

Zhang Xiaoming

List of Publications by Year in descending order

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1163117

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#	ARTICLE	IF	CITATIONS
1	A New Quaternion-Based Kalman Filter for Real-Time Attitude Estimation Using the Two-Step Geometrically-Intuitive Correction Algorithm. <i>Sensors</i> , 2017, 17, 2146.	3.8	70
2	An Improved Strong Tracking Cubature Kalman Filter for GPS/INS Integrated Navigation Systems. <i>Sensors</i> , 2018, 18, 1919.	3.8	35
3	Hybrid de-noising approach for fiber optic gyroscopes combining improved empirical mode decomposition and forward linear prediction algorithms. <i>Review of Scientific Instruments</i> , 2016, 87, 033305.	1.3	29
4	Calibration of triaxial MEMS vector field measurement system. <i>IET Science, Measurement and Technology</i> , 2014, 8, 601-609.	1.6	23
5	A Noise Reduction Method for Dual-Mass Micro-Electromechanical Gyroscopes Based on Sample Entropy Empirical Mode Decomposition and Time-Frequency Peak Filtering. <i>Sensors</i> , 2016, 16, 796.	3.8	19
6	Influence of size parameters and magnetic field intensity upon the amplification characteristics of magnetic flux concentrators. <i>AIP Advances</i> , 2018, 8, .	1.3	19
7	Augmented nonlinear differentiator design and application to nonlinear uncertain systems. <i>ISA Transactions</i> , 2017, 67, 30-46.	5.7	16
8	Study on magnetocapacitance effect of magnetic particle polymer matrix composite system by finite element method. <i>Results in Physics</i> , 2017, 7, 2334-2340.	4.1	9
9	Effect of forest vegetation on runoff and sediment production in sloping lands of Loess area. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 336-342.	0.2	8
10	A Real-Time Estimation Method of Roll Angle and Angular Rate Based on Geomagnetic Information. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-11.	1.1	5
11	Effects of forest vegetation on runoff and sediment transport of watershed in Loess area, west China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2007, 2, 163-168.	0.2	3
12	Orientation Kinetics of Screw-Axial Vibration on Glass Fiber Reinforced Polypropylene Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2008, 47, 186-198.	1.9	3
13	A New Model for Simulating the Imbibition of a Wetting-Phase Fluid in a Matrix-Fracture Dual Connectivity System. <i>Geofluids</i> , 2022, 2022, 1-18.	0.7	1