter-Streaming Plasma Populations in the Lunar Wake. , 2011, , 93-107.		4
153	Measuring magnetic field gradients from four point vector measurements in space. Geophysical Monograph Series, 1998, , 311-316.	0.1	4
154	Reply [to â€œComment on â€Interaction of Io with its torus: Does Io have an internal magnetic field?â€ by Krishan K. Khurana, Margaret G. Kivelson and Christopher T. Russellâ€]. Geophysical Research Letters, 1998, 25, 2351-2352.	1.5	3
155	The Galileo Magnetic Field Investigation. , 1992, , 357-383.		3
156	Sources of Local Time Asymmetries in Magnetodiscs. Space Sciences Series of ISSI, 2016, , 301-333.	0.0	2
157	The 2013 Saturn auroral campaign. Icarus, 2016, 263, 1.	1.1	1
158	Saturnâ€™s Magnetic Field and Dynamo. , 2018, , 69-96.		1
159	Magnetic Fields of the Satellites of Jupiter and Saturn. Space Sciences Series of ISSI, 2009, , 271-305.	0.0	1
160	Medicean Moons Sailing Through Plasma Seas: Challenges in Establishing Magnetic Properties. Proceedings of the International Astronomical Union, 2010, 6, 58-70.	0.0	0
161	Environments in the Outer Solar System. Space Sciences Series of ISSI, 2010, , 11-59.	0.0	0