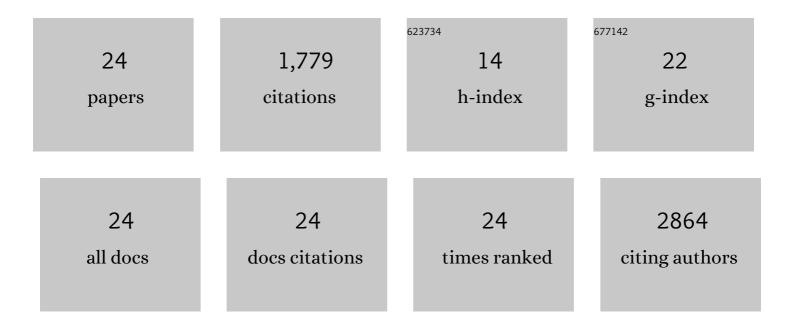
Wanke Liu

List of Publications by Year in descending order

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MANKELIII

#	Article	IF	CITATIONS
1	Instantaneous Real-Time Kinematic Decimeter-Level Positioning with BeiDou Triple-Frequency Signals over Medium Baselines. Sensors, 2016, 16, 1.	3.8	1,274
2	Initial assessment of the COMPASS/BeiDou-3: new-generation navigation signals. Journal of Geodesy, 2017, 91, 1225-1240.	3.6	149
3	Long-term behavior and statistical characterization of BeiDou signal-in-space errors. GPS Solutions, 2017, 21, 1907-1922.	4.3	37
4	Characteristics of systematic errors in the BDS Hatch–Melbourne–Wübbena combination and its influence on wide-lane ambiguity resolution. GPS Solutions, 2017, 21, 265-277.	4.3	33
5	Mitigating BeiDou Satellite-Induced Code Bias: Taking into Account the Stochastic Model of Corrections. Sensors, 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. Sensors, 2018, 18, 427.	3.8	30
7	Dual-Antenna GNSS Integrated With MEMS for Reliable and Continuous Attitude Determination in Challenged Environments. IEEE Sensors Journal, 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. Remote Sensing, 2019, 11, 1430.	4.0	23
9	Deep Learning for Global Ionospheric TEC Forecasting: Different Approaches and Validation. Space Weather, 2022, 20, .	3.7	23
10	Walker: Continuous and Precise Navigation by Fusing GNSS and MEMS in Smartphone Chipsets for Pedestrians. Remote Sensing, 2019, 11, 139.	4.0	20
11	Single-epoch RTK performance assessment of tightly combined BDS-2 and newly complete BDS-3. Satellite Navigation, 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. Journal of Navigation, 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. GPS Solutions, 2020, 24, 1.	4.3	15
14	Baseline length constraint approaches for enhancing GNSS ambiguity resolution: comparative study. GPS Solutions, 2021, 25, 1.	4.3	15
15	Receiver Time Misalignment Correction for GPS-based Attitude Determination. Journal of Navigation, 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. GPS Solutions, 2022, 26, 1.	4.3	12
17	Tightly Combined BeiDou B2 and Galileo E5b Signals for Precise Relative Positioning. Journal of Navigation, 2017, 70, 1253-1266.	1.7	10
18	Tightly combined GPS/Galileo RTK for short and long baselines: Model and performance analysis. Advances in Space Research, 2019, 63, 2003-2020.	2.6	9

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#	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