

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

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docs citations

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times ranked

109
citing authors

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