Zhe Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4463728/publications.pdf

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15	299	933447 10	1281871 11
papers	citations	h-index	g-index

16	16	16	272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Correlation between ROTI and Ionospheric Scintillation Indices using Hong Kong low-latitude GPS data. GPS Solutions, 2016, 20, 815-824.	4.3	83
2	LEO Enhanced Global Navigation Satellite System (LeGNSS): progress, opportunities, and challenges. Geo-Spatial Information Science, 2022, 25, 1-13.	5.3	35
3	Observational study of ionospheric irregularities and GPS scintillations associated with the 2012 tropical cyclone Tembin passing Hong Kong. Journal of Geophysical Research: Space Physics, 2016, 121, 4705-4717.	2.4	33
4	Global View of Ionospheric Disturbance Impacts on Kinematic GPS Positioning Solutions During the 2015 St. Patrick's Day Storm. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027681.	2.4	32
5	Ionospheric tomography based on GNSS observations of the CMONOC: performance in the topside ionosphere. GPS Solutions, 2017, 21, 363-375.	4.3	16
6	Lowâ€Latitude Ionospheric Density Irregularities and Associated Scintillations Investigated by Combining COSMIC RO and Groundâ€Based Global Positioning System Observations Over a Solar Active Period. Journal of Geophysical Research: Space Physics, 2018, 123, 3998-4014.	2.4	16
7	On Inconsistent ROTI Derived From Multiconstellation GNSS Measurements of Globally Distributed GNSS Receivers for Ionospheric Irregularities Characterization. Radio Science, 2019, 54, 215-232.	1.6	15
8	Anomalies in broadcast ionospheric coefficients recorded by GPS receivers over the past two solar cycles (1992â€“2013). GPS Solutions, 2016, 20, 23-37.	4.3	13
9	Investigating the inconsistency of ionospheric ROTI indices derived from GPS modernized L2C and legacy L2 P(Y) signals at low-latitude regions. GPS Solutions, 2017, 21, 783-796.	4.3	13
10	Low-latitude GNSS ionospheric scintillation dependence on magnetic field orientation and impacts on positioning. Journal of Geodesy, 2020, 94, 1.	3.6	12
11	Geomagnetic Storm Induced Mid-latitude Ionospheric Plasma Irregularities and Their Implications for GPS Positioning over North America: A Case Study. , 2020, , .		9
12	A Study on Ionospheric Irregularities and Associated Scintillations Using Multi-Constellation GNSS Observations. , 0, , .		3
13	Fast determination of geometric matrix in ionosphere tomographic inversion with unevenly spaced curvilinear voxels. GPS Solutions, 2022, 26, 1.	4.3	3
14	Time lags in Ionospheric Scintillation Response to Geomagnetic Storms: Alaska Observations. , 0, , .		2
15	Kinematic PPP Errors Associated with Ionospheric Plasma Irregularities during the 2015 St. Patrickâ€™s Day Storm. , 0, , .		2