

# Yoshifumi Saito

## List of Publications by Year in Descending Order

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

328  
papers

10,805  
citations

53  
h-index

90  
g-index

361  
ext. papers

11,872  
ext. citations

4.6  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
328	Investigation of the homogeneity of energy conversion processes at dipolarization fronts from MMS measurements. <i>Physics of Plasmas</i> , <b>2022</b> , 29, 012906	2.1	1
327	Dayside magnetopause reconnection and flux transfer events under radial interplanetary magnetic field (IMF): BepiColombo Earth-flyby observations. <i>Annales Geophysicae</i> , <b>2022</b> , 40, 217-229	2	1
326	LatHys global hybrid simulation of the BepiColombo second Venus flyby. <i>Planetary and Space Science</i> , <b>2022</b> , 105499	2	1
325	BepiColombo - Mission Overview and Science Goals. <i>Space Science Reviews</i> , <b>2021</b> , 217, 1	7.5	11
324	In situ observations of ions and magnetic field around Phobos: the mass spectrum analyzer (MSA) for the Martian Moons eXploration (MMX) mission. <i>Earth, Planets and Space</i> , <b>2021</b> , 73,	2.9	8
323	Energetic Neutral Atom Distribution on the Lunar Surface and Its Relationship with Solar Wind Conditions. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 922, L41	7.9	0
322	Energy Transfer Between Hot Protons and Electromagnetic Ion Cyclotron Waves in Compressional Pc5 Ultra-low Frequency Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028912	2.6	2
321	Rocket Observation of Sub-Relativistic Electrons in the Quiet Dayside Auroral Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028633	2.6	1
320	Earth Wind as a Possible Exogenous Source of Lunar Surface Hydration. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 907, L32	7.9	9
319	BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. <i>Space Science Reviews</i> , <b>2021</b> , 217, 1	7.5	12
318	Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). <i>Space Science Reviews</i> , <b>2021</b> , 217, 1	7.5	12
317	Polarization Reversal of Low-Frequency Magnetic Variation in the Lunar Wake. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029299	2.6	
316	Venus's induced magnetosphere during active solar wind conditions at BepiColombo's Venus 1 flyby. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 811-831	2	3
315	Global Maps of Solar Wind Electron Modification by Electrostatic Waves Above the Lunar Day Side: Kaguya Observations. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL095260	4.9	1
314	On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027561	2.6	7
313	KAGUYA observation of global emissions of indigenous carbon ions from the Moon. <i>Science Advances</i> , <b>2020</b> , 6, eaba1050	14.3	5
312	Observations of the Source Region of Whistler Mode Waves in Magnetosheath Mirror Structures. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027488	2.6	5

311	Mission Data Processor Aboard the BepiColombo Mio Spacecraft: Design and Scientific Operation Concept. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	8
310	On the Ubiquity of Magnetic Reconnection Inside Flux Transfer Event-Like Structures at the Earth's Magnetopause. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2019GL086726	4.9	9
309	Latitudinal Dependence of the Kelvin-Helmholtz Instability and Beta Dependence of Vortex-Induced High-Guide Field Magnetic Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027333	2.6	4
308	Generation of Turbulence in Kelvin-Helmholtz Vortices at the Earth's Magnetopause: Magnetospheric Multiscale Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027595	2.6	9
307	On the deviation from Maxwellian of the ion velocity distribution functions in the turbulent magnetosheath. <i>Journal of Plasma Physics</i> , <b>2020</b> , 86,	2.7	9
306	Observational Evidence for Stochastic Shock Drift Acceleration of Electrons at the Earth's Bow Shock. <i>Physical Review Letters</i> , <b>2020</b> , 124, 065101	7.4	17
305	Contribution of Anisotropic Electron Current to the Magnetotail Current Sheet as a Function of Location and Plasma Conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027251	2.6	9
304	Magnetic Reconnection Inside a Flux Transfer Event-Like Structure in Magnetopause Kelvin-Helmholtz Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027527	2.6	5
303	MioBirst Comprehensive Exploration of Mercury's Space Environment: Mission Overview. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	15
302	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	39
301	Flux Transfer Event Showers at Mercury: Dependence on Plasma and Magnetic Shear and Their Contribution to the Dungey Cycle. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089784	4.9	9
300	Decrease of the interplanetary magnetic field strength on the lunar dayside and over the polar region. <i>Icarus</i> , <b>2020</b> , 335, 113392	3.8	1
299	Four-Spacecraft Measurements of the Shape and Dimensionality of Magnetic Structures in the Near-Earth Plasma Environment. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 6850-6868	2.6	5
298	Reconnection With Magnetic Flux Pileup at the Interface of Converging Jets at the Magnetopause. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 1937-1946	4.9	23
297	Simultaneous Rocket and Scintillation Observations of Plasma Irregularities Associated With a Reversed Flow Event in the Cusp Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 7098-7111	2.6	3
296	Statistical Study on Electron and Ion Temperatures in the Near-Earth Reconnection and Magnetic Pileup Regions. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 14223-14229	4.9	
295	Reconstruction of the Electron Diffusion Region of Magnetotail Reconnection Seen by the MMS Spacecraft on 11 July 2017. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 122-138	2.6	16
294	The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 93-103	2.6	18

293	Large-Scale Survey of the Structure of the Dayside Magnetopause by MMS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 2018	2.6	16
292	Energy partitioning constraints at kinetic scales in low- turbulence. <i>Physics of Plasmas</i> , <b>2018</b> , 25,	2.1	20
291	Studies of small-scale plasma inhomogeneities in the cusp ionosphere using sounding rocket data. <i>Physics of Plasmas</i> , <b>2018</b> , 25, 042902	2.1	4
290	Electromagnetic Ion Cyclotron Waves Detected by Kaguya and Geotail in the Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 1146-1164	2.6	1
289	Electron Crescent Distributions as a Manifestation of Diamagnetic Drift in an Electron-Scale Current Sheet: Magnetospheric Multiscale Observations Using New 7.5 ms Fast Plasma Investigation Moments. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 578-584	4.9	39
288	Magnetic Reconnection at a Thin Current Sheet Separating Two Interlaced Flux Tubes at the Earth's Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 1779	2.6	24
287	Electron magnetic reconnection without ion coupling in Earth's turbulent magnetosheath. <i>Nature</i> , <b>2018</b> , 557, 202-206	50.4	173
286	Seasonal and Solar Wind Control of the Reconnection Line Location on the Earth's Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 7498-7512	2.6	6
285	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. <i>Science</i> , <b>2018</b> , 362, 1391-1395	33.3	139
284	Direct measurements of two-way wave-particle energy transfer in a collisionless space plasma. <i>Science</i> , <b>2018</b> , 361, 1000-1003	33.3	19
283	A Statistical Study of Slow-Mode Shocks Observed by MMS in the Dayside Magnetopause. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 4675-4684	4.9	0
282	Biogenic oxygen from Earth transported to the Moon by a wind of magnetospheric ions. <i>Nature Astronomy</i> , <b>2017</b> , 1,	12.1	27
281	Electron Heating at Kinetic Scales in Magnetosheath Turbulence. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 247	4.7	40
280	Kaguya observations of the lunar wake in the terrestrial foreshock: Surface potential change by bow-shock reflected ions. <i>Icarus</i> , <b>2017</b> , 293, 45-51	3.8	14
279	Electron Scattering by High-frequency Whistler Waves at Earth's Bow Shock. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 842, L11	7.9	29
278	Reconstruction of the electron diffusion region observed by the Magnetospheric Multiscale spacecraft: First results. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 4566-4574	4.9	20
277	Wave-particle energy exchange directly observed in a kinetic Alfvén-branch wave. <i>Nature Communications</i> , <b>2017</b> , 8, 14719	17.4	57
276	Lower hybrid waves in the ion diffusion and magnetospheric inflow regions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 517-533	2.6	81

275	MMS Observation of Magnetic Reconnection in the Turbulent Magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 11,442-11,467	2.6	53
274	Lower Hybrid Drift Waves and Electromagnetic Electron Space-Phase Holes Associated With Dipolarization Fronts and Field-Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 12,236-12,257	2.6	24
273	High-speed MCP anodes for high time resolution low-energy charged particle spectrometers. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 1816-1830	2.6	11
272	MMS observations of large guide field symmetric reconnection between colliding reconnection jets at the center of a magnetic flux rope at the magnetopause. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5536-5544	4.9	65
271	Strong current sheet at a magnetosheath jet: Kinetic structure and electron acceleration. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 9608-9618	2.6	19
270	Magnetospheric Multiscale observations of magnetic reconnection associated with Kelvin-Helmholtz waves. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5606-5615	4.9	84
269	Thick escaping magnetospheric ion layer in magnetopause reconnection with MMS observations. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 6028-6035	4.9	1
268	Ion demagnetization in the magnetopause current layer observed by MMS. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4850-4857	4.9	10
267	Cold ion demagnetization near the X-line of magnetic reconnection. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 6759-6767	4.9	27
266	Electron currents and heating in the ion diffusion region of asymmetric reconnection. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4691-4700	4.9	43
265	Whistler mode waves and Hall fields detected by MMS during a dayside magnetopause crossing. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5943-5952	4.9	36
264	Rippled Quasiperpendicular Shock Observed by the Magnetospheric Multiscale Spacecraft. <i>Physical Review Letters</i> , <b>2016</b> , 117, 165101	7.4	59
263	Scattering characteristics and imaging of energetic neutral atoms from the Moon in the terrestrial magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 432-445	2.6	9
262	Signatures of complex magnetic topologies from multiple reconnection sites induced by Kelvin-Helmholtz instability. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 9926-9939	2.6	23
261	Shift of the magnetopause reconnection line to the winter hemisphere under southward IMF conditions: Geotail and MMS observations. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5581-5588	4.9	14
260	Finite gyroradius effects in the electron outflow of asymmetric magnetic reconnection. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 6724-6733	4.9	34
259	Reverse flow events and small-scale effects in the cusp ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 10,466-10,480	2.6	17
258	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 3042-3050	4.9	65

257	Electron jet of asymmetric reconnection. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5571-5580	4.9	59
256	Electron scale structures and magnetic reconnection signatures in the turbulent magnetosheath. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5969-5978	4.9	72
255	Two-scale ion meandering caused by the polarization electric field during asymmetric reconnection. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 7831-7839	4.9	13
254	Fast Plasma Investigation for Magnetospheric Multiscale. <i>Space Science Reviews</i> , <b>2016</b> , 199, 331-406	7.5	712
253	Electron-scale measurements of magnetic reconnection in space. <i>Science</i> , <b>2016</b> , 352, aaf2939	33.3	418
252	The Mass Spectrum Analyzer (MSA) on board the BepiColombo MMO. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 6749-6761	2.6	8
251	Electron dynamics in a subproton-gyroscale magnetic hole. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4112-4118	4.1	44
250	Transient, small-scale field-aligned currents in the plasma sheet boundary layer during storm time substorms. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4841-4849	4.9	23
249	Kinetic evidence of magnetic reconnection due to Kelvin-Helmholtz waves. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5635-5643	4.9	36
248	Decay of mesoscale flux transfer events during quasi-continuous spatially extended reconnection at the magnetopause. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4755-4762	4.9	23
247	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 6705-6712	4.9	39
246	MMS observations of electron-scale filamentary currents in the reconnection exhaust and near the X line. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 6060-6069	4.9	76
245	ELF magnetic fluctuations detected by Kaguya in deepest lunar wake associated with type-II protons. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	3
244	Electrons on closed field lines of lunar crustal fields in the solar wind wake. <i>Icarus</i> , <b>2015</b> , 250, 238-248	3.8	6
243	Kaguya observation of the ion acceleration around a lunar crustal magnetic anomaly. <i>Planetary and Space Science</i> , <b>2014</b> , 93-94, 87-95	2	5
242	Anisotropic solar wind sputtering of the lunar surface induced by crustal magnetic anomalies. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 4865-4872	4.9	17
241	Night side lunar surface potential in the Earth's magnetosphere. <i>Advances in Space Research</i> , <b>2014</b> , 54, 1985-1992	2.4	8
240	Backscattered energetic neutral atoms from the Moon in the Earth's plasma sheet observed by Chandrayaan-1/Sub-keV Atom Reflecting Analyzer instrument. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 3573-3584	2.6	16



239	Structure of the ionized lunar sodium and potassium exosphere: Dawn-dusk asymmetry. <i>Journal of Geophysical Research E: Planets</i> , <b>2014</b> , 119, 798-809	4.1	14
238	Geotail observation of counter directed ESWs associated with the separatrix of magnetic reconnection in the near-Earth magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 202-210	2.6	11
237	Type-II entry of solar wind protons into the lunar wake: Effects of magnetic connection to the night-side surface. <i>Planetary and Space Science</i> , <b>2013</b> , 87, 106-114	2	21
236	Near-Earth Plasma Sheet Behavior During Substorms. <i>Geophysical Monograph Series</i> , <b>2013</b> , 213-226	1.1	1
235	Kinetic Structure of the Slow-Mode Shocks in the Earth's Magnetotail. <i>Geophysical Monograph Series</i> , <b>2013</b> , 103-115	1.1	12
234	Three-dimensional structure of magnetic reconnection in the magnetotail from Geotail observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 1667-1678	2.6	66
233	Small-scale magnetic fields on the lunar surface inferred from plasma sheet electrons. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 3362-3366	4.9	5
232	Ion and electron dynamics in the ion-electron decoupling region of magnetic reconnection with Geotail observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 7703-7713	2.6	19
231	A statistical study of energy release and transport midway between the magnetic reconnection and initial dipolarization regions in the near-Earth magnetotail associated with substorm expansion onsets. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		16
230	Control of lunar external magnetic enhancements by IMF polarity: A case study. <i>Planetary and Space Science</i> , <b>2012</b> , 73, 161-167	2	6
229	First in-situ measurements of HF radar echoing targets. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	65
228	Statistical study of broadband whistler-mode waves detected by Kaguya near the Moon. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	16
227	Nongyrotropic electron velocity distribution functions near the lunar surface. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		9
226	Simultaneous observation of the electron acceleration and ion deceleration over lunar magnetic anomalies. <i>Earth, Planets and Space</i> , <b>2012</b> , 64, 83-92	2.9	65
225	Flux estimates of ions from the lunar exosphere. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	26
224	Construction of magnetic reconnection in the near-Earth magnetotail with Geotail. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		58
223	Successive substorm expansions during a period of prolonged northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		9
222	New views of the lunar plasma environment. <i>Planetary and Space Science</i> , <b>2011</b> , 59, 1681-1694	2	89

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220	A case study of Kelvin-Helmholtz vortices on both flanks of the Earth's magnetotail. <i>Planetary and Space Science</i> , <b>2011</b> , 59, 502-509	2	20
219	Anomalous deformation of the Earth's bow shock in the lunar wake: Joint measurement by ChangE-1 and SELENE. <i>Planetary and Space Science</i> , <b>2011</b> , 59, 378-386	2	9
218	Stepwise feature of aurora during substorm expansion compared with the near-Earth tail dipolarization: Possible types of substorm dynamics. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		8
217	Plasma sheet changes caused by sudden enhancements of the solar wind pressure. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		12
216	Effect of the solar wind proton entry into the deepest lunar wake. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	27
215	Electrostatic solitary waves associated with magnetic anomalies and wake boundary of the Moon observed by KAGUYA. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	33
214	Interaction between terrestrial plasma sheet electrons and the lunar surface: SELENE (Kaguya) observations. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	10
213	Pressure changes associated with substorm depolarization in the near-Earth plasma sheet. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		14
212	In situ measurement of a newly created polar cap patch. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		51
211	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on SELENE (Kaguya). <i>Space Science Reviews</i> , <b>2010</b> , 154, 265-303	7.5	101
210	The Mercury Electron Analyzers for the Bepi Colombo mission. <i>Advances in Space Research</i> , <b>2010</b> , 46, 1139-1148	2.4	10
209	Scientific objectives and instrumentation of Mercury Plasma Particle Experiment (MPPE) onboard MMO. <i>Planetary and Space Science</i> , <b>2010</b> , 58, 182-200	2	41
208	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on SELENE (Kaguya) <b>2010</b> , 265-303		0
207	Statistical visualization of the Earth's magnetotail based on Geotail data and the implied substorm model. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 1035-1046	2	50
206	Research for optimizing the performance of an LEF-TOF ion energy mass analyzer <b>2009</b> ,		2
205	The SCOPE Mission <b>2009</b> ,		4
204	High time resolution electron measurement by Fast Electron energy Spectrum Analyzer (FESA) <b>2009</b> ,		3



203	A noise attenuation method for medium-energy electron measurements in the radiation belt. <i>Advances in Space Research</i> , <b>2009</b> , 43, 792-801	2.4	5
202	The mass spectrum analyzer (MSA) onboard BEPI COLOMBO MMO: Scientific objectives and prototype results. <i>Advances in Space Research</i> , <b>2009</b> , 43, 869-874	2.4	10
201	Mercury Ion Analyzer (MIA) onboard Mercury Magnetospheric Orbiter: MMO. <i>Advances in Space Research</i> , <b>2009</b> , 43, 1986-1992	2.4	4
200	Non-thermal electrons at the Earth's bow shock: A gradual event. <i>Earth, Planets and Space</i> , <b>2009</b> , 61, 603-606	2.9	8
199	First direct detection of ions originating from the Moon by MAP-PACE IMA onboard SELENE (KAGUYA). <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	69
198	Pairwise energy gain-loss feature of solar wind protons in the near-Moon wake. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	48
197	Solar-wind proton access deep into the near-Moon wake. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	71
196	First in situ observation of the Moon-originating ions in the Earth's Magnetosphere by MAP-PACE on SELENE (KAGUYA). <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	54
195	Kelvin-Helmholtz waves at the Earth's magnetopause: Multiscale development and associated reconnection. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		107
194	A state-of-the-art picture of substorm-associated evolution of the near-Earth magnetotail obtained from superposed epoch analysis. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		96
193	Plasmoid formation for multiple onset substorms: observations of the Japanese Lunar Mission "Kaguya". <i>Annales Geophysicae</i> , <b>2009</b> , 27, 59-64	2	7
192	Modes and characteristics of low-frequency MHD waves in the near-Earth magnetotail prior to dipolarization: Fitting method. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		23
191	Ballooning mode waves prior to substorm-associated dipolarizations: Geotail observations. <i>Geophysical Research Letters</i> , <b>2008</b> , 35, n/a-n/a	4.9	89
190	Solar wind proton reflection at the lunar surface: Low energy ion measurement by MAP-PACE onboard SELENE (KAGUYA). <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	155
189	Longitudinal association between magnetotail reconnection and auroral breakup based on Geotail and Polar observations. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		24
188	Response of large-scale ionospheric convection to substorm expansion onsets: A case study. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		15
187	Medium Energy Ion Mass Spectrometer Capable of Measurements of Three-Dimensional Distribution Functions in Space. <i>IEEE Transactions on Plasma Science</i> , <b>2008</b> , 36, 841-847	1.3	3
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