Dingjie Wang

List of Publications by Year
in descending order

10 papers	209 citations	1307594 7 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	206 citing authors

#	Article	IF	Citations
1	In-flight initial alignment for small UAV MEMS-based navigation via adaptive unscented Kalman filtering approach. Aerospace Science and Technology, 2017, 61, 73-84.	4.8	63
2	Constrained MEMS-Based GNSS/INS Tightly Coupled System With Robust Kalman Filter for Accurate Land Vehicular Navigation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5138-5148.	4.7	58
3	Tightly Coupled GNSS/INS Integration with Robust Sequential Kalman Filter for Accurate Vehicular Navigation. Sensors, 2020, 20, 561.	3.8	27
4	Using Allan variance to improve stochastic modeling for accurate GNSS/INS integrated navigation. GPS Solutions, 2018, 22, 1.	4.3	23
5	A novel SINS/CNS Integrated Navigation Method Using Model Constraints for Ballistic Vehicle Applications. Journal of Navigation, 2017, 70, 1415-1437.	1.7	13
6	Low-latency, high-rate, high-precision relative positioning with moving base in real time. GPS Solutions, 2020, 24, 1.	4.3	11
7	Novel In-flight Coarse Alignment of Low-cost Strapdown Inertial Navigation System for Unmanned Aerial Vehicle Applications. Transactions of the Japan Society for Aeronautical and Space Sciences, 2016, 59, 10-17.	0.7	8
8	A real-time inertial-aided cycle slip detection method based on ARIMA-GARCH model for inaccurate lever arm conditions. GPS Solutions, 2021, 25, 1.	4.3	6
9	Using Multi-Antenna Trajectory Constraint to Analyze BeiDou Carrier-Phase Observation Error of Dynamic Receivers. Sensors, 2021, 21, 6930.	3.8	0
10	Real-Time Precise DGNSS/INS Integrated Relative Positioning with High Output Rate and Low Broadcast Rate for Kinematic-to-Kinematic Applications. Remote Sensing, 2022, 14, 2053.	4.0	0