

Mohamed Maher Mohamed Atia

List of Publications by Year in descending order

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9
papers

225
citations

1937685

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1720034

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9
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	INS/GPS/LiDAR Integrated Navigation System for Urban and Indoor Environments Using Hybrid Scan Matching Algorithm. <i>Sensors</i> , 2015, 15, 23286-23302.	3.8	129
2	A Low-Cost Lane-Determination System Using GNSS/IMU Fusion and HMM-Based Multistage Map Matching. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 3027-3037.	8.0	45
3	An Enhanced Error Model for EKF-Based Tightly-Coupled Integration of GPS and Land Vehicle's Motion Sensors. <i>Sensors</i> , 2015, 15, 24269-24296.	3.8	14
4	A Novel Design Framework for Tightly Coupled IMU/GNSS Sensor Fusion Using Inverse-Kinematics, Symbolic Engines, and Genetic Algorithms. <i>IEEE Sensors Journal</i> , 2019, 19, 11424-11436.	4.7	11
5	An Indoor Navigation System using Stereo Vision, IMU and UWB Sensor Fusion. , 2019, , .		9
6	Deception in A Multi-agent Adversarial Game: The Game of Guarding Several Territories. , 2020, , .		6
7	An efficient tuning framework for Kalman filter parameter optimization using design of experiments and genetic algorithms. <i>Navigation, Journal of the Institute of Navigation</i> , 2020, 67, 775-793.	2.8	5
8	Design and simulation of sensor fusion using symbolic engines. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2019, 25, 40-62.	2.2	4
9	Multi-Sensor Integrated Navigation in Urban and Indoor Environments. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2018, , 397-442.	0.4	2