Kaifei He

List of Publications by Year
in descending order

29	333	840776 11	888059 17
papers	citations	h-index	g-index

30	30	30	286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sea surface topography retrieved from GNSS reflectometry phase data of the GEOHALO flight mission. Geophysical Research Letters, 2014, 41, 954-960.	4.0	52
2	An offshore real-time precise point positioning technique based on a single set of BeiDou short-message communication devices. Journal of Geodesy, 2020, 94, 1.	3.6	32
3	Investigation on underwater positioning stochastic model based on acoustic ray incidence angle. Applied Ocean Research, 2018, 77, 69-77.	4.1	29
4	Airborne Gravimetry of GEOHALO Mission: Data Processing and Gravity Field Modeling. Journal of Geophysical Research: Solid Earth, 2017, 122, 10,586.	3.4	23
5	GNSS navigation and positioning for the GEOHALO experiment in Italy. GPS Solutions, 2016, 20, 215-224.	4.3	17
6	Research into the integrated navigation of a deep-sea towed vehicle with USBL/DVL and pressure gauge. Applied Acoustics, 2020, 159, 107052.	3.3	16
7	Robust adaptive filter for shipborne kinematic positioning and velocity determination during the Baltic Sea experiment. GPS Solutions, 2018, 22, 1.	4.3	15
8	High-precision Ocean navigation with single set of BeiDou short-message device. Journal of Geodesy, 2019, 93, 1589-1602.	3.6	15
9	Shipborne gravimetry in the Baltic Sea: data processing strategies, crucial findings and preliminary geoid determination tests. Journal of Geodesy, 2019, 93, 1059-1071.	3.6	15
10	Performance Assessment of Multi-GNSS Precise Velocity and Acceleration Determination over Antarctica. Journal of Navigation, 2019, 72, 1-18.	1.7	14
11	Real-time stochastic model for precise underwater positioning. Applied Acoustics, 2019, 150, 36-43.	3.3	13
12	Orbit determination and thrust force modeling for a maneuvered GEO satellite using two-way adaptive Kalman filtering. Science China: Physics, Mechanics and Astronomy, 2012, 55, 738-743.	5.1	12
13	GNSS Precise Kinematic Positioning for Multiple Kinematic Stations Based on A Priori Distance Constraints. Sensors, 2016, 16, 470.	3.8	11
14	Ocean Real-Time Precise Point Positioning with the BeiDou Short-Message Service. Remote Sensing, 2020, 12, 4167.	4.0	11
15	Assessment of the Feasibility of PPP-B2b Service for Real-Time Coseismic Displacement Retrieval. Remote Sensing, 2021, 13, 5011.	4.0	9
16	Improving the Performance of Multi-GNSS (Global Navigation Satellite System) Ambiguity Fixing for Airborne Kinematic Positioning over Antarctica. Remote Sensing, 2019, 11, 992.	4.0	6
17	Accurate Multiple Ocean Bottom Seismometer Positioning in Shallow Water Using GNSS/Acoustic Technique. Sensors, 2019, 19, 1406.	3.8	6
18	Investigation on total adjustment of the transducer and seafloor transponder for GNSS/Acoustic precise underwater point positioning. Ocean Engineering, 2021, 221, 108533.	4.3	6

#	Article	IF	Citations
19	Multi-GNSS precise orbit positioning for airborne gravimetry over Antarctica. GPS Solutions, 2019, 23, 1.	4.3	5
20	A Novel Adaptive Two-Stage Information Filter Approach for Deep-Sea USBL/DVL Integrated Navigation. Sensors, 2020, 20, 6029.	3.8	5
21	An approach to improve the GPS positioning performance under urban environment conditions. Measurement: Journal of the International Measurement Confederation, 2016, 93, 414-420.	5.0	4
22	Investigation on Stochastic Model Refinement for Precise Underwater Positioning. IEEE Journal of Oceanic Engineering, 2020, 45, 1482-1496.	3.8	4
23	A Method to Correct the Raw Doppler Observations for GNSS Velocity Determination. International Association of Geodesy Symposia, 2020, , 1.	0.4	4
24	Integrated GNSS Doppler velocity determination for GEOHALO airborne gravimetry. GPS Solutions, 2021, 25, 1.	4.3	3
25	Accuracy Assessment of Sea Surface Height Measurement Obtained from Shipborne PPP Positioning. Journal of Surveying Engineering, - ASCE, 2021, 147, 04021022.	1.7	2
26	Single Epoch Ambiguity Resolution of Small-Scale CORS with Multi-Frequency GNSS. Remote Sensing, 2022, 14, 13.	4.0	2
27	Partial GNSS ambiguity resolution in coordinate domain. Survey Review, 2019, 51, 525-532.	1.2	1
28	Improving the Performance of Time-Relative GNSS Precise Positioning in Remote Areas. Sensors, 2021, 21, 292.	3.8	1
29	An improved energy balance approach and its application in CHAMP gravity field recovery. Geo-Spatial Information Science, 2008, 11, 168-173.	5.3	0