

Pin Lyu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Graph-optimisation-based self-calibration method for IMU/odometer using preintegration theory. Journal of Navigation, 2022, 75, 594-613.	1.7	1
2	Improved Preintegration Method for GNSS/IMU/In-Vehicle Sensors Navigation Using Graph Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 11446-11457.	6.3	11
3	High-Precision Positioning Method of Coal Shearer in underground environment based on Rail Kinematics Model (October 2021). IEEE Access, 2021, , 1-1.	4.2	1
4	Optimal Time Difference-Based TDCP-GPS/IMU Navigation Using Graph Optimization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	15
5	Effective aerial monitoring of cyanobacterial harmful algal blooms is dependent on understanding cellular migration. Harmful Algae, 2019, 87, 101620.	4.8	8
6	A Novel Fault-Tolerant Navigation and Positioning Method with Stereo-Camera/Micro Electro Mechanical Systems Inertial Measurement Unit (MEMS-IMU) in Hostile Environment. Micromachines, 2018, 9, 626.	2.9	9
7	Autonomous cyanobacterial harmful algal blooms monitoring using multirotor UAS. International Journal of Remote Sensing, 2017, 38, 2818-2843.	2.9	26
8	A Model-aided Optical Flow/Inertial Sensor Fusion Method for a Quadrotor. Journal of Navigation, 2017, 70, 325-341.	1.7	11
9	The BDS receiver tracking loop based on the weight adjustment and adaptive bandwidth. , 2017, , .		0
10	Rotorcraft seamless navigation method based on hybrid multi-model filter and aerodynamic model. , 2016, , .		1
11	A Kalman filter algorithm based on exact modeling for FOG GPS/SINS integration. Optik, 2014, 125, 3476-3481.	2.9	9
12	Homologous fault monitoring technology of redundant INS in airborne avionics systems. Journal of Systems Engineering and Electronics, 2013, 24, 1038-1044.	2.2	10
13	Noncommutativity Error Analysis of Strapdown Inertial Navigation System under the Vibration in UAVs. International Journal of Advanced Robotic Systems, 2012, 9, 136.	2.1	17
14	Analysis of coning motion caused by turntable's vibration in rotation inertial navigation system. , 2012, , .		5