

Christian L VÃ¡squez

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

267
citations

1040056

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1199594

12
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20
all docs

20
docs citations

20
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	KINETIC ALFVÉN WAVE GENERATION BY LARGE-SCALE PHASE MIXING. <i>Astrophysical Journal</i> , 2015, 815, 7.	4.5	38
2	Colliding Alfvénic wave packets in magnetohydrodynamics, Hall and kinetic simulations. <i>Journal of Plasma Physics</i> , 2017, 83, .	2.1	38
3	From Alfvén waves to kinetic Alfvén waves in an inhomogeneous equilibrium structure. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1024-1045.	2.4	33
4	REVISITING A CLASSIC: THE PARKER–MOFFATT PROBLEM. <i>Astrophysical Journal</i> , 2017, 834, 166.	4.5	32
5	Transition to kinetic turbulence at proton scales driven by large-amplitude kinetic Alfvén fluctuations. <i>Astronomy and Astrophysics</i> , 2017, 599, A8.	5.1	30
6	Dissipation measures in weakly collisional plasmas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4857-4873.	4.4	29
7	Vlasov simulations of kinetic Alfvén waves at proton kinetic scales. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	19
8	Impact of Switchbacks on Turbulent Cascade and Energy Transfer Rate in the Inner Heliosphere. <i>Astrophysical Journal Letters</i> , 2021, 922, L11.	8.3	18
9	Comparing turbulence in a Kelvin–Helmholtz instability region across the terrestrial magnetopause. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4815-4827.	4.4	13
10	Sign Singularity of the Local Energy Transfer in Space Plasma Turbulence. <i>Frontiers in Physics</i> , 2019, 7, .	2.1	9
11	Statistical study of electron density turbulence and ion-cyclotron waves in the inner heliosphere: Solar Orbiter observations. <i>Astronomy and Astrophysics</i> , 2021, 656, A16.	5.1	5
12	Local and global properties of energy transfer in models of plasma turbulence. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	3
13	Classification of long Gamma Ray Bursts using cosmologically corrected temporal estimators. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 417-418.	0.0	0
14	Testing the bimodal distribution of long gamma-ray bursts in the cosmological rest-frame. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 298-299.	0.0	0
15	Preface: Proceedings of the 2nd International Congress on Physics ESPOCH (ICPE-2017). <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0