

# Wanke Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10233122/publications.pdf>

Version: 2024-02-01

24  
papers

1,779  
citations

623734

14  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Instantaneous Real-Time Kinematic Decimeter-Level Positioning with BeiDou Triple-Frequency Signals over Medium Baselines. <i>Sensors</i> , 2016, 16, 1.	3.8	1,274
2	Initial assessment of the COMPASS/BeiDou-3: new-generation navigation signals. <i>Journal of Geodesy</i> , 2017, 91, 1225-1240.	3.6	149
3	Long-term behavior and statistical characterization of BeiDou signal-in-space errors. <i>GPS Solutions</i> , 2017, 21, 1907-1922.	4.3	37
4	Characteristics of systematic errors in the BDS Hatch+Melbourne+WBena combination and its influence on wide-lane ambiguity resolution. <i>GPS Solutions</i> , 2017, 21, 265-277.	4.3	33
5	Mitigating BeiDou Satellite-Induced Code Bias: Taking into Account the Stochastic Model of Corrections. <i>Sensors</i> , 2016, 16, 909.	3.8	31
6	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.	3.8	30
7	Dual-Antenna GNSS Integrated With MEMS for Reliable and Continuous Attitude Determination in Challenged Environments. <i>IEEE Sensors Journal</i> , 2019, 19, 3449-3461.	4.7	26
8	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.	4.0	23
9	Deep Learning for Global Ionospheric TEC Forecasting: Different Approaches and Validation. <i>Space Weather</i> , 2022, 20, .	3.7	23
10	Walker: Continuous and Precise Navigation by Fusing GNSS and MEMS in Smartphone Chipsets for Pedestrians. <i>Remote Sensing</i> , 2019, 11, 139.	4.0	20
11	Single-epoch RTK performance assessment of tightly combined BDS-2 and newly complete BDS-3. <i>Satellite Navigation</i> , 2021, 2, .	8.6	18
12	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.	1.7	15
13	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.	4.3	15
14	Baseline length constraint approaches for enhancing GNSS ambiguity resolution: comparative study. <i>GPS Solutions</i> , 2021, 25, 1.	4.3	15
15	Receiver Time Misalignment Correction for GPS-based Attitude Determination. <i>Journal of Navigation</i> , 2015, 68, 646-664.	1.7	13
16	An enhanced foot-mounted PDR method with adaptive ZUPT and multi-sensors fusion for seamless pedestrian navigation. <i>GPS Solutions</i> , 2022, 26, 1.	4.3	12
17	Tightly Combined BeiDou B2 and Galileo E5b Signals for Precise Relative Positioning. <i>Journal of Navigation</i> , 2017, 70, 1253-1266.	1.7	10
18	Tightly combined GPS/Galileo RTK for short and long baselines: Model and performance analysis. <i>Advances in Space Research</i> , 2019, 63, 2003-2020.	2.6	9

#	ARTICLE	IF	CITATIONS
19	A New Method for GNSS Multipath Mitigation with an Adaptive Frequency Domain Filter. Sensors, 2018, 18, 2514.	3.8	8
20	A Triple Checked Partial Ambiguity Resolution for GPS/BDS RTK Positioning. Sensors, 2019, 19, 5034.	3.8	7
21	Performance Assessment of BDS-2/BDS-3/GPS/Galileo Attitude Determination Based on the Single-Differenced Model with Common-Clock Receivers. Remote Sensing, 2021, 13, 4845.	4.0	7
22	Comparison of Beidou autonomous navigation performance using the SRP model and onboard accelerometers. Acta Astronautica, 2020, 173, 183-194.	3.2	3
23	Compare of navigation constellations' GDOP with different construction. , 2011, , .		1
24	Algorithm and Experimental Analysis of Medium-Long Baseline Static Positioning Based on BeiDou Dual-Frequency Observations. Lecture Notes in Electrical Engineering, 2017, , 239-249.	0.4	0