

# Chenlong Deng

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Model comparison and performance analysis of multi-frequency precise positioning with the joint BDS-2 and BDS-3 system. <i>Advances in Space Research</i> , 2022, 69, 3044-3058.	2.6	1
2	Initial Assessment of Galileo Triple-Frequency Ambiguity Resolution between Reference Stations in the Hong Kong Area. <i>Remote Sensing</i> , 2021, 13, 778.	4.0	0
3	A Novel Method to Mitigate the Multipath Error for BDS-2 Dam Deformation Monitoring. <i>Remote Sensing</i> , 2021, 13, 1787.	4.0	2
4	Multipath Error Fusion Modeling Methods for Multi-GNSS. <i>Remote Sensing</i> , 2021, 13, 2925.	4.0	9
5	Visualization of GNSS multipath effects and its potential application in IGS data processing. <i>Journal of Geodesy</i> , 2021, 95, 1.	3.6	13
6	A comparative analysis of navigation signals in BDS-2 and BDS-3 using zero-baseline experiments. <i>GPS Solutions</i> , 2021, 25, 1.	4.3	12
7	Stability Analysis of Position Datum for Real-Time GPS/BDS/INS Positioning in a Platform System with Multiple Moving Devices. <i>Remote Sensing</i> , 2021, 13, 4764.	4.0	1
8	Regional modeling of tropospheric delay considering vertically and horizontally separation of station for regional augmented PPP. <i>Advances in Space Research</i> , 2020, 66, 2338-2348.	2.6	6
9	A Novel Method for Mitigating the GPS Multipath Effect Based on a Multi-Point Hemispherical Grid Model. <i>Remote Sensing</i> , 2020, 12, 3045.	4.0	4
10	Investigation of Tightly Combined Single-Frequency and Single-Epoch Precise Positioning Using Multi-GNSS Data. <i>Remote Sensing</i> , 2020, 12, 285.	4.0	9
11	GPS + BDS Network Real-Time Differential Positioning Using a Position Domain Estimation Method. <i>Remote Sensing</i> , 2019, 11, 1480.	4.0	3
12	Precise capture of fish movement trajectories in complex environments via ultrasonic signal tag tracking. <i>Fisheries Research</i> , 2019, 219, 105307.	1.7	5
13	Reliable real-time triple-frequency cycle slip detection and recovery with adaptive detection thresholds. <i>Measurement Science and Technology</i> , 2019, 30, 055007.	2.6	5
14	A New Fuzzy-Cluster-Based Cycle-Slip Detection Method for GPS Single-Frequency Observation. <i>Remote Sensing</i> , 2019, 11, 2896.	4.0	2
15	Instantaneous BDS+GPS undifferenced NRTK positioning with dynamic atmospheric constraints. <i>GPS Solutions</i> , 2018, 22, 1.	4.3	11
16	Network-based triple-frequency carrier phase ambiguity resolution between reference stations using BDS data for long baselines. <i>GPS Solutions</i> , 2018, 22, 1.	4.3	11
17	Triple-Frequency Code-Phase Combination Determination: A Comparison with the Hatch-Melbourne-WÄ¼bbena Combination Using BDS Signals. <i>Remote Sensing</i> , 2018, 10, 353.	4.0	6
18	An improved ionosphere interpolation algorithm for network RTK in low-latitude regions. <i>GPS Solutions</i> , 2018, 22, 1.	4.3	19

#	ARTICLE	IF	CITATIONS
19	Modeling BDS pseudorange variations and models assessment. GPS Solutions, 2017, 21, 1661-1668.	4.3	20
20	Performance Analysis for BDS Phase-smoothed Pseudorange Differential Positioning. Journal of Navigation, 2016, 69, 1011-1023.	1.7	10
21	Improved ambiguity resolution for URTK with dynamic atmosphere constraints. Journal of Geodesy, 2016, 90, 1359-1369.	3.6	11
22	Triple-frequency carrier ambiguity resolution for Beidou navigation satellite system. GPS Solutions, 2014, 18, 335-344.	4.3	84
23	Reliable single-epoch ambiguity resolution for short baselines using combined GPS/BeiDou system. GPS Solutions, 2014, 18, 375-386.	4.3	117