

Mojtaba Hashemi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2328288/publications.pdf>

Version: 2024-02-01

14
papers

175
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	INS-DVL Navigation Improvement Using Rotational Motion Dynamic Model of AUV. IEEE Sensors Journal, 2020, 20, 14329-14336.	4.7	31
2	Toward Calibration of Low-Precision MEMS IMU Using a Nonlinear Model and TUKF. IEEE Sensors Journal, 2020, 20, 4131-4138.	4.7	30
3	Integrated fault estimation and fault tolerant control for systems with generalized sector input nonlinearity. Automatica, 2020, 119, 109098.	5.0	21
4	Design and practical implementation of kinematic constraints in Inertial Navigation System-Doppler Velocity Log (INS-DVL)-based navigation. Navigation, Journal of the Institute of Navigation, 2018, 65, 629-642.	2.8	20
5	Saturated fault tolerant control based on partially decoupled unknown input observer: a new integrated design strategy. IET Control Theory and Applications, 2019, 13, 2104-2113.	2.1	14
6	Designing a hand rest tremor dynamic vibration absorber using H 2 optimization method. Journal of Mechanical Science and Technology, 2014, 28, 1609-1614.	1.5	13
7	Implementation of Translational Motion Dynamics for INS Data Fusion in DVL Outage in Underwater Navigation. IEEE Sensors Journal, 2021, 21, 6652-6659.	4.7	13
8	Pseudo DVL reconstruction by an evolutionary TS-fuzzy algorithm for ocean vehicles. Measurement: Journal of the International Measurement Confederation, 2019, 147, 106831.	5.0	12
9	Integrated Fault Tolerant Control for Saturated Systems with Additive Faults: A Comparative Study of Saturation Models. International Journal of Control, Automation and Systems, 2019, 17, 1019-1030.	2.7	6
10	New fault detection and fault-tolerant scheme for Doppler velocity logger outage in ocean navigation systems. Journal of Navigation, 2021, 74, 409-424.	1.7	6
11	Enhancing the Robustness of INS-DVL Navigation Using Rotational Model of AUV in the Presence of Model Uncertainty. IEEE Sensors Journal, 2022, 22, 10931-10939.	4.7	5
12	Model identification of a Marine robot in presence of IMU-DVL misalignment using TUKF. Ocean Engineering, 2020, 206, 107344.	4.3	4
13	Fast adaptive fault estimation for linear system with actuator effectiveness loss and unmatched unknown inputs. , 2016, , .		0
14	A Memory-Based Filter for Long-Term Error De-Noising of MEMS-Gyros. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	0