

Stefan Kiehas

List of Publications by Year in descending order

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9
papers

330
citations

1683354
5
h-index

1473754
9
g-index

9
all docs

9
docs citations

9
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic Energy Conversion at Reconnection Fronts. <i>Science</i> , 2013, 341, 1478-1482.	6.0	234
2	Magnetotail Fast Flow Occurrence Rate and Dawn-Dusk Asymmetry at <i>X_{GSM}</i> . <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1767-1778.	0.8	28
3	Antidipolarization fronts observed by ARTEMIS. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7181-7198.	0.8	25
4	On the azimuthal size of flux ropes near lunar orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4415-4424.	0.8	17
5	First application of a Petschek-type reconnection model with time-varying reconnection rate to THEMIS observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	14
6	The Inertia-Based Model for Reconstruction of the Electron Diffusion Region. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029045.	0.8	5
7	Grad-Shafranov reconstruction of the magnetic configuration in the reconnection X-point vicinity in compressible plasma. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	4
8	Energy budget of the reconnection process. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	2
9	Large-scale energy budget of impulsive magnetic reconnection: Theory and simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3212-3231.	0.8	1