

Huapeng Yu

List of Publications by Year in descending order

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11
papers

86
citations

1683934

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1872570

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g-index

11
all docs

11
docs citations

11
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic observability-based analytic optimization of SINS multiposition alignment. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2181-2192.	2.6	25
2	Higher-order Rotation Vector Attitude Updating Algorithm. Journal of Navigation, 2019, 72, 721-740.	1.0	21
3	Systematic Angle Random Walk Estimation of the Constant Rate Biased Ring Laser Gyro. Sensors, 2013, 13, 2750-2762.	2.1	19
4	A Stationary North-Finding Scheme for an Azimuth Rotational IMU Utilizing a Linear State Equality Constraint. Sensors, 2015, 15, 4368-4387.	2.1	7
5	Bottom Detection Method of Side-Scan Sonar Image for AUV Missions. Complexity, 2020, 2020, 1-9.	0.9	7
6	Robust Kalman filtering for attitude estimation using low-cost MEMS-based sensors. , 2014, , .		3
7	A control theory approach to optimizing turntable rate for single-axis rotary strapdown inertial navigation system. , 2015, , .		2
8	A novel filtering model for DVL aided inertial navigation system based on observability degree analysis. , 2016, , .		1
9	Observability Degree-Based AUV Single Beacon Navigation Trajectory Optimization with Range-Only Measurements. Complexity, 2018, 2018, 1-10.	0.9	1
10	Analytic Optimization of Implemented Discrete Time for Kalman Filter during Stationary North-Finding. Applied Mechanics and Materials, 0, 511-512, 857-861.	0.2	0
11	Position Correction and Trajectory Optimization of Underwater Long-Distance Navigation Inspired by Sea Turtle Migration. Journal of Marine Science and Engineering, 2022, 10, 163.	1.2	0