

# Margaret G Kivelson

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9029080/margaret-g-kivelson-publications-by-year.pdf>

**Version:** 2023-06-01

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

300  
papers

17,307  
citations

74  
h-index

118  
g-index

305  
ext. papers

18,329  
ext. citations

9.3  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
300	Embedded Regions 1 and 2 Field-Aligned Currents: Newly Recognized From Low-Altitude Spacecraft Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029207	2.5	1
299	Comment on An Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletions by Huybrighs et al.. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091550	4.8	3
298	Quasiperiodic 1-Hour Alfvén Wave Resonances in Saturn's Magnetosphere: Theory for a Realistic Plasma/Field Model. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL090967	4.8	2
297	The Magnetosphere of Ganymede. <i>Geophysical Monograph Series</i> , <b>2021</b> , 557-573	1.1	
296	An Improbable Collaboration. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028407	2.5	0
295	Jensen-Shannon Complexity Measurements in Solar Wind Magnetic Field Fluctuations. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 59	4.7	5
294	Q&A Margaret Kivelson. <i>Astronomy and Geophysics</i> , <b>2019</b> , 60, 3.43-3.43	0.2	
293	Coupled SKR Emissions in Saturn's Northern and Southern Ionospheres. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 2893-2900	4.8	1
292	Evidence of a plume on Europa from Galileo magnetic and plasma wave signatures. <i>Nature Astronomy</i> , <b>2018</b> , 2, 459-464	12	101
291	Nonlinear Drift Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 8773-8782	4.8	16
290	Saturn's magnetic field revealed by the Cassini Grand Finale. <i>Science</i> , <b>2018</b> , 362,	32.2	61
289	Discovery of Atmospheric-Wind-Driven Electric Currents in Saturn's Magnetosphere in the Gap Between Saturn and its Rings. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 10,068-10,074	4.8	16
288	Energy-banded ions in Saturn's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 5181-5202	2.5	1
287	Spinning, breathing, and flapping: Periodicities in Saturn's middle magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 393-416	2.5	17
286	Evidence for periodic variations in the thickness of Saturn's nightside plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 280-292	2.5	29
285	Dawn-dusk asymmetries in rotating magnetospheres: Lessons from modeling Saturn. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 1413-1424	2.5	22
284	Alfvén wings in the lunar wake: The role of pressure gradients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 10,698-10,711	2.5	14

283	Charged particle behavior in the growth and damping stages of ultralow frequency waves: Theory and Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 3254-3263 <sup>2-5</sup>	4.8	49
282	Saturn's quasiperiodic magnetohydrodynamic waves. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 11,102	4.8	14
281	On the links between the radio flux and magnetodisk distortions at Jupiter. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 9651-9670	2.5	4
280	Global MHD Modeling of the Coupled Magnetosphere-Ionosphere System at Saturn. <i>Geophysical Monograph Series</i> , <b>2016</b> , 319-334	1.1	2
279	Propagation of Pi2 pulsations through the braking region in global MHD simulations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 10,574	2.5	4
278	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> , <b>2015</b> , 120, 5194-5213	2.5	13
277	Magnetosphere-ionosphere mapping at Jupiter: Quantifying the effects of using different internal field models. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 2584-2599	2.5	30
276	Imprints of impulse-excited hydromagnetic waves on electrons in the Van Allen radiation belts. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 6199-6204	4.8	32
275	Self-consistent multifluid MHD simulations of Europa's exospheric interaction with Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 3503-3524	2.5	29
274	The latitudinal structure of the nightside outer magnetosphere of Saturn as revealed by velocity moments of thermal ions. <i>Annales Geophysicae</i> , <b>2015</b> , 33, 1195-1202	1.9	3
273	Three-dimensional lunar wake reconstructed from ARTEMIS data. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 5220-5243	2.5	44
272	Technique for measuring and correcting the Taylor microscale. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 4256-4265	2.5	3
271	Structure and statistical properties of plasmoids in Jupiter's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 821-843	2.5	49
270	Saturn's dynamic magnetotail: A comprehensive magnetic field and plasma survey of plasmoids and traveling compression regions and their role in global magnetospheric dynamics. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 5465-5494	2.5	62
269	Simulating the effect of centrifugal forces in Jupiter's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 1925-1950	2.5	16
268	Generation of Pi2 pulsations by intermittent earthward propagating dipolarization fronts: An MHD case study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 6364-6377	2.5	5
267	Two models of cross polar cap potential saturation compared: Siscoe-Hill model versus Kivelson-Ridley model. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 794-803	2.5	10
266	Magnetic correlation functions in the slow and fast solar wind in the Eulerian reference frame. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 3995-4004	2.5	15

265	ULF waves in Ganymede's upstream magnetosphere. <i>Annales Geophysicae</i> , <b>2013</b> , 31, 45-59	1.9	5
264	Zuyin Pu Receives 2012 International Award: Citation. <i>Eos</i> , <b>2013</b> , 94, 35-35	1.2	
263	Relating Jupiter's Auroral Features to Magnetospheric Sources. <i>Geophysical Monograph Series</i> , <b>2013</b> , 421-430	1.1	5
262	The Formation of Slow Mode Fronts in the Magnetosheath. <i>Geophysical Monograph Series</i> , <b>2013</b> , 109-114	1.1	7
261	The Formation and Structure of Flux Ropes in the Magnetotail. <i>Geophysical Monograph Series</i> , <b>2013</b> , 139-151	1.1	7
260	Generation and properties of in vivo flux transfer events. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		20
259	Observations of a Pc5 global (cavity/waveguide) mode outside the plasmasphere by THEMIS. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		23
258	Driving Saturn's magnetospheric periodicities from the upper atmosphere/ionosphere. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		50
257	Outward expansion of the lunar wake: ARTEMIS observations. <i>Geophysical Research Letters</i> , <b>2012</b> , 39,	4.8	12
256	Driving Saturn's magnetospheric periodicities from the upper atmosphere/ionosphere: Magnetotail response to dual sources. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		58
255	The linear dependence of polar cap index on its controlling factors in solar wind and magnetotail. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		11
254	Long-term variation of driven and unloading effects on polar cap dynamics. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		8
253	In situ observations of the preexisting auroral arc by THEMIS all sky imagers and the FAST spacecraft. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		21
252	Utilizing the polar cap index to explore strong driving of polar cap dynamics. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		6
251	Magnetospheric configuration and dynamics of Saturn's magnetosphere: A global MHD simulation. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		97
250	Observations and simulations of non-local acceleration of electrons in magnetotail magnetic reconnection events. <i>Nature Physics</i> , <b>2011</b> , 7, 360-365	16	144
249	Evidence of a global magma ocean in Io's interior. <i>Science</i> , <b>2011</b> , 332, 1186-9	32.2	90
248	Outer magnetospheric structure: Jupiter and Saturn compared. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		27

247	Improved mapping of Jupiter's auroral features to magnetospheric sources. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		85
246	Flow vortices associated with flux transfer events moving along the magnetopause: Observations and an MHD simulation. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		8
245	Correlation and Taylor scale variability in the interplanetary magnetic field fluctuations as a function of solar wind speed. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		37
244	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> , <b>2011</b> , 116, n/a-n/a		10
243	Asymmetries in Saturn's radiation belts. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		25
242	Evidence that crater flux transfer events are initial stages of typical flux transfer events. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		23
241	Reconnection and flows in the Jovian magnetotail as inferred from magnetometer observations. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		84
240	Valery Troitskaya (1917-2010). <i>Eos</i> , <b>2010</b> , 91, 142-143	1.2	
239	Cassini observations of a Kelvin-Helmholtz vortex in Saturn's outer magnetosphere. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		88
238	Anisotropy of the Taylor scale and the correlation scale in plasma sheet magnetic field fluctuations as a function of auroral electrojet activity. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		11
237	Dynamics of Ganymede's magnetopause: Intermittent reconnection under steady external conditions. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		33
236	Climate change and the integrity of science. <i>Science</i> , <b>2010</b> , 328, 689-90	32.2	119
235	Magnetic Fields of the Satellites of Jupiter and Saturn. <i>Space Science Reviews</i> , <b>2010</b> , 152, 271-305	7.4	32
234	Medicean Moons Sailing Through Plasma Seas: Challenges in Establishing Magnetic Properties. <i>Proceedings of the International Astronomical Union</i> , <b>2010</b> , 6, 58-70	0.1	
233	EULERIAN DECORRELATION OF FLUCTUATIONS IN THE INTERPLANETARY MAGNETIC FIELD. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 721, L10-L13	7.8	21
232	LAPLACE: A mission to Europa and the Jupiter System for ESA's Cosmic Vision Programme. <i>Experimental Astronomy</i> , <b>2009</b> , 23, 849-892	1.3	31
231	Properties of Ganymede's magnetosphere inferred from improved three-dimensional MHD simulations. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		67
230	Anisotropy of the Taylor scale and the correlation scale in plasma sheet and solar wind magnetic field fluctuations. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		67

229	The source of Saturn's periodic radio emission. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		42
228	Magnetic Fields of the Satellites of Jupiter and Saturn. <i>Space Sciences Series of ISSI</i> , <b>2009</b> , 271-305	0.1	0
227	Three-dimensional MHD simulations of Ganymede's magnetosphere. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		62
226	Saturation of the polar cap potential: Inference from Alfvén wing arguments. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		78
225	Modeling a force-free flux transfer event probed by multiple Time History of Events and Macroscale Interactions during Substorms (THEMIS) spacecraft. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		32
224	Interplanetary Magnetic Taylor Microscale and Implications for Plasma Dissipation. <i>Astrophysical Journal</i> , <b>2008</b> , 678, L141-L144	4.7	25
223	Saturnian magnetospheric dynamics: Elucidation of a camshaft model. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		116
222	Taylor scale and effective magnetic Reynolds number determination from plasma sheet and solar wind magnetic field fluctuations. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		36
221	Europa's Alfvén wing: shrinkage and displacement influenced by an induced magnetic field. <i>Annales Geophysicae</i> , <b>2007</b> , 25, 905-914	1.9	18
220	Satellite observations of separator-line geometry of three-dimensional magnetic reconnection. <i>Nature Physics</i> , <b>2007</b> , 3, 609-613	16	55
219	In situ evidence for the structure of the magnetic null in a 3D reconnection event in the Earth's magnetotail. <i>Nature Physics</i> , <b>2006</b> , 2, 478-483	16	101
218	Does Enceladus govern magnetospheric dynamics at Saturn?. <i>Science</i> , <b>2006</b> , 311, 1391-2	32.2	31
217	Bifurcated current sheets: Statistics from Cluster magnetometer measurements. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		11
216	Whistler mode auroral hiss emissions observed near Jupiter's moon Io. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		4
215	Non-self-similar scaling of plasma sheet and solar wind probability distribution functions of magnetic field fluctuations. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		12
214	Mirror mode structures in the Jovian magnetosheath. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		71
213	The Locations and Shapes of Jupiter's Bow Shock and Magnetopause. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	6
212	Spatial correlation of solar-wind turbulence from two-point measurements. <i>Physical Review Letters</i> , <b>2005</b> , 95, 231101	7.3	153

211	Plasma sheet turbulence observed by Cluster II. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		96
210	Dynamic Harris current sheet thickness from Cluster current density and plasma measurements. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		28
209	Dynamical consequences of two modes of centrifugal instability in Jupiter's outer magnetosphere. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		126
208	The response of the near earth magnetotail to substorm activity. <i>Advances in Space Research</i> , <b>2005</b> , 36, 1818-1824	2.3	4
207	Are Io's Alfvén wings filamented? Galileo observations. <i>Planetary and Space Science</i> , <b>2005</b> , 53, 395-412	2	49
206	Cluster observations of quasi-periodic impulsive signatures in the dayside northern lobe: High-latitude flux transfer events?. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		7
205	Relativistic electrons in the outer radiation belt: Differentiating between acceleration mechanisms. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		237
204	Relative timing of substorm onset phenomena. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		45
203	Limits on an intrinsic dipole moment in Europa. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		36
202	First evidence of IMF control of Jovian magnetospheric boundary locations: Cassini and Galileo magnetic field measurements compared. <i>Planetary and Space Science</i> , <b>2003</b> , 51, 891-898	2	19
201	Cluster electric current density measurements within a magnetic flux rope in the plasma sheet. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,	4.8	66
200	Probabilistic models of the Jovian magnetopause and bow shock locations. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 17-1		163
199	Properties of the magnetic field in the Jovian magnetotail. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 23-1-SMP 23-9		33
198	Sheared magnetic field structure in Jupiter's dusk magnetosphere: Implications for return currents. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 17-1		21
197	The Permanent and Inductive Magnetic Moments of Ganymede. <i>Icarus</i> , <b>2002</b> , 157, 507-522	3.7	265
196	The dusk flank of Jupiter's magnetosphere. <i>Nature</i> , <b>2002</b> , 415, 991-4	47.5	40
195	Searching for liquid water in Europa by using surface observatories. <i>Astrobiology</i> , <b>2002</b> , 2, 93-103	3.6	30
194	Magnetohydrodynamic simulations of the effects of the solar wind on the Jovian magnetosphere. <i>Planetary and Space Science</i> , <b>2001</b> , 49, 237-245	2	37



193	Temporal monitoring of Jupiter's auroral activity with IUE during the Galileo mission. Implications for magnetospheric processes. <i>Planetary and Space Science</i> , <b>2001</b> , 49, 405-415	2	24
192	A multi-instrument study of a Jovian magnetospheric disturbance. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 29883-29898		28
191	Flow bursts, braking, and Pi2 pulsations. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 1903-1915		141
190	A new perspective concerning the influence of the solar wind on the Jovian magnetosphere. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 6123-6130		118
189	Damping standing Alfvén waves in the magnetosphere. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 10829-10836		
188	Wave activity in Europa's wake: Implications for ion pickup. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 26033-26048		41
187	Magnetized or unmagnetized: Ambiguity persists following Galileo's encounters with Io in 1999 and 2000. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 26121-26135		27
186	Evidence for sulfur dioxide, sulfur monoxide, and hydrogen sulfide in the Io exosphere. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 33267-33272		22
185	The rotation period of Jupiter. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 1911-1912	4.8	20
184	New evidence for the origin of giant pulsations. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 21237-21253		15
183	A tale of two theories: How the adiabatic response and ULF waves affect relativistic electrons. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 25777-25791		45
182	Subsurface Oceans on Europa and Callisto: Constraints from Galileo Magnetometer Observations. <i>Icarus</i> , <b>2000</b> , 147, 329-347	3.7	264
181	Relationships between phase structure and energy flux in magnetohydrodynamic waves in the magnetosphere. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 27701-27706		4
180	Detection of SO in Io's exosphere. <i>Science</i> , <b>2000</b> , 287, 1998-9	32.2	43
179	Galileo magnetometer measurements: a stronger case for a subsurface ocean at Europa. <i>Science</i> , <b>2000</b> , 289, 1340-3	32.2	444
178	Multipoint observations of global magnetospheric compressions. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 23293-23302		5
177	Trapped Energetic Electrons in the Magnetosphere of Ganymede. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 5547-5553		12
176	Implications of depleted flux tubes in the Jovian magnetosphere. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 3133-3136	4.8	24



175	Europa and Callisto: Induced or intrinsic fields in a periodically varying plasma environment. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 4609-4625		146
174	Plasma sheet dynamics in the Jovian magnetotail: Signatures For substorm-like processes ?. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 2137-2140	4.8	37
173	Probing Ganymede's magnetosphere with field line resonances. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 14729-14738		17
172	Mirror-mode structures at the Galileo-Io flyby: Instability criterion and dispersion analysis. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 17479-17489		41
171	Mirror-mode structures at the Galileo-Io flyby: Observations. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 17471-17477		33
170	Generation of Pi2 pulsations by bursty bulk flows. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 25021-25034		137
169	Measuring magnetic field gradients from four point vector measurements in space. <i>Geophysical Monograph Series</i> , <b>1998</b> , 311-316	1.1	4
168	A global magnetohydrodynamic simulation of the Jovian magnetosphere. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 225-235		59
167	Electron heating and phase space signatures at strong and weak quasi-perpendicular shocks. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 2041-2054		26
166	Ion cyclotron waves in the Io torus: Wave dispersion, free energy analysis, and SO <sub>2</sub> + source rate estimates. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 19887-19899		56
165	Reply [to Comment on Interaction of Io with its torus: Does Io have an internal magnetic field?] by Krishan K. Khurana, Margaret G. Kivelson and Christopher T. Russell. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 2351-2352	4.8	3
164	Ganymede's magnetosphere: Magnetometer overview. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 19963-19978		38
163	Location and shape of the Jovian magnetopause and bow shock. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 20075-20082		73
162	MHD simulations of Io's interaction with the plasma torus. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 19867-19877		63
161	Localized reconnection in the near jovian magnetotail. <i>Science</i> , <b>1998</b> , 280, 1061-4	32.2	94
160	Induced magnetic fields as evidence for subsurface oceans in Europa and Callisto. <i>Nature</i> , <b>1998</b> , 395, 777-80	47.5	444
159	The Magnetic Fields of the Galilean Moons of Jupiter: The Galileo Spacecraft Magnetometer Results. <i>Astrophysics and Space Science Library</i> , <b>1998</b> , 299-310	0.3	
158	A model of the Earth's distant bow shock. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 26927-26941		43

157	Frequency doubling in ultralow frequency wave signals. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 27151-27158		
156	Ion cyclotron waves observed at Galileo's Io encounter: Implications for neutral cloud distribution and plasma composition. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2139-2142	4.8	45
155	Ion cyclotron waves in the Io torus during the Galileo encounter: Warm plasma dispersion analysis. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2143-2146	4.8	60
154	Galileo evidence for rapid interchange transport in the Io torus. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2131-2134	4.8	98
153	The magnetic field and magnetosphere of Ganymede. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2155-2158	4.8	99
152	Intermittent short-duration magnetic field anomalies in the Io torus: Evidence for plasma interchange?. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2127-2130	4.8	97
151	Interaction of Io with its torus: Does Io have an internal magnetic field?. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2391-2394	4.8	27
150	Europa's magnetic signature: report from Galileo's pass on 19 December 1996. <i>Science</i> , <b>1997</b> , 276, 1239-1241	4.2	77
149	Dynamical polar cap: A unifying approach. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 127-139		51
148	Absence of an internal magnetic field at Callisto. <i>Nature</i> , <b>1997</b> , 387, 262-264	47.5	45
147	THE CLUSTER MAGNETIC FIELD INVESTIGATION. <i>Space Science Reviews</i> , <b>1997</b> , 79, 65-91	7.4	261
146	Field line resonances in discretized magnetospheric models: an artifact study. <i>Annales Geophysicae</i> , <b>1997</b> , 15, 614-624	1.9	4
145	The Cluster Magnetic Field Investigation <b>1997</b> , 65-91		24
144	A Possible Signature of Magnetic Cavity Mode Oscillations in ISEE Spacecraft Observations.. <i>Journal of Geomagnetism and Geoelectricity</i> , <b>1997</b> , 49, 1079-1098		15
143	Multipoint analysis of a bursty bulk flow event on April 11, 1985. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 4967-4989		168
142	Time delays in the solar wind flow past Venus: Galileo-Pioneer Venus correlations. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 4539-4546		4
141	Flux ropes, interhemispheric conjugacy, and magnetospheric current closure. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 27341-27350		15
140	A Magnetic Signature at Io: Initial Report from the Galileo Magnetometer. <i>Science</i> , <b>1996</b> , 273, 337-40	32.2	92

139	Io's Interaction with the Plasma Torus: Galileo Magnetometer Report. <i>Science</i> , <b>1996</b> , 274, 396-398	32.2	151
138	Constraints from Galileo observations on the origin of jovian dust streams. <i>Nature</i> , <b>1996</b> , 381, 395-398	47.5	61
137	Discovery of Ganymede's magnetic field by the Galileo spacecraft. <i>Nature</i> , <b>1996</b> , 384, 537-541	47.5	300
136	The magnetic field and internal structure of Ganymede. <i>Nature</i> , <b>1996</b> , 384, 544-545	47.5	119
135	Introduction to Space Physics <b>1995</b> , 330-355		17
134	Observation of high speed flows ( $V > V_{sw}$ ) in the magnetosheath during an interval of strongly northward IMF. <i>Geophysical Monograph Series</i> , <b>1995</b> , 365-369	1.1	
133	Interplanetary magnetic field control of mantle precipitation and associated field-aligned currents. <i>Journal of Geophysical Research</i> , <b>1995</b> , 100, 1837		12
132	Observations of magnetic flux ropes and associated currents in Earth's magnetotail with the Galileo spacecraft. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 2087-2090	4.8	21
131	Magnetosheath flow near the subsolar magnetopause: Zwan-Wolf and Southwood-Kivelson theories reconciled. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 3275-3278	4.8	37
130	The Structure and Dynamics of the Plasma Sheet During the Galileo Earth-1 Flyby. <i>Geophysical Monograph Series</i> , <b>1994</b> , 149-154	1.1	
129	Statistical characteristics of bursty bulk flow events. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 21257		537
128	Imaging the effect of dipole tilt on magnetotail boundaries. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 6079		32
127	Compressional ULF waves in the outer magnetosphere; 2. A case study of Pc 5 type wave activity. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 241		29
126	Polar cap field-aligned currents for southward interplanetary magnetic fields. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 6067		11
125	A variable cross-section model of the bow shock of Venus. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 8505		12
124	Observations of nonadiabatic acceleration of ions in Earth's magnetotail. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 14877		37
123	Fine structure of Langmuir waves observed upstream of the bow shock at Venus. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 13363		34
122	Vortex motion in the ionosphere and nonlinear transport. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 11459		7

121	Characteristics of ion flow in the quiet state of the inner plasma sheet. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 1711-1714	4.8	153
120	Magnetic Field Signatures Near Galileo's Closest Approach to Gaspra. <i>Science</i> , <b>1993</b> , 261, 331-4	32.2	101
119	Inference of the angular velocity of plasma in the Jovian magnetosphere from the sweepback of magnetic field. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 67-79		45
118	Anomalous aspects of magnetosheath flow and of the shape and oscillations of the magnetopause during an interval of strongly northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 5727-5742		118
117	Mirror instability: 1. Physical mechanism of linear instability. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 9181		215
116	The Galileo Earth encounter: Magnetometer and allied measurements. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 11299		30
115	Galileo observations of the motions of ion and electron plasmas in the magnetotail. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 1771-1774	4.8	8
114	Observations of a quasi-static plasma sheet boundary. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 2813-2816	4.8	12
113	On nonsinusoidal waves at the Earth's magnetopause. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 2699-2702	4.8	65
112	Contributions of the low-latitude boundary layer to the finite width magnetotail convection model. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 15487		86
111	Structured plasma sheet thinning observed by Galileo and 1984-129. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 21323-21333		6
110	On the form of the flow in the magnetosheath. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 2873-2879		63
109	Ulysses spacecraft rendezvous with jupiter. <i>Science</i> , <b>1992</b> , 257, 1487-9	32.2	2
108	Bursty bulk flows in the inner central plasma sheet. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 4027		811
107	Ultralow frequency waves in the magnetotails of the Earth and the outer planets. <i>Advances in Space Research</i> , <b>1992</b> , 12, 57-63	2.3	5
106	The Galileo Magnetic Field Investigation <b>1992</b> , 357-383		2
105	Io's volcanic and sublimation atmospheres. <i>Icarus</i> , <b>1991</b> , 93, 63-81	3.7	44
104	Ionospheric traveling vortex generation by solar wind buffeting of the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 1661-1667		107

103	An approximate description of field-aligned currents in a planetary magnetic field. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 67		48
102	A comparison of ULF fluctuations in the solar wind, magnetosheath, and dayside magnetosphere: 2. Field and plasma conditions in the magnetosheath. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 3455		50
101	A comparison of ULF fluctuations in the solar wind, magnetosheath, and dayside magnetosphere: 1. Magnetosheath morphology. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 3441		82
100	On ultralow frequency waves in the lobes of the Earth's magnetotail. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 15711-15723		22
99	Compressional ULF waves in the outer magnetosphere: 1. Statistical study. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 19451		59
98	Multipoint reconnection in the near-Earth magnetotail: CDAW 6 observations of energetic particles and magnetic field. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 19427		18
97	Magnetospheric waves and the atmosphere-ionosphere layer. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 21125		12
96	A three-dimensional MHD simulation of plasma flow past Io. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 21037		58
95	Magnetic field studies of the solar wind interaction with venus from the galileo flyby. <i>Science</i> , <b>1991</b> , 253, 1518-22	32.2	19
94	Ionospheric Signatures of Localized Magnetospheric Perturbations. <i>Journal of Geomagnetism and Geoelectricity</i> , <b>1991</b> , 43, 129-140		1
93	On the threshold for triggering substorms. <i>Planetary and Space Science</i> , <b>1990</b> , 38, 211-220	2	27
92	Magnetic Islands in the Near Geomagnetic Tail and Its Implications for the Mechanism of 1054 UT CDAW 6 Substorm. <i>Geophysical Monograph Series</i> , <b>1990</b> , 647-654	1.1	3
91	Magnetopause Pressure Pulses as a Source of Localized Field-Aligned Currents in the Magnetosphere. <i>Geophysical Monograph Series</i> , <b>1990</b> , 619-625	1.1	3
90	The variation of the plasma sheet polytropic index along the midnight meridian in a finite width magnetotail. <i>Geophysical Research Letters</i> , <b>1990</b> , 17, 591-594	4.8	42
89	The magnetohydrodynamic response of the magnetospheric cavity to changes in solar wind pressure. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 2301		153
88	A Pincer-shaped plasma sheet at Uranus. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 14987		6
87	The effect of mass loading on the temperature of a flowing plasma. <i>Geophysical Research Letters</i> , <b>1989</b> , 16, 763-766	4.8	24
86	Magnetospheric interchange motions. <i>Journal of Geophysical Research</i> , <b>1989</b> , 94, 299		83

85	Global mode ULF pulsations in a magnetosphere with a nonmonotonic Alfvén velocity profile. <i>Journal of Geophysical Research</i> , <b>1989</b> , 94, 1479		98
84	Reply [to Comment on Coupling of global magnetospheric MHD eigenmodes to field line resonances] by M. G. Kivelson and D. J. Southwood <i>Journal of Geophysical Research</i> , <b>1989</b> , 94, 2747		1
83	Ultralow frequency MHD waves in Jupiter's middle magnetosphere. <i>Journal of Geophysical Research</i> , <b>1989</b> , 94, 5241		55
82	Magnetospheric plasma pressures in the midnight meridian: Observations from 2.5 to 35 RE. <i>Journal of Geophysical Research</i> , <b>1989</b> , 94, 5264		118
81	On Jovian plasma sheet structure. <i>Journal of Geophysical Research</i> , <b>1989</b> , 94, 11791		33
80	Observations of the Earth's bow shock under high Mach number/high plasma beta solar wind conditions. <i>Geophysical Research Letters</i> , <b>1988</b> , 15, 1161-1164	4.8	17
79	Hydromagnetic waves and the ionosphere. <i>Geophysical Research Letters</i> , <b>1988</b> , 15, 1271-1274	4.8	93
78	An MHD simulation of plasma flow past Io: Alfvén and slow mode perturbations. <i>Geophysical Research Letters</i> , <b>1988</b> , 15, 1311-1314	4.8	44
77	On the possibility of quasi-static convection in the quiet magnetotail. <i>Geophysical Research Letters</i> , <b>1988</b> , 15, 1541-1544	4.8	86
76	An unambiguous determination of the propagation of a compressional Pc 5 wave. <i>Journal of Geophysical Research</i> , <b>1988</b> , 93, 5601		32
75	Analytic formulation and quantitative solutions of the coupled ULF wave problem. <i>Journal of Geophysical Research</i> , <b>1988</b> , 93, 8602		106
74	Static magnetic field models consistent with nearly isotropic plasma pressure. <i>Geophysical Research Letters</i> , <b>1987</b> , 14, 872-875	4.8	39
73	Magnetospheric interchange instability. <i>Journal of Geophysical Research</i> , <b>1987</b> , 92, 109		108
72	Voids in Jovian magnetosphere revisited: Evidence of spacecraft charging. <i>Journal of Geophysical Research</i> , <b>1987</b> , 92, 13399		3
71	Coupling of global magnetospheric MHD eigenmodes to field line resonances. <i>Journal of Geophysical Research</i> , <b>1986</b> , 91, 4345		302
70	The effect of parallel inhomogeneity on magnetospheric hydromagnetic wave coupling. <i>Journal of Geophysical Research</i> , <b>1986</b> , 91, 6871		83
69	Explanation of the inward displacement of Io's hot plasma torus and consequences for sputtering sources. <i>Nature</i> , <b>1985</b> , 315, 373-378	47.5	15
68	Resonant ULF waves: A new interpretation. <i>Geophysical Research Letters</i> , <b>1985</b> , 12, 49-52	4.8	264

67	Charged particle behavior in low-frequency geomagnetic pulsations: 4. Compressional waves. <i>Journal of Geophysical Research</i> , <b>1985</b> , 90, 1486	46
66	Magnetic field change across the Earth's bow shock: Comparison between observations and theory. <i>Journal of Geophysical Research</i> , <b>1985</b> , 90, 3925	23
65	Ion partitioning in the hot Io torus: The influence of S2 outgassing. <i>Journal of Geophysical Research</i> , <b>1985</b> , 90, 12065	12
64	The Kelvin-Helmholtz instability on the magnetopause. <i>Planetary and Space Science</i> , <b>1984</b> , 32, 1335-1341	64
63	Relations between polarization and the structure of ULF waves in the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1984</b> , 89, 5523	8
62	Dawn-dusk electric field asymmetry of the Io plasma torus. <i>Geophysical Research Letters</i> , <b>1983</b> , 10, 210-213	89
61	The interaction of flowing plasmas with planetary ionospheres: A Titan-Venus comparison. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 49	31
60	Charged particle behavior in low-frequency geomagnetic pulsations: 3. Spin phase dependence. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 174	36
59	Kelvin-Helmholtz Instability at the magnetopause: Solution for compressible plasmas. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 841	171
58	Kelvin-Helmholtz Instability at the magnetopause: Energy flux into the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1983</b> , 88, 853	83
57	Charged particle behavior in low-frequency geomagnetic pulsations, 2. Graphical approach. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 1707-1710	124
56	Observation and modeling of energetic particles at synchronous orbit on July 29, 1977. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 5917	58
55	July 29, 1977, magnetospheric studies: Impulsive waves, global dynamics and geomagnetic indices. <i>Journal of Geophysical Research</i> , <b>1982</b> , 87, 5981	14
54	ISEE-1, -2 and -3 observation of the interaction between an interplanetary shock and the Earth's magnetosphere: A rapid traversal of the magnetopause. <i>Geophysical Research Letters</i> , <b>1981</b> , 8, 911-914	4.8 14
53	Solar wind control of auroral zone geomagnetic activity. <i>Geophysical Research Letters</i> , <b>1981</b> , 8, 915-918	4.8 107
52	Multiply reflected standing Alfvén waves in the IO torus: Pioneer 10 observations. <i>Geophysical Research Letters</i> , <b>1981</b> , 8, 1281-1284	4.8 22
51	The influence of geomagnetic activity on the radial variation of the magnetospheric electric field between L=4 and 10. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 863	20
50	Alfvén wave resonances in a realistic magnetospheric magnetic field geometry. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 4589-4596	216



49	Charged particle behavior in low-frequency geomagnetic pulsations 1. Transverse waves. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 5643		148
48	Plasma near Io: Estimates of some physical parameters. <i>Journal of Geophysical Research</i> , <b>1981</b> , 86, 10122		3
47	Io and its plasma environment. <i>Journal of Geophysical Research</i> , <b>1980</b> , 85, 5959		104
46	Magnetospheres of the galilean satellites. <i>Science</i> , <b>1979</b> , 205, 491-3	32.2	46
45	Satellite observations of the spatial extent and structure of Pc 345 pulsations near the magnetospheric equator. <i>Geophysical Research Letters</i> , <b>1979</b> , 6, 889-892	4.8	59
44	Time dependent convection electric fields and plasma injection. <i>Journal of Geophysical Research</i> , <b>1979</b> , 84, 4183-4188		38
43	Observations of Pc 1 $\Omega$ waves in the outer magnetosphere. <i>Journal of Geophysical Research</i> , <b>1979</b> , 84, 4267-4276		25
42	Evolution of ion cyclotron instability in the plasma convection system of the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1979</b> , 84, 6397		24
41	The latitudinal structure of Pc 5 waves in space: Magnetic and electric field observations. <i>Journal of Geophysical Research</i> , <b>1979</b> , 84, 7213		81
40	The Physics of Plasma Injection Events. <i>Astrophysics and Space Science Library</i> , <b>1979</b> , 385-405	0.3	27
39	High $\Omega$ plasma in the dynamic Jovian current sheet. <i>Geophysical Research Letters</i> , <b>1978</b> , 5, 799-802	4.8	18
38	On the configuration of the magnetotail near midnight during quiet and weakly disturbed periods: State of the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1978</b> , 83, 3805		51
37	On the configuration of the magnetotail near midnight during quiet and weakly disturbed periods: Magnetic field modeling. <i>Journal of Geophysical Research</i> , <b>1978</b> , 83, 3819		68
36	The radial dependences of the interplanetary magnetic field between 1 and 5 AU: Pioneer 10. <i>Journal of Geophysical Research</i> , <b>1978</b> , 83, 4165		29
35	A time dependent model of the Jovian current sheet. <i>Journal of Geophysical Research</i> , <b>1978</b> , 83, 4823-4829		52
34	Multiple-satellite studies of magnetospheric substorms: Plasma sheet recovery and the poleward leap of auroral zone activity. <i>Journal of Geophysical Research</i> , <b>1978</b> , 83, 5256		41
33	Evidence for the control of Pc 3,4 magnetic pulsations by the solar wind velocity. <i>Geophysical Research Letters</i> , <b>1977</b> , 4, 377-379	4.8	66
32	Heliographic latitude dependence of the dominant polarity of the interplanetary magnetic field by comparison of simultaneous Pioneer 10 and Heos 1, 2 data. <i>Journal of Geophysical Research</i> , <b>1977</b> , 82, 1273-1274		15

31	Ogo 5 observations of Pc 5 waves: Particle flux modulations. <i>Journal of Geophysical Research</i> , <b>1977</b> , 82, 2774-2786		83
30	Comment on $\Phi$ n double current layers in the polar cusp by A. Bahnsen, N. D'Angelo, and A. Mencke Hansen. <i>Journal of Geophysical Research</i> , <b>1976</b> , 81, 4035-4036		1
29	Field-aligned currents in the Jovian magnetosphere: Pioneer 10 and 11. <i>Journal of Geophysical Research</i> , <b>1976</b> , 81, 5853-5858		21
28	Multiple-satellite studies of magnetospheric substorms: Radial dynamics of the plasma sheet. <i>Journal of Geophysical Research</i> , <b>1976</b> , 81, 5921-5933		62
27	Magnetospheric electric fields and their variation with geomagnetic activity. <i>Reviews of Geophysics</i> , <b>1976</b> , 14, 189	22.6	94
26	Instability phenomena in detached plasma regions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>1976</b> , 38, 1115-1126		26
25	Local time variations of particle flux produced by an electrostatic field in the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 56-65		50
24	Current-driven plasma instabilities at high latitudes. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 2030-2040		14
23	An approximate analytic description of plasma bulk parameters, and pitch angle anisotropy under adiabatic flow, in a dipolar magnetospheric field. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 2069-2073		52
22	Energization of electrons at synchronous orbit by substorm-associated cross-magnetosphere electric fields. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 2074-2082		36
21	Note on the electric splitting of drift shells. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 3525-3527		10
20	Approximations for the study of drift boundaries in the magnetosphere. <i>Journal of Geophysical Research</i> , <b>1975</b> , 80, 3528-3534		64
19	OGO-5 Observations of the Magnetopause. <i>Astrophysics and Space Science Library</i> , <b>1974</b> , 139-157	0.3	11
18	Observation of a current-driven plasma instability at the outer zone-plasma sheet boundary. <i>Journal of Geophysical Research</i> , <b>1973</b> , 78, 2150-2165		52
17	Satellite studies of magnetospheric substorms on August 15, 1968: 5. Energetic electrons, spatial boundaries, and wave-particle interactions at Ogo 5. <i>Journal of Geophysical Research</i> , <b>1973</b> , 78, 3079-3092		43
16	Dependence of the polar cusp on the north-south component of the interplanetary magnetic field. <i>Journal of Geophysical Research</i> , <b>1973</b> , 78, 3761-3772		44
15	Active experiments, magnetospheric modification, and a naturally occurring analogue. <i>Radio Science</i> , <b>1973</b> , 8, 1035-1048	1.3	20
14	Substorms in space: The correlation between ground and satellite observations of the magnetic field. <i>Radio Science</i> , <b>1973</b> , 8, 1059-1076	1.3	57

13	Outer magnetosphere near midnight at quiet and disturbed times. <i>Journal of Geophysical Research</i> , <b>1972</b> , 77, 5487-5502		96
12	Effects of the secular magnetic variation on the distribution function of inner-zone protons. <i>Journal of Geophysical Research</i> , <b>1972</b> , 77, 6087-6092		21
11	Motion and structure of the magnetopause. <i>Journal of Geophysical Research</i> , <b>1971</b> , 76, 1673-1696		153
10	Rotational Relaxation in Fluids. <i>Journal of Chemical Physics</i> , <b>1970</b> , 52, 1810-1821	3.8	135
9	Inward motion of the magnetopause before a substorm. <i>Journal of Geophysical Research</i> , <b>1970</b> , 75, 7018-7031		269
8	Electron Correlational Effects on Plasmon Damping and Ultraviolet Absorption in Metals. <i>Physical Review</i> , <b>1969</b> , 186, 409-419		75
7	Reflection of Electromagnetic Waves from a Rough Surface. <i>Journal of Applied Physics</i> , <b>1965</b> , 36, 3609-3612		10
6	Plasma Conductivity at Low Frequencies and Wavenumbers. <i>Physics of Fluids</i> , <b>1964</b> , 7, 1578		25
5	Propagation of Electromagnetic Waves in Plasmas. <i>Physical Review</i> , <b>1963</b> , 129, 2376-2397		74
4	Collision Damping of Plasma Oscillations. <i>Physical Review Letters</i> , <b>1962</b> , 8, 419-421	7.3	20
3	Quasi-Classical Theory of Electron Correlations in Atoms. <i>Physical Review</i> , <b>1962</b> , 127, 1182-1192		15
2	Spin-spin splitting in the NMR spectrum of methanol. <i>Journal of Molecular Spectroscopy</i> , <b>1958</b> , 2, 518-523	1.3	7
1	A Note on Meson-Nucleon Scattering. <i>Physical Review</i> , <b>1953</b> , 90, 1072-1075		17