

# Wanke Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,779  
citations

706676

14  
h-index

759306

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3188  
citing authors

#	ARTICLE	IF	CITATIONS
1	An enhanced foot-mounted PDR method with adaptive ZUPT and multi-sensors fusion for seamless pedestrian navigation. <i>GPS Solutions</i> , 2022, 26, 1.	2.2	12
2	Deep Learning for Global Ionospheric TEC Forecasting: Different Approaches and Validation. <i>Space Weather</i> , 2022, 20, .	1.3	23
3	Baseline length constraint approaches for enhancing GNSS ambiguity resolution: comparative study. <i>GPS Solutions</i> , 2021, 25, 1.	2.2	15
4	Single-epoch RTK performance assessment of tightly combined BDS-2 and newly complete BDS-3. <i>Satellite Navigation</i> , 2021, 2, .	4.6	18
5	Performance Assessment of BDS-2/BDS-3/GPS/Galileo Attitude Determination Based on the Single-Differenced Model with Common-Clock Receivers. <i>Remote Sensing</i> , 2021, 13, 4845.	1.8	7
6	Initial results of distributed autonomous orbit determination for Beidou BDS-3 satellites based on inter-satellite link measurements. <i>GPS Solutions</i> , 2020, 24, 1.	2.2	15
7	Comparison of Beidou autonomous navigation performance using the SRP model and onboard accelerometers. <i>Acta Astronautica</i> , 2020, 173, 183-194.	1.7	3
8	Dual-Antenna GNSS Integrated With MEMS for Reliable and Continuous Attitude Determination in Challenged Environments. <i>IEEE Sensors Journal</i> , 2019, 19, 3449-3461.	2.4	26
9	Differential Inter-System Biases Estimation and Initial Assessment of Instantaneous Tightly Combined RTK with BDS-3, GPS, and Galileo. <i>Remote Sensing</i> , 2019, 11, 1430.	1.8	23
10	Walker: Continuous and Precise Navigation by Fusing GNSS and MEMS in Smartphone Chipsets for Pedestrians. <i>Remote Sensing</i> , 2019, 11, 139.	1.8	20
11	A Triple Checked Partial Ambiguity Resolution for GPS/BDS RTK Positioning. <i>Sensors</i> , 2019, 19, 5034.	2.1	7
12	Tightly combined GPS/Galileo RTK for short and long baselines: Model and performance analysis. <i>Advances in Space Research</i> , 2019, 63, 2003-2020.	1.2	9
13	Influencing Factors of GNSS Differential Inter-System Bias and Performance Assessment of Tightly Combined GPS, Galileo, and QZSS Relative Positioning for Short Baseline. <i>Journal of Navigation</i> , 2019, 72, 965-986.	1.0	15
14	A New Method for GNSS Multipath Mitigation with an Adaptive Frequency Domain Filter. <i>Sensors</i> , 2018, 18, 2514.	2.1	8
15	A New Real-Time Cycle Slip Detection and Repair Method under High Ionospheric Activity for a Triple-Frequency GPS/BDS Receiver. <i>Sensors</i> , 2018, 18, 427.	2.1	30
16	Characteristics of systematic errors in the BDS Hatchâ€“Melbourneâ€“WÃ¼bbena combination and its influence on wide-lane ambiguity resolution. <i>GPS Solutions</i> , 2017, 21, 265-277.	2.2	33
17	Initial assessment of the COMPASS/BeiDou-3: new-generation navigation signals. <i>Journal of Geodesy</i> , 2017, 91, 1225-1240.	1.6	149
18	Long-term behavior and statistical characterization of BeiDou signal-in-space errors. <i>GPS Solutions</i> , 2017, 21, 1907-1922.	2.2	37

#	ARTICLE	IF	CITATIONS
19	Tightly Combined BeiDou B2 and Galileo E5b Signals for Precise Relative Positioning. Journal of Navigation, 2017, 70, 1253-1266.	1.0	10
20	Algorithm and Experimental Analysis of Medium-Long Baseline Static Positioning Based on BeiDou Dual-Frequency Observations. Lecture Notes in Electrical Engineering, 2017, , 239-249.	0.3	0
21	Instantaneous Real-Time Kinematic Decimeter-Level Positioning with BeiDou Triple-Frequency Signals over Medium Baselines. Sensors, 2016, 16, 1.	2.1	1,274
22	Mitigating BeiDou Satellite-Induced Code Bias: Taking into Account the Stochastic Model of Corrections. Sensors, 2016, 16, 909.	2.1	31
23	Receiver Time Misalignment Correction for GPS-based Attitude Determination. Journal of Navigation, 2015, 68, 646-664.	1.0	13
24	Compare of navigation constellations' GDOP with different construction. , 2011, , .		1