Kui Jiang

List of Publications by Year
in descending order

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34 papers	466 citations	623734 14 h-index	752698 20 g-index
34 all docs	34 docs citations	34 times ranked	407 citing authors

#	Article	IF	Citations
1	Observations of Pitch Angle Changes of Electrons and Highâ€Frequency Wave Activities in the Magnetotail Plasma Bubble. Journal of Geophysical Research: Space Physics, 2022, 127, e2021JA029761.	2.4	5
2	Formation of Negative J â‹… Eâ€² in the Outer Electron Diffusion Region During Magnetic Reconnection. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	9
3	Three-Dimensional Anisotropy and Scaling Properties of Solar Wind Turbulence at Kinetic Scales in the Inner Heliosphere: Parker Solar Probe Observations. Astrophysical Journal Letters, 2022, 924, L21.	8.3	13
4	Successive Dipolarization Fronts With a Stepwise Electron Acceleration During a Substorm in Saturn's Magnetotail. Geophysical Research Letters, 2022, 49, .	4.0	5
5	Subâ€Structures of the Separatrix Region During Magnetic Reconnection. Geophysical Research Letters, 2022, 49, .	4.0	4
6	Intermittent Dissipation at Kinetic Scales in the Turbulent Reconnection Outflow. Geophysical Research Letters, 2022, 49, .	4.0	19
7	Kineticâ€Size Magnetic Holes in the Terrestrial Foreshock Region. Geophysical Research Letters, 2022, 49, .	4.0	5
8	Anisotropy of Magnetic Field Spectra at Kinetic Scales of Solar Wind Turbulence as Revealed by the Parker Solar Probe in the Inner Heliosphere. Astrophysical Journal Letters, 2022, 929, L6.	8.3	10
9	Selection of the Main Control Parameters for the Dst Index Prediction Model Based on a Layer-wise Relevance Propagation Method. Astrophysical Journal, Supplement Series, 2022, 260, 6.	7.7	2
10	Distribution of Negative JÂ·Eâ€² in the Inflow Edge of the Inner Electron Diffusion Region During Tail Magnetic Reconnection: Simulations Vs. Observations. Geophysical Research Letters, 2022, 49, .	4.0	8
11	Characteristics of Magnetic Holes in the Solar Wind Revealed by Parker Solar Probe. Astrophysical Journal, 2021, 908, 56.	4.5	15
12	The Ion Transition Range of Solar Wind Turbulence in the Inner Heliosphere: Parker Solar Probe Observations. Astrophysical Journal Letters, 2021, 909, L7.	8.3	20
13	Multiâ€Spacecraft Measurement of Anisotropic Spatial Correlation Functions at Kinetic Range in the Magnetosheath Turbulence. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028780.	2.4	6
14	Statistical Properties of Current, Energy Conversion, and Electron Acceleration in Flux Ropes in the Terrestrial Magnetotail. Geophysical Research Letters, 2021, 48, e2021GL093458.	4.0	14
15	Characteristics of Energetic Oxygen Ions Escaping From Mars: MAVEN Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029507.	2.4	1
16	Global Spatial Distribution of Dipolarization Fronts in the Saturn's Magnetosphere: Cassini Observations. Geophysical Research Letters, 2021, 48, e2021GL092701.	4.0	11
17	Observation of Highâ€Frequency Electrostatic Waves in the Dip Region Ahead of Dipolarization Front. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029408.	2.4	6
18	Observational Evidence of Magnetic Reconnection in the Terrestrial Foreshock Region. Astrophysical Journal, 2021, 922, 56.	4.5	10

#	Article	IF	Citations
19	Electron-only Reconnection in an Ion-scale Current Sheet at the Magnetopause. Astrophysical Journal, 2021, 922, 54.	4.5	17
20	In Situ Detection of Kinetic-size Magnetic Holes in the Martian Magnetosheath. Astrophysical Journal, 2021, 922, 107.	4.5	9
21	First Observations of Magnetosonic Waves With Nonlinear Harmonics. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027724.	2.4	13
22	Excitation of Whistler Waves Through the Bidirectional Fieldâ€Aligned Electron Beams With Electron Temperature Anisotropy: MMS Observations. Geophysical Research Letters, 2020, 47, e2020GL087515.	4.0	13
23	Observations of Electron Vortex at the Dipolarization Front. Geophysical Research Letters, 2020, 47, e2020GL088448.	4.0	18
24	Analysis of Turbulence Properties in the Mercury Plasma Environment Using MESSENGER Observations. Astrophysical Journal, 2020, 891, 159.	4.5	19
25	Kinetic Scale Slow Solar Wind Turbulence in the Inner Heliosphere: Coexistence of Kinetic AlfvÃ©n Waves and AlfvÃ©n Ion Cyclotron Waves. Astrophysical Journal Letters, 2020, 897, L3.	8.3	28
26	Prediction of the Dst Index with Bagging Ensemble-learning Algorithm. Astrophysical Journal, Supplement Series, 2020, 248, 14.	7.7	17
27	Observations of Magnetic Field Line Curvature and Its Role in the Space Plasma Turbulence. Astrophysical Journal Letters, 2020, 898, L18.	8.3	16
28	Electron Jets in the Terrestrial Magnetotail: A Statistical Overview. Astrophysical Journal, 2020, 896, 67.	4.5	9
29	Observations of whistler waves in two sequential flux ropes at the magnetopause. Astrophysics and Space Science, 2019, 364, 1.	1.4	10
30	The Role of Upper Hybrid Waves in the Magnetotail Reconnection Electron Diffusion Region. Astrophysical Journal Letters, 2019, 881, L28.	8.3	22
31	MMS Observations of Kinetic-size Magnetic Holes in the Terrestrial Magnetotail Plasma Sheet. Astrophysical Journal, 2019, 875, 113.	4.5	21
32	Observations of Flux Ropes With Strong Energy Dissipation in the Magnetotail. Geophysical Research Letters, 2019, 46, 580-589.	4.0	31
33	Periodical Dipolarization Processes in Earth's Magnetotail. Geophysical Research Letters, 2019, 46, 13640-13648.	4.0	17
34	Observations of the Electron Jet Generated by Secondary Reconnection in the Terrestrial Magnetotail. Astrophysical Journal, 2018, 862, 144.	4.5	43