Fj Qin

List of Publications by Year
in descending order

11 papers	224 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	162 citing authors

#	ARTICLE	IF	CITATIONS
1	Strapdown inertial navigation system alignment based on marginalised unscented Kalman filter. IET Science, Measurement and Technology, 2013, 7, 128-138.	1.6	69
2	Strapdown Inertial Navigation System Initial Alignment Based on Modified Process Model. IEEE Sensors Journal, 2019, 19, 6381-6391.	4.7	34
3	Inertial-Based Integration With Transformed INS Mechanization in Earth Frame. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1738-1749.	5.8	32
4	Strapdown Inertial Navigation System Initial Alignment Based on Group of Double Direct Spatial Isometries. IEEE Sensors Journal, 2022, 22, 803-818.	4.7	31
5	Gravity Disturbance Compensation for Inertial Navigation System. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3751-3765.	4.7	30
6	A Real-Time Gravity Compensation Method for INS Based on BPNN. IEEE Sensors Journal, 2021, 21, 13584-13593.	4.7	10
7	A Hybrid Method for Dealing With DVL Faults of SINS/DVL Integrated Navigation System. IEEE Sensors Journal, 2022, 22, 15844-15854.	4.7	9
8	Phase Modulation-Based SINS Damping Method for Autonomous Vehicles. IEEE Sensors Journal, 2018, 18, 2483-2493.	4.7	6
9	A Vibration Signal Denoising Method of Marine Atomic Gravimeter Based on Improved Variational Mode Decomposition. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	1.2	2
10	The Quaternion Based Error Model Based on SE(3) of the INS. IEEE Sensors Journal, 2022, 22, 13067-13077.	4.7	1
11	A New Robust Adaptive Filter Aided by Machine Learning Method for SINS/DVL Integrated Navigation System. Sensors, 2022, 22, 3792.	3.8	0