

Jan Souček

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

386
citations

1040056

9
h-index

1281871

11
g-index

29
all docs

29
docs citations

29
times ranked

607
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of magnetosheath mirror modes observed by Cluster and their response to changes in plasma parameters. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	123
2	The Energetic Particle Detector. <i>Astronomy and Astrophysics</i> , 2020, 642, A7.	5.1	107
3	Magnetosheath plasma stability and ULF wave occurrence as a function of location in the magnetosheath and upstream bow shock parameters. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2838-2850.	2.4	35
4	Whistler waves observed by Solar Orbiter/RPW between 0.5 AU and 1 AU. <i>Astronomy and Astrophysics</i> , 2021, 656, A24.	5.1	19
5	Alfvén Ion Cyclotron Waves in Sheath Regions Driven by Interplanetary Coronal Mass Ejections. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3893-3909.	2.4	17
6	Solar wind current sheets and deHoffmann-Teller analysis. First results from Solar Orbiter's DC electric field measurements. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	13
7	First-year ion-acoustic wave observations in the solar wind by the RPW/TDS instrument on board Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2021, 656, A14.	5.1	13
8	Kinetic electrostatic waves and their association with current structures in the solar wind. <i>Astronomy and Astrophysics</i> , 2021, 656, A23.	5.1	12
9	First dust measurements with the Solar Orbiter Radio and Plasma Wave instrument. <i>Astronomy and Astrophysics</i> , 2021, 656, A30.	5.1	12
10	ULF Wave Transmission Across Collisionless Shocks: 2.5D Local Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029283.	2.4	12
11	Propagation of Ultralow-Frequency Waves from the Ion Foreshock into the Magnetosphere During the Passage of a Magnetic Cloud. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028474.	2.4	10
12	Solar Orbiter Radio and Plasma Waves - Time Domain Sampler: In-flight performance and first results. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	6
13	Direct Measurement of Low-Energy Electron Foreshock Beams. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2380-2392.	2.4	5
14	The Faraday rotation effect in Saturn Kilometric Radiation observed by the CASSINI spacecraft. <i>Icarus</i> , 2021, 370, 114661.	2.5	0