

Kui Jiang

List of Publications by Year in descending order

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34
papers

466
citations

623734

14
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752698

20
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34
all docs

34
docs citations

34
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of the Electron Jet Generated by Secondary Reconnection in the Terrestrial Magnetotail. <i>Astrophysical Journal</i> , 2018, 862, 144.	4.5	43
2	Observations of Flux Ropes With Strong Energy Dissipation in the Magnetotail. <i>Geophysical Research Letters</i> , 2019, 46, 580-589.	4.0	31
3	Kinetic Scale Slow Solar Wind Turbulence in the Inner Heliosphere: Coexistence of Kinetic Alfvén Waves and Alfvén Ion Cyclotron Waves. <i>Astrophysical Journal Letters</i> , 2020, 897, L3.	8.3	28
4	The Role of Upper Hybrid Waves in the Magnetotail Reconnection Electron Diffusion Region. <i>Astrophysical Journal Letters</i> , 2019, 881, L28.	8.3	22
5	MMS Observations of Kinetic-size Magnetic Holes in the Terrestrial Magnetotail Plasma Sheet. <i>Astrophysical Journal</i> , 2019, 875, 113.	4.5	21
6	The Ion Transition Range of Solar Wind Turbulence in the Inner Heliosphere: Parker Solar Probe Observations. <i>Astrophysical Journal Letters</i> , 2021, 909, L7.	8.3	20
7	Analysis of Turbulence Properties in the Mercury Plasma Environment Using MESSENGER Observations. <i>Astrophysical Journal</i> , 2020, 891, 159.	4.5	19
8	Intermittent Dissipation at Kinetic Scales in the Turbulent Reconnection Outflow. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	19
9	Observations of Electron Vortex at the Dipolarization Front. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088448.	4.0	18
10	Periodical Dipolarization Processes in Earth's Magnetotail. <i>Geophysical Research Letters</i> , 2019, 46, 13640-13648.	4.0	17
11	Prediction of the Dst Index with Bagging Ensemble-learning Algorithm. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 14.	7.7	17
12	Electron-only Reconnection in an Ion-scale Current Sheet at the Magnetopause. <i>Astrophysical Journal</i> , 2021, 922, 54.	4.5	17
13	Observations of Magnetic Field Line Curvature and Its Role in the Space Plasma Turbulence. <i>Astrophysical Journal Letters</i> , 2020, 898, L18.	8.3	16
14	Characteristics of Magnetic Holes in the Solar Wind Revealed by Parker Solar Probe. <i>Astrophysical Journal</i> , 2021, 908, 56.	4.5	15
15	Statistical Properties of Current, Energy Conversion, and Electron Acceleration in Flux Ropes in the Terrestrial Magnetotail. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093458.	4.0	14
16	First Observations of Magnetosonic Waves With Nonlinear Harmonics. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027724.	2.4	13
17	Excitation of Whistler Waves Through the Bidirectional Field-Aligned Electron Beams With Electron Temperature Anisotropy: MMS Observations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087515.	4.0	13
18	Three-Dimensional Anisotropy and Scaling Properties of Solar Wind Turbulence at Kinetic Scales in the Inner Heliosphere: Parker Solar Probe Observations. <i>Astrophysical Journal Letters</i> , 2022, 924, L21.	8.3	13

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19	Global Spatial Distribution of Dipolarization Fronts in the Saturn's Magnetosphere: Cassini Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092701.	4.0	11
20	Observations of whistler waves in two sequential flux ropes at the magnetopause. <i>Astrophysics and Space Science</i> , 2019, 364, 1.	1.4	10
21	Observational Evidence of Magnetic Reconnection in the Terrestrial Foreshock Region. <i>Astrophysical Journal</i> , 2021, 922, 56.	4.5	10
22	Anisotropy of Magnetic Field Spectra at Kinetic Scales of Solar Wind Turbulence as Revealed by the Parker Solar Probe in the Inner Heliosphere. <i>Astrophysical Journal Letters</i> , 2022, 929, L6.	8.3	10
23	Electron Jets in the Terrestrial Magnetotail: A Statistical Overview. <i>Astrophysical Journal</i> , 2020, 896, 67.	4.5	9
24	In Situ Detection of Kinetic-size Magnetic Holes in the Martian Magnetosheath. <i>Astrophysical Journal</i> , 2021, 922, 107.	4.5	9
25	Formation of Negative $\langle b^2 J^2 \rangle$ in the Outer Electron Diffusion Region During Magnetic Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	9
26	Distribution of Negative $\langle i^2 J^2 \rangle$ in the Inflow Edge of the Inner Electron Diffusion Region During Tail Magnetic Reconnection: Simulations Vs. Observations. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
27	Multi-Spacecraft Measurement of Anisotropic Spatial Correlation Functions at Kinetic Range in the Magnetosheath Turbulence. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028780.	2.4	6
28	Observation of High-Frequency Electrostatic Waves in the Dip Region Ahead of Dipolarization Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029408.	2.4	6
29	Observations of Pitch Angle Changes of Electrons and High-Frequency Wave Activities in the Magnetotail Plasma Bubble. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, e2021JA029761.	2.4	5
30	Successive Dipolarization Fronts With a Stepwise Electron Acceleration During a Substorm in Saturn's Magnetotail. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
31	Kinetic-Size Magnetic Holes in the Terrestrial Foreshock Region. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
32	Sub-structures of the Separatrix Region During Magnetic Reconnection. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
33	Selection of the Main Control Parameters for the Dst Index Prediction Model Based on a Layer-wise Relevance Propagation Method. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 6.	7.7	2
34	Characteristics of Energetic Oxygen Ions Escaping From Mars: MAVEN Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029507.	2.4	1