

Jie Wu

List of Publications by Year in descending order

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docs citations

23
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279
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	Nonlinear hierarchy-structured predictive control design for a generic hypersonic vehicle. Science China Technological Sciences, 2013, 56, 2025-2036.	4.0	39
4	Tightly Coupled GNSS/INS Integration with Robust Sequential Kalman Filter for Accurate Vehicular Navigation. Sensors, 2020, 20, 561.	3.8	27
5	Sliding mode decoupling control of a generic hypersonic vehicle based on parametric commands. Science China Information Sciences, 2015, 58, 1-14.	4.3	23
6	Using Allan variance to improve stochastic modeling for accurate GNSS/INS integrated navigation. GPS Solutions, 2018, 22, 1.	4.3	23
7	A Comprehensive Evaluation Method of Sensor Selection for PHM Based on Grey Clustering. Sensors, 2020, 20, 1710.	3.8	20
8	A novel SINS/CNS Integrated Navigation Method Using Model Constraints for Ballistic Vehicle Applications. Journal of Navigation, 2017, 70, 1415-1437.	1.7	13
9	An Efficient Implementation of Fixed Failure-Rate Ratio Test for GNSS Ambiguity Resolution. Sensors, 2016, 16, 945.	3.8	12
10	Low-latency, high-rate, high-precision relative positioning with moving base in real time. GPS Solutions, 2020, 24, 1.	4.3	11
11	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
12	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
13	A Method of False Alarm Recognition Based on k-Nearest Neighbor. , 2017, , .		5
14	Investigation on single-star stellar-inertial guidance principle using equivalent information compression theory. Science in China Series D: Earth Sciences, 2009, 52, 2924-2929.	0.9	3
15	Autonomous Navigation Based on Stellar Refraction for Elliptic Orbit Spacecraft. , 2010, , .		2
16	Attitude control of low-orbit micro-satellite with active magnetic torque and aerodynamic torque. , 2010, , .		1
17	A method of fault alarm recognition based on hidden Markov model. , 2016, , .		1
18	Missile longitudinal autopilot design using a generalized extended state observer-based mixed H ₂ /H _∞ control method. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 4704-4720.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Optimal predictive controller design for reentry vehicle. , 2013, , .		0
20	Integrated Guidance and Control for a Hypersonic Vehicle with Recursive H8 Method. , 2016, , .		0
21	A method for false alarm recognition considering threshold. , 2019, , .		0
22	Using Multi-Antenna Trajectory Constraint to Analyze BeiDou Carrier-Phase Observation Error of Dynamic Receivers. Sensors, 2021, 21, 6930.	3.8	0
23	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