

# Kristin Simunac

## List of Publications by Year in descending order

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17  
papers

819  
citations

932766

10  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1014  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Plasma and Suprathermal Ion Composition (PLASTIC) Investigation on the STEREO Observatories. <i>Space Science Reviews</i> , 2008, 136, 437-486.	3.7	360
2	A major solar eruptive event in July 2012: Defining extreme space weather scenarios. <i>Space Weather</i> , 2013, 11, 585-591.	1.3	189
3	A statistical analysis of properties of small transients in the solar wind 2007–2009: STEREO and Wind observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 689-708.	0.8	51
4	Small solar wind transients at 1 AU: STEREO observations (2007–2014) and comparison with near-Earth wind results (1995–2014). <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5005-5024.	0.8	33
5	PLASMOID RELEASES IN THE HELIOSPHERIC CURRENT SHEET AND ASSOCIATED CORONAL HOLE BOUNDARY LAYER EVOLUTION. <i>Astrophysical Journal</i> , 2011, 737, 16.	1.6	32
6	A statistical analysis of heliospheric plasma sheets, heliospheric current sheets, and sector boundaries observed in situ by STEREO. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8721-8732.	0.8	30
7	Solar wind observations at STEREO: 2007 - 2011. , 2013, , .		28
8	In Situ Observations of Solar Wind Stream Interface Evolution. <i>Solar Physics</i> , 2009, 259, 323-344.	1.0	23
9	Asymmetric shear flow effects on magnetic field configuration within oppositely directed solar wind reconnection exhausts. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
10	Escape of O <sup>+</sup> through the distant tail plasma sheet. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	16
11	Mirror-mode storms inside stream interaction regions and in the ambient solar wind: A kinetic study. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 17-28.	0.8	11
12	He Pickup Ions in the Inner Heliosphere—Diagnostics of the Local Interstellar Gas and of Interplanetary Conditions. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	9
13	The Solar Wind Quasi-Invariant Observed by STEREO and at Solar Minimum 2007 and Comparison with Two Other Minima. <i>Solar Physics</i> , 2009, 259, 381-388.	1.0	7
14	In Situ Analysis of Heliospheric Current Sheet Propagation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9803-9814.	0.8	5
15	Deep Solar Activity Minimum 2007–2009: Solar Wind Properties and Major Effects on the Terrestrial Magnetosphere. <i>Solar Physics</i> , 2012, 281, 461.	1.0	4
16	Concerning the helium-to-hydrogen number density ratio in very slow ejecta and winds near solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1487-1512.	0.8	2
17	The Thermalization of Oxygen Ions and Protons at Shocks Associated with CIRs. , 2009, , .		0