Janet G Luhmann

List of Publications by Year in Descending Order

336 papers	15,968 citations	73 h-index	106 g-index
349 ext. papers	17,419 ext. citations	5 avg, IF	6.2 L-index

#	Paper	IF	Citations
336	MOSAIC: A Satellite Constellation to Enable Groundbreaking Mars Climate System Science and Prepare for Human Exploration. *Planetary Science Journal*, **2021**, 2, 211	2.9	1
335	Emirates Mars Mission Characterization of Mars Atmosphere Dynamics and Processes. *Space Science Reviews*, **2021**, 217,	7.5	12
334	Induced Magnetospheres. *Geophysical Monograph Series*, **2021**, 391-406	1.1	1
333	Magnetic Topology at Venus: New Insights Into the Venus Plasma Environment. *Geophysical Research Letters*, **2021**, 48, e2021GL095545	4.9	0
332	Solar Wind Anomalies at 1 au and Their Associations with Large-scale Structures. *Astrophysical Journal*, **2021**, 923, 105	4.7	1
331	Formation and Evolution of the Large-Scale Magnetic Fields in Venus' Ionosphere: Results From a Three Dimensional Global Multispecies MHD Model. *Geophysical Research Letters*, **2020**, 47, e2020GL087593	4.9	6
330	Analysis of the Internal Structure of the Streamer Blowout Observed by the Parker Solar Probe During the First Solar Encounter. *Astrophysical Journal, Supplement Series*, **2020**, 246, 63	8	18
329	Characterizing Mars's Magnetotail Topology With Respect to the Upstream Interplanetary Magnetic Fields. *Journal of Geophysical Research: Space Physics*, **2020**, 125, no	2.6	10
328	Source and Propagation of a Streamer Blowout Coronal Mass Ejection Observed by the Parker Solar Probe. *Astrophysical Journal, Supplement Series*, **2020**, 246, 69	8	15
327	ICME Evolution in the Inner Heliosphere. *Solar Physics*, **2020**, 295, 1	2.6	17
326	Variability of the Solar Wind Flow Asymmetry in the Martian Magnetosheath Observed by MAVEN. *Geophysical Research Letters*, **2020**, 47,	4.9	3
325	Influence of the Solar Wind Dynamic Pressure on the Ion Precipitation: MAVEN Observations and Simulation Results. *Journal of Geophysical Research: Space Physics*, **2020**, 125, e2020JA028183	2.6	0
324	The Streamer Blowout Origin of a Flux Rope and Energetic Particle Event Observed by Parker Solar Probe at 0.5 au. *Astrophysical Journal*, **2020**, 897, 134	4.7	7
323	Superthermal Electron Deposition on the Mars Nightside During ICMEs. *Journal of Geophysical Research: Space Physics*, **2020**, 125, e2020JA028430	2.6	0
322	Impact of space weather on climate and habitability of terrestrial-type exoplanets. *International Journal of Astrobiology*, **2020**, 19, 136-194	1.4	53
321	First In Situ Evidence of Mars Nonthermal Exosphere. *Geophysical Research Letters*, **2019**, 46, 4144-4150	4.9	4
320	(STEREO) Observations of Stream Interaction Regions in 2007 - 2016: Relationship with Heliospheric Current Sheets, Solar Cycle Variations, and Dual Observations. *Solar Physics*, **2019**, 294, 1	2.6	27

319	The Penetration of Draped Magnetic Field Into the Martian Upper Ionosphere and Correlations With Upstream Solar Wind Dynamic Pressure. *Journal of Geophysical Research: Space Physics*, **2019**, 124, 3021	2.6	2
318	Magnetic Topology Response to the 2003 Halloween ICME Event at Mars. *Journal of Geophysical Research: Space Physics*, **2019**, 124, 151-165	2.6	9
317	Influence of Extreme Ultraviolet Irradiance Variations on the Precipitating Ion Flux From MAVEN Observations. *Geophysical Research Letters*, **2019**, 46, 7761-7768	4.9	2
316	The Solar Clock. *Reviews of Geophysics*, **2019**, 57, 1129-1145	23.1	2
315	A Clock in the Sun?. *Proceedings of the International Astronomical Union*, **2019**, 15, 127-133	0.1	
314	Solar activity influences on planetary atmosphere evolution: Lessons from observations at Venus, Earth, and Mars. *Proceedings of the International Astronomical Union*, **2019**, 15, 241-258	0.1	
313	Variability of Precipitating Ion Fluxes During the September 2017 Event at Mars. *Journal of Geophysical Research: Space Physics*, **2019**, 124, 420-432	2.6	5
312	Seasonal Variability of Neutral Escape from Mars as Derived From MAVEN Pickup Ion Observations. *Journal of Geophysical Research E: Planets*, **2018**, 123, 1192-1202	4.1	27
311	Autocorrelation Study of Solar Wind Plasma and IMF Properties as Measured by the MAVEN Spacecraft. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 2493-2512	2.6	19
310	On Mars's Atmospheric Sputtering After MAVEN's First Martian Year of Measurements. *Geophysical Research Letters*, **2018**, 45, 4685-4691	4.9	17
309	The Morphology of the Solar Wind Magnetic Field Draping on the Dayside of Mars and Its Variability. *Geophysical Research Letters*, **2018**, 45, 3356-3365	4.9	22
308	STEREOObservations of Interplanetary Coronal Mass Ejections in 2007–2016. *Astrophysical Journal*, **2018**, 855, 114	4.7	38
307	The Twisted Configuration of the Martian Magnetotail: MAVEN Observations. *Geophysical Research Letters*, **2018**, 45, 4559-4568	4.9	38
306	Shock Connectivity and the Late Cycle 24 Solar Energetic Particle Events in July and September 2017. *Space Weather*, **2018**, 16, 557-568	3.7	27
305	Responses of the Martian Magnetosphere to an Interplanetary Coronal Mass Ejection: MAVEN Observations and LatHyS Results. *Geophysical Research Letters*, **2018**, 45, 7891-7900	4.9	13
304	Observations and Impacts of the 10 September 2017 Solar Events at Mars: An Overview and Synthesis of the Initial Results. *Geophysical Research Letters*, **2018**, 45, 8871-8885	4.9	49
303	Structure and Variability of the Martian Ion Composition Boundary Layer. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 8439-8458	2.6	14
302	Evidence for Crustal Magnetic Field Control of Ions Precipitating Into the Upper Atmosphere of Mars. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 8572-8586	2.6	11

301	Statistical Study of the Energetic Proton Environment at Titan's Orbit From the Cassini Spacecraft. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 4820-4834	2.6	4
300	Investigation of Martian Magnetic Topology Response to 2017 September ICME. *Geophysical Research Letters*, **2018**, 45, 7337-7346	4.9	24
299	Solar Wind Interaction With the Martian Upper Atmosphere: Roles of the Cold Thermosphere and Hot Oxygen Corona. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 6639-6654	2.6	13
298	Magnetic Clouds: Solar Cycle Dependence, Sources, and Geomagnetic Impacts. *Solar Physics*, **2018**, 293, 135	2.6	18
297	Modeling Martian Atmospheric Losses over Time: Implications for Exoplanetary Climate Evolution and Habitability. *Astrophysical Journal Letters*, **2018**, 859, L14	7.9	40
296	The Impact and Solar Wind Proxy of the 2017 September ICME Event at Mars. *Geophysical Research Letters*, **2018**, 45, 7248-7256	4.9	21
295	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. *Icarus*, **2018**, 315, 146-157	3.8	136
294	Martian low-altitude magnetic topology deduced from MAVEN/SWEA observations. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 1831-1852	2.6	74
293	Structure, dynamics, and seasonal variability of the Mars-solar wind interaction: MAVEN Solar Wind Ion Analyzer in-flight performance and science results. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 547-578	2.6	127
292	MAVEN observations on a hemispheric asymmetry of precipitating ions toward the Martian upper atmosphere according to the upstream solar wind electric field. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 1083-1101	2.6	15
291	MAVEN observations of the solar cycle 24 space weather conditions at Mars. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 2768-2794	2.6	55
290	Martian magnetic storms. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 6185-6209	2.6	29
289	The Dependence of the Cerean Exosphere on Solar Energetic Particle Events. *Astrophysical Journal Letters*, **2017**, 838, L8	7.9	35
288	MAVEN observations of a giant ionospheric flux rope near Mars resulting from interaction between the crustal and interplanetary draped magnetic fields. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 828-842	2.6	13
287	Hot oxygen escape from Mars: Simple scaling with solar EUV irradiance. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 1102-1116	2.6	26
286	High-Altitude Closed Magnetic Loops at Mars Observed by MAVEN. *Geophysical Research Letters*, **2017**, 44, 11,229-11,238	4.9	19
285	On the origins of magnetic flux ropes in near-Mars magnetotail current sheets. *Geophysical Research Letters*, **2017**, 44, 7653-7662	4.9	14
284	Solar Wind Interaction and Impact on the Venus Atmosphere. *Space Science Reviews*, **2017**, 212, 1453-1509	7.5	47

283	The Martian Photoelectron Boundary as Seen by MAVEN. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 10,472-10,485	2.6	21
282	Modeling solar energetic particle events using ENLIL heliosphere simulations. *Space Weather*, **2017**, 15, 934-954	3.7	27
281	On the Origins of Mars' Exospheric Nonthermal Oxygen Component as Observed by MAVEN and Modeled by HELIOSARES. *Journal of Geophysical Research E: Planets*, **2017**, 122, 2401-2428	4.1	19
280	Flows, Fields, and Forces in the Mars-Solar Wind Interaction. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 11,320-11,341	2.6	39
279	Comparative study of the Martian suprathermal electron depletions based on Mars Global Surveyor, Mars Express, and Mars Atmosphere and Volatile EvolutioN mission observations. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 857-873	2.6	22
278	Prospects for Modeling and Forecasting SEP Events with ENLIL and SEPMOD. *Proceedings of the International Astronomical Union*, **2017**, 13, 263-267	0.1	
277	Searching for Extreme SEP Events with STEREO **2017**,		2
276	Continuous solar wind forcing knowledge: Providing continuous conditions at Mars with the WSA-ENLIL + Cone model. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 6207-6222	2.6	8
275	Small solar wind transients at 1 AU: STEREO observations (2007–2014) and comparison with near-Earth wind results (1995–2014). *Journal of Geophysical Research: Space Physics*, **2016**, 121, 5005-5024	2.6	26
274	Shadowing and anisotropy of solar energetic ions at Mars measured by MAVEN during the March 2015 solar storm. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 2818-2829	2.6	13
273	A model for stealth coronal mass ejections. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 10,677	2.6	37
272	Carrington Class Solar Events and How to Recognize Them. *Proceedings of the International Astronomical Union*, **2016**, 12, 204-210	0.1	0
271	Space Weather Storm Responses at Mars: Lessons from A Weakly Magnetized Terrestrial Planet. *Proceedings of the International Astronomical Union*, **2016**, 12, 211-217	0.1	
270	Dynamics of planetary ions in the induced magnetospheres of Venus and Mars. *Planetary and Space Science*, **2016**, 127, 1-14	2	16
269	SHOCK CONNECTIVITY IN THE 2010 AUGUST AND 2012 JULY SOLAR ENERGETIC PARTICLE EVENTS INFERRED FROM OBSERVATIONS AND ENLIL MODELING. *Astrophysical Journal*, **2016**, 825, 1	4.7	30
268	ON SUN-TO-EARTH PROPAGATION OF CORONAL MASS EJECTIONS: II. SLOW EVENTS AND COMPARISON WITH OTHERS. *Astrophysical Journal, Supplement Series*, **2016**, 222, 23	8	41
267	Solar control of the Martian magnetic topology: Implications from model-data comparisons. *Planetary and Space Science*, **2016**, 128, 1-13	2	3
266	MAVEN observations of magnetic flux ropes with a strong field amplitude in the Martian magnetosheath during the ICME passage on 8 March 2015. *Geophysical Research Letters*, **2016**, 43, 4816-4824	4.9	13

265	Titan's Interaction with Saturn's Magnetosphere. *Geophysical Monograph Series*, **2016**, 291-305	1.1	
264	Interplanetary shocks and foreshocks observed by STEREO during 2007–2010. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 992-1008	2.6	25
263	Characterizing the low-altitude magnetic belt at Venus: Complementary observations from the Pioneer Venus Orbiter and Venus Express. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 2232-2240	2.6	13
262	Low-frequency waves within isolated magnetic clouds and complex structures: STEREO observations. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 2363-2381	2.6	10
261	The Mars Atmosphere and Volatile Evolution (MAVEN) Mission. *Space Science Reviews*, **2015**, 195, 3-48	7.5	405
260	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. *Science*, **2015**, 350, aad0210	33.3	131
259	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. *Science*, **2015**, 350, aad0459	33.3	77
258	Comparative pick-up ion distributions at Mars and Venus: Consequences for atmospheric deposition and escape. *Planetary and Space Science*, **2015**, 115, 35-47	2	42
257	PLASMA AND MAGNETIC FIELD CHARACTERISTICS OF SOLAR CORONAL MASS EJECTIONS IN RELATION TO GEOMAGNETIC STORM INTENSITY AND VARIABILITY. *Astrophysical Journal Letters*, **2015**, 809, L34	7.9	71
256	Characterizing Atmospheric Escape from Mars Today and Through Time, with MAVEN. *Space Science Reviews*, **2015**, 195, 357-422	7.5	88
255	Response of Mars O+ pickup ions to the 8 March 2015 ICME: Inferences from MAVEN data-based models. *Geophysical Research Letters*, **2015**, 42, 9095-9102	4.9	37
254	Statistical study of magnetic cloud erosion by magnetic reconnection. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 43-60	2.6	84
253	Strong plume fluxes at Mars observed by MAVEN: An important planetary ion escape channel. *Geophysical Research Letters*, **2015**, 42, 8942-8950	4.9	100
252	MAVEN observations of solar wind hydrogen deposition in the atmosphere of Mars. *Geophysical Research Letters*, **2015**, 42, 8901-8909	4.9	63
251	Multifluid MHD study of the solar wind interaction with Mars' upper atmosphere during the 2015 March 8th ICME event. *Geophysical Research Letters*, **2015**, 42, 9103-9112	4.9	45
250	Altitude dependence of nightside Martian suprathermal electron depletions as revealed by MAVEN observations. *Geophysical Research Letters*, **2015**, 42, 8877-8884	4.9	35
249	The MAVEN Solar Energetic Particle Investigation. *Space Science Reviews*, **2015**, 195, 153-172	7.5	55
248	The Venus–solar wind interaction: Is it purely ionospheric?. *Planetary and Space Science*, **2015**, 119, 36-42	2	5

247	Mars heavy ion precipitating flux as measured by Mars Atmosphere and Volatile EvolutioN. *Geophysical Research Letters*, **2015**, 42, 9135-9141	4.9	33
246	Implications of MAVEN Mars near-wake measurements and models. *Geophysical Research Letters*, **2015**, 42, 9087-9094	4.9	28
245	Initial results from the MAVEN mission to Mars. *Geophysical Research Letters*, **2015**, 42, 8791-8802	4.9	82
244	The spatial distribution of planetary ion fluxes near Mars observed by MAVEN. *Geophysical Research Letters*, **2015**, 42, 9142-9148	4.9	95
243	Statistical studies on Mars atmospheric sputtering by precipitating pickup O+: Preparation for the MAVEN mission. *Journal of Geophysical Research E: Planets*, **2015**, 120, 34-50	4.1	20
242	The Aeronomy of Mars: Characterization by MAVEN of the Upper Atmosphere Reservoir That Regulates Volatile Escape. *Space Science Reviews*, **2015**, 195, 423-456	7.5	55
241	Solar wind interaction effects on the magnetic fields around Mars: Consequences for interplanetary and crustal field measurements. *Planetary and Space Science*, **2015**, 117, 15-23	2	15
240	A statistical analysis of properties of small transients in the solar wind 2007–2009: STEREO and Wind observations. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 689-708	2.6	40
239	CONNECTING SPEEDS, DIRECTIONS AND ARRIVAL TIMES OF 22 CORONAL MASS EJECTIONS FROM THE SUN TO 1 AU. *Astrophysical Journal*, **2014**, 787, 119	4.7	128
238	Why have geomagnetic storms been so weak during the recent solar minimum and the rising phase of cycle 24?. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2014**, 107, 12-19	2	25
237	Magnetic clouds and origins in STEREO era. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 3237-3246	2.6	23
236	A statistical analysis of heliospheric plasma sheets, heliospheric current sheets, and sector boundaries observed in situ by STEREO. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 8721-8732	2.6	25
235	Modeling of the O+ pickup ion sputtering efficiency dependence on solar wind conditions for the Martian atmosphere. *Journal of Geophysical Research E: Planets*, **2014**, 119, 93-108	4.1	21
234	Effects of crustal field rotation on the solar wind plasma interaction with Mars. *Geophysical Research Letters*, **2014**, 41, 6563-6569	4.9	63
233	Solar wind control of the terrestrial magnetotail as seen by STEREO. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 6342-6355	2.6	8
232	Ninety degrees pitch angle enhancements of suprathermal electrons associated with interplanetary shocks. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 7038-7060	2.6	6
231	SUN-TO-EARTH CHARACTERISTICS OF TWO CORONAL MASS EJECTIONS INTERACTING NEAR 1 AU: FORMATION OF A COMPLEX EJECTA AND GENERATION OF A TWO-STEP GEOMAGNETIC STORM. *Astrophysical Journal Letters*, **2014**, 793, L41	7.9	52
230	Observations of an extreme storm in interplanetary space caused by successive coronal mass ejections. *Nature Communications*, **2014**, 5, 3481	17.4	178

229	Solar origins of solar wind properties during the cycle 23 solar minimum and rising phase of cycle 24. *Journal of Advanced Research*, **2013**, 4, 221-8	13	15
228	The Magnetopause Counterpart at the Weakly Magnetized Planets: The Ionopause. *Geophysical Monograph Series*, **2013**, 71-79	1.1	
227	The Inner Heliosphere at Fifty. *Eos*, **2013**, 94, 329-330	1.5	
226	Long Term Variations in the Solar Wind of Importance to ULF Phenomena. *Geophysical Monograph Series*, **2013**, 67-74	1.1	3
225	Characteristics of Cometary Picked-Up Ions in a Global Model of Giacobini-Zinner. *Special Publications*, **2013**, 8536-8544		
224	A Parametric Study of the Solar Wind Interaction with Comets. *Geophysical Monograph Series*, **2013**, 65-72	1.1	2
223	Mirror-mode storms inside stream interaction regions and in the ambient solar wind: A kinetic study. *Journal of Geophysical Research: Space Physics*, **2013**, 118, 17-28	2.6	11
222	ON SUN-TO-EARTH PROPAGATION OF CORONAL MASS EJECTIONS. *Astrophysical Journal*, **2013**, 769, 45	4.7	107
221	Solar wind observations at STEREO: 2007 - 2011 **2013**,		26
220	Small solar wind transients: Stereo-A observations in 2009 **2013**,		2
219	THE VERY UNUSUAL INTERPLANETARY CORONAL MASS EJECTION OF 2012 JULY 23: A BLAST WAVE MEDIATED BY SOLAR ENERGETIC PARTICLES. *Astrophysical Journal*, **2013**, 770, 38	4.7	103
218	The importance of pickup oxygen ion precipitation to the Mars upper atmosphere under extreme solar wind conditions. *Geophysical Research Letters*, **2013**, 40, 1922-1927	4.9	38
217	The Solar Wind Interaction with Venus and Mars: Cometary Analogies and Contrasts. *Geophysical Monograph Series*, **2013**, 5-16	1.1	5
216	Interplanetary Signatures of Unipolar Streamers and the Origin of the Slow Solar Wind. *Solar Physics*, **2012**, 277, 355-373	2.6	72
215	QUIET-TIME INTERPLANETARY ~2-20 keV SUPERHALO ELECTRONS AT SOLAR MINIMUM. *Astrophysical Journal Letters*, **2012**, 753, L23	7.9	98
214	Deep Solar Activity Minimum 2007 2009: Solar Wind Properties and Major Effects on the Terrestrial Magnetosphere. *Solar Physics*, **2012**, 281, 461	2.6	4
213	The Heliospheric Plasma Sheet Observed in situ by Three Spacecraft over Four Solar Rotations. *Solar Physics*, **2012**, 281, 423	2.6	17
212	Observations of ICMEs and ICME-like Solar Wind Structures from 2007 2010 Using Near-Earth and STEREO Observations. *Solar Physics*, **2012**, 281, 391	2.6	28

211	Multispacecraft observation of magnetic cloud erosion by magnetic reconnection during propagation. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		107
210	Interpreting some properties of CIRs and their associated shocks during the last two solar minima using global MHD simulations. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2012**, 83, 11-21	2	10
209	Waves upstream and downstream of interplanetary shocks driven by coronal mass ejections. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		48
208	Evidence for superthermal secondary electrons produced by SEP ionization in the Martian atmosphere. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		17
207	Energetic particles detected by the Electron Reflectometer instrument on the Mars Global Surveyor, 1999–2006. *Space Weather*, **2012**, 10, n/a-n/a	3.7	21
206	The Radial Variation of Interplanetary Shocks in the Inner Heliosphere: Observations by Helios, MESSENGER, and STEREO. *Solar Physics*, **2012**, 278, 421-433	2.6	7
205	Comparisons of Cassini flybys of the Titan magnetospheric interaction with an MHD model: Evidence for organized behavior at high altitudes. *Icarus*, **2012**, 217, 43-54	3.8	8
204	Investigating magnetospheric interaction effects on Titan's ionosphere with the Cassini orbiter Ion Neutral Mass Spectrometer, Langmuir Probe and magnetometer observations during targeted flybys. *Icarus*, **2012**, 219, 534-555	3.8	15
203	On the relationship between magnetic cloud field polarity and geoeffectiveness. *Annales Geophysicae*, **2012**, 30, 1037-1050	2	26
202	INTERACTIONS BETWEEN CORONAL MASS EJECTIONS VIEWED IN COORDINATED IMAGING AND IN SITU OBSERVATIONS. *Astrophysical Journal Letters*, **2012**, 746, L15	7.9	91
201	Investigation of Mars' ionospheric response to solar energetic particle events. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		23
200	Issues in heliospheric field mapping to flare SEP sources **2012**,		3
199	MULTI-POINT SHOCK AND FLUX ROPE ANALYSIS OF MULTIPLE INTERPLANETARY CORONAL MASS EJECTIONS AROUND 2010 AUGUST 1 IN THE INNER HELIOSPHERE. *Astrophysical Journal*, **2012**, 758, 10	4.7	95
198	Far tail (255 RE) fast response to very weak magnetic activity. *Journal of Geophysical Research*, **2011** , 116,		3
197	Titan's thermospheric response to various plasma environments. *Journal of Geophysical Research*, **2011**, 116,		67
196	Dual observations of interplanetary shocks associated with stream interaction regions. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		9
195	Atmospheric erosion of Venus during stormy space weather. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		51
194	SOLAR SOURCE AND HELIOSPHERIC CONSEQUENCES OF THE 2010 APRIL 3 CORONAL MASS EJECTION: A COMPREHENSIVE VIEW. *Astrophysical Journal*, **2011**, 734, 84	4.7	71

193	Interplanetary conditions: lessons from this minimum. *Proceedings of the International Astronomical Union*, **2011**, 7, 168-178	0.1	2
192	ARRIVAL TIME CALCULATION FOR INTERPLANETARY CORONAL MASS EJECTIONS WITH CIRCULAR FRONTS AND APPLICATION TOSTEREOOBSERVATIONS OF THE 2009 FEBRUARY 13 ERUPTION. *Astrophysical Journal*, **2011**, 741, 34	4.7	45
191	PLASMOID RELEASES IN THE HELIOSPHERIC CURRENT SHEET AND ASSOCIATED CORONAL HOLE BOUNDARY LAYER EVOLUTION. *Astrophysical Journal*, **2011**, 737, 16	4.7	26
190	Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval. *Solar Physics*, **2011**, 274, 361-377	2.6	95
189	Coronal Field Opens at Lower Height During the Solar Cycles 22 and 23 Minimum Periods: IMF Comparison Suggests the Source Surface Should Be Lowered. *Solar Physics*, **2011**, 269, 367-388	2.6	74
188	Cyclic Reversal of Magnetic Cloud Poloidal Field. *Solar Physics*, **2011**, 270, 331-346	2.6	23
187	Comparing Solar Minimum 23/24 with Historical Solar Wind Records at 1 AU. *Solar Physics*, **2011**, 274, 321-344	2.6	110
186	Comparison of Observations at ACE and Ulysses with Enlil Model Results: Stream Interaction Regions During Carrington Rotations 2016 2018. *Solar Physics*, **2011**, 273, 179-203	2.6	49
185	The IMPACT Solar Wind Electron Analyzer (SWEA): Reconstruction of the SWEA Transmission Function by Numerical Simulation and Data Analysis. *Space Science Reviews*, **2011**, 161, 49-62	7.5	11
184	Multiple, distant (40) in situ observations of a magnetic cloud and a corotating interaction region complex. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2011**, 73, 1254-1269	2	41
183	Multipoint ICME encounters: Pre-STEREO and STEREO observations. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2011**, 73, 1228-1241	2	57
182	Interplanetary coronal mass ejections in the near-Earth solar wind during the minimum periods following solar cycles 22 and 23. *Annales Geophysicae*, **2011**, 29, 1455-1467	2	22
181	LOW-LATITUDE CORONAL HOLES AT THE MINIMUM OF THE 23rd SOLAR CYCLE. *Astrophysical Journal*, **2010**, 712, 813-818	4.7	65
180	RECONSTRUCTING CORONAL MASS EJECTIONS WITH COORDINATED IMAGING AND IN SITU OBSERVATIONS: GLOBAL STRUCTURE, KINEMATICS, AND IMPLICATIONS FOR SPACE WEATHER FORECASTING. *Astrophysical Journal*, **2010**, 722, 1762-1777	4.7	111
179	Statistics of counter-streaming solar wind suprathermal electrons at solar minimum: STEREO observations. *Annales Geophysicae*, **2010**, 28, 233-246	2	22
178	He Pickup Ions in the Inner Heliosphere Diagnostics of the Local Interstellar Gas and of Interplanetary Conditions **2010**,		8
177	Mirror Mode Structures in the Solar Wind: STEREO Observations **2010**,		5
176	Intermittent release of transients in the slow solar wind: 2. In situ evidence. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		42

175	Escape probability of Martian atmospheric ions: Controlling effects of the electromagnetic fields. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		29
174	Dynamical and magnetic field time constants for Titan's ionosphere: Empirical estimates and comparisons with Venus. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		31
173	Sun to 1 AU propagation and evolution of a slow streamer-blowout coronal mass ejection. *Journal of Geophysical Research*, **2010**, 115,		57
172	How unprecedented a solar minimum?. *Reviews of Geophysics*, **2010**, 48,	23.1	110
171	Interplanetary field enhancements travel at the solar wind speed. *Geophysical Research Letters*, **2010**, 37, n/a-n/a	4.9	7
170	Energetic, ~5□0 keV neutral atom imaging of a weak substorm with STEREO/STE. *Geophysical Research Letters*, **2010**, 37,	4.9	4
169	Hemispheric asymmetry of the magnetic field wrapping pattern in the Venusian magnetotail. *Geophysical Research Letters*, **2010**, 37, n/a-n/a	4.9	51
168	Interpretation of the cross-correlation function of ACE and STEREO solar wind velocities using a global MHD Model. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		8
167	Observations of ion cyclotron waves in the solar wind near 0.3 AU. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		62
166	A comparison of global models for the solar wind interaction with Mars. *Icarus*, **2010**, 206, 139-151	3.8	92
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