Chenlong Deng

List of Publications by Year
in descending order

23 papers	361 citations	933447 10 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	207 citing authors

#	ARTICLE	IF	CITATIONS
1	Reliable single-epoch ambiguity resolution for short baselines using combined GPS/BeiDou system. GPS Solutions, 2014, 18, 375-386.	4.3	117
2	Triple-frequency carrier ambiguity resolution for Beidou navigation satellite system. GPS Solutions, 2014, 18, 335-344.	4.3	84
3	Modeling BDS pseudorange variations and models assessment. GPS Solutions, 2017, 21, 1661-1668.	4.3	20
4	An improved ionosphere interpolation algorithm for network RTK in low-latitude regions. GPS Solutions, 2018, 22, 1.	4.3	19
5	Visualization of GNSS multipath effects and its potential application in IGS data processing. Journal of Geodesy, 2021, 95, 1.	3.6	13
6	A comparative analysis of navigation signals in BDS-2 and BDS-3 using zero-baseline experiments. GPS Solutions, 2021, 25, 1.	4.3	12
7	Improved ambiguity resolution for URTK with dynamic atmosphere constraints. Journal of Geodesy, 2016, 90, 1359-1369.	3.6	11
8	Instantaneous BDSÂ+ÂGPS undifferenced NRTK positioning with dynamic atmospheric constraints. GPS Solutions, 2018, 22, 1.	4.3	11
9	Network-based triple-frequency carrier phase ambiguity resolution between reference stations using BDS data for long baselines. GPS Solutions, 2018, 22, 1.	4.3	11
10	Performance Analysis for BDS Phase-smoothed Pseudorange Differential Positioning. Journal of Navigation, 2016, 69, 1011-1023.	1.7	10
11	Investigation of Tightly Combined Single-Frequency and Single-Epoch Precise Positioning Using Multi-GNSS Data. Remote Sensing, 2020, 12, 285.	4.0	9
12	Multipath Error Fusion Modeling Methods for Multi-GNSS. Remote Sensing, 2021, 13, 2925.	4.0	9
13	Triple-Frequency Code-Phase Combination Determination: A Comparison with the Hatch-Melbourne-WÃ¼bbena Combination Using BDS Signals. Remote Sensing, 2018, 10, 353.	4.0	6
14	Regional modeling of tropospheric delay considering vertically and horizontally separation of station for regional augmented PPP. Advances in Space Research, 2020, 66, 2338-2348.	2.6	6
15	Precise capture of fish movement trajectories in complex environments via ultrasonic signal tag tracking. Fisheries Research, 2019, 219, 105307.	1.7	5
16	Reliable real-time triple-frequency cycle slip detection and recovery with adaptive detection thresholds. Measurement Science and Technology, 2019, 30, 055007.	2.6	5
17	A Novel Method for Mitigating the GPS Multipath Effect Based on a Multi-Point Hemispherical Grid Model. Remote Sensing, 2020, 12, 3045.	4.0	4
18	GPS + BDS Network Real-Time Differential Positioning Using a Position Domain Estimation Method. Remote Sensing, 2019, 11, 1480.	4.0	3

#	Article	IF	Citations
19	A New Fuzzy-Cluster-Based Cycle-Slip Detection Method for GPS Single-Frequency Observation. Remote Sensing, 2019, 11, 2896.	4.0	2
20	A Novel Method to Mitigate the Multipath Error for BDS-2 Dam Deformation Monitoring. Remote Sensing, 2021, 13, 1787.	4.0	2
21	Stability Analysis of Position Datum for Real-Time GPS/BDS/INS Positioning in a Platform System with Multiple Moving Devices. Remote Sensing, 2021, 13, 4764.	4.0	1
22	Model comparison and performance analysis of multi-frequency precise positioning with the joint BDS-2 and BDS-3 system. Advances in Space Research, 2022, 69, 3044-3058.	2.6	1
23	Initial Assessment of Galileo Triple-Frequency Ambiguity Resolution between Reference Stations in the Hong Kong Area. Remote Sensing, 2021, 13, 778.	4.0	0