

Xiukuan Zhao

List of Publications by Year in descending order

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25
papers

253
citations

1039406

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14
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25
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Latitude Ionospheric TEC Oscillations Associated With Periodic Changes in IMF Bz Polarity. <i>Geophysical Research Letters</i> , 2019, 46, 9379-9387.	1.5	26
2	IONISE: An Ionospheric Observational Network for Irregularity and Scintillation in East and Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028055.	0.8	26
3	Hierarchical ensemble-based data fusion for structural health monitoring. <i>Smart Materials and Structures</i> , 2010, 19, 045009.	1.8	22
4	Multiple Technique Observations of the Ionospheric Responses to the 21 June 2020 Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028450.	0.8	19
5	Medium-scale Traveling Ionospheric Disturbances Induced by Typhoon Chan-hom Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2223-2237.	0.8	16
6	Morphological Characteristics of Thousand-kilometer-scale E _s Structures Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028712.	0.8	15
7	Unexpected High Occurrence of Daytime F ₂ Region Backscatter Plume Structures Over Low Latitude Sanya and Their Possible Origin. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090517.	1.5	13
8	Statistical Characteristics and Correlation of Low-latitude F Region Bottom-type Irregularity Layers and Plasma Plumes Over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027855.	0.8	12
9	Structures of Multiple Large-scale Traveling Ionospheric Disturbances Observed by Dense Global Navigation Satellite System Networks in China. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027032.	0.8	9
10	Coupling Between E ₁ Region Quasi-periodic Echoes and F ₂ Region Medium-scale Traveling Ionospheric Disturbances at Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027720.	0.8	9
11	The Prediction of Day-to-Day Occurrence of Low Latitude Ionospheric Strong Scintillation Using Gradient Boosting Algorithm. <i>Space Weather</i> , 2021, 19, e2021SW002884.	1.3	9
12	The Evolution of Complex E _s Observed by Multi Instruments Over Low-latitude China. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027656.	0.8	8
13	Design of Meteor and Ionospheric Irregularity Observation System and First Results. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	8
14	Interaction Between a Southwestward Propagating MSTID and a Poleward Moving WSA-Like Plasma Patch on a Magnetically Quiet Night at Midlatitude China Region. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028085.	0.8	7
15	Climatology of equatorial and low-latitude F region kilometer-scale irregularities over the meridian circle around 120°E/60°W. <i>GPS Solutions</i> , 2021, 25, 1.	2.2	7
16	A Comparative Study of Ionospheric Day-to-Day Variability Over Wuhan Based on Ionosonde Measurements and Model Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028589.	0.8	7
17	Latitudinal Variations of Daytime Periodic Ionospheric Disturbances From Beidou GEO TEC Observations Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028809.	0.8	7
18	Interaction Between an EMSTID and an EPB in the EIA Crest Region Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029005.	0.8	6

#	ARTICLE	IF	CITATIONS
19	Innovative Data Fusion Enabled Structural Health Monitoring Approach. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-10.	0.6	5
20	Statistical Study on the Occurrences of Postsunset Ionospheric E _s , Valley, and F Region Irregularities and Their Correlations Over Low-Latitude Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9873-9880.	0.8	5
21	Occurrences of regional strong E _s irregularities and corresponding scintillations characterized using a high-temporal-resolution GNSS network. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	0.8	5
22	Daytime Ionospheric Large-Scale Plasma Density Depletion Structures Detected at Low Latitudes Under Relatively Quiet Geomagnetic Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	5
23	Ionospheric Nighttime Enhancements at Low Latitudes Challenge Performance of the Global Ionospheric Maps. <i>Remote Sensing</i> , 2022, 14, 1088.	1.8	4
24	Onset location of scintillation-producing spread-F plume over Sanya. <i>Science China Earth Sciences</i> , 2016, 59, 1692-1699.	2.3	2
25	Interaction between Equatorial to Low-Latitude Postmidnight F ₂ region Irregularities and LSTIDs in China during Geomagnetic Disturbances based on Ground-based Instruments. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	0.8	1