Thomas Chust

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9758468/publications.pdf

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21	353	933447	839539
papers	citations	10	18
		h-index	g-index

22	22	22	504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of the homogeneity of energy conversion processes at dipolarization fronts from MMS measurements. Physics of Plasmas, 2022, 29, .	1.9	5
2	Analysis of multiscale structures at the quasi-perpendicular Venus bow shock. Astronomy and Astrophysics, 2022, 660, A64.	5.1	5
3	Energetic ions in the Venusian system: Insights from the first Solar Orbiter flyby. Astronomy and Astrophysics, 2021, 656, A7.	5.1	9
4	Statistical study of electron density turbulence and ion-cyclotron waves in the inner heliosphere: Solar Orbiter observations. Astronomy and Astrophysics, 2021, 656, A16.	5.1	5
5	Kinetic electrostatic waves and their association with current structures in the solar wind. Astronomy and Astrophysics, 2021, 656, A23.	5.1	12
6	Solar Orbiterâ€™s first Venus flyby: Observations from the Radio and Plasma Wave instrument. Astronomy and Astrophysics, 2021, 656, A18.	5.1	14
7	Density fluctuations associated with turbulence and waves. Astronomy and Astrophysics, 2021, 656, A19.	5.1	24
8	First dust measurements with the Solar Orbiter Radio and Plasma Wave instrument. Astronomy and Astrophysics, 2021, 656, A30.	5.1	12
9	Observations of whistler mode waves by Solar Orbiterâ€™s RPW Low Frequency Receiver (LFR): In-flight performance and first results. Astronomy and Astrophysics, 2021, 656, A17.	5.1	6
10	Whistler instability driven by the sunward electron deficit in the solar wind. Astronomy and Astrophysics, 2021, 656, A31.	5.1	12
11	Solar Orbiter/RPW antenna calibration in the radio domain and its application to type III burst observations. Astronomy and Astrophysics, 2021, 656, A33.	5.1	5
12	First-year ion-acoustic wave observations in the solar wind by the RPW/TDS instrument on board Solar Orbiter. Astronomy and Astrophysics, 2021, 656, A14.	5.1	13
13	Whistler waves observed by Solar Orbiter/RPW between 0.5 AU and 1 AU. Astronomy and Astrophysics, 2021, 656, A24.	5.1	19
14	The Solar Orbiter Radio and Plasma Waves (RPW) instrument (Corrigendum). Astronomy and Astrophysics, 2021, 654, C2.	5.1	2
15	Solar Orbiterâ€™s encounter with the tail of comet C/2019 Y4 (ATLAS): Magnetic field draping and cometary pick-up ion waves. Astronomy and Astrophysics, 2021, 656, A39.	5.1	4
16	First observations and performance of the RPW instrument on board the Solar Orbiter mission. Astronomy and Astrophysics, 2021, 656, A41.	5.1	9
17	The Solar Orbiter Radio and Plasma Waves (RPW) instrument. Astronomy and Astrophysics, 2020, 642, A12.	5.1	80
18	The Solar Orbiter Science Activity Plan. Astronomy and Astrophysics, 2020, 642, A3.	5.1	67

#	Article	IF	Citations
19	Lower Hybrid Drift Waves and Electromagnetic Electron Spaceâ€Phase Holes Associated With Dipolarization Fronts and Fieldâ€Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. Journal of Geophysical Research: Space Physics, 2017, 122, 12,236.	2.4	31
20	Solar wind current sheets and deHoffmann-Teller analysis. First results from Solar Orbiter's DC electric field measurements. Astronomy and Astrophysics, 0, , .	5.1	13
21	Solar Orbiter Radio and Plasma Waves - Time Domain Sampler: In-flight performance and first results. Astronomy and Astrophysics, 0, , .	5.1	6