

Mohd Rizal Arshad

List of Publications by Year in descending order

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14
papers

189
citations

1478505

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14
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14
docs citations

14
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review of Coverage Path Planning in Robotics Using Classical and Heuristic Algorithms. IEEE Access, 2021, 9, 119310-119342.	4.2	69
2	Underactuated Coupled Nonlinear Adaptive Control Synthesis Using U-Model for Multivariable Unmanned Marine Robotics. IEEE Access, 2020, 8, 1851-1865.	4.2	19
3	Effect of low-frequency electromagnetic fields on the Escherichia coli growth for application in riverbank filtration. AIP Conference Proceedings, 2017, , .	0.4	1
4	Characterization of Microfluidic-Based Acoustic Sensor for Immersion Application. IEEE Sensors Journal, 2015, 15, 1559-1566.	4.7	5
5	One-Side-Electrode-Type Fluidic-Based Capacitive Pressure Sensor. IEEE Sensors Journal, 2015, 15, 1738-1746.	4.7	15
6	Response Analyses of Micro-Ultrasonic Sensor Devices for Underwater Robotic Applications. International Journal of Social Robotics, 2012, 4, 49-57.	4.6	2
7	Modeling of biomimetic flow sensor based fish dome shaped cupula using PDMS for underwater sensing. , 2012, , .		1
8	Numerical simulation of the microchannel for the microfluidic based flow sensor. , 2012, , .		0
9	Composite video transmission as current overlay using the powerline concept of FAMPLC in the Remotely Operated Vehicle. , 2011, , .		2
10	Vibration analysis of pMUT with polymer adhesion layer. , 2011, , .		0
11	Vertical motion simulation and analysis of USM underwater glider. , 2011, , .		2
12	Assessment of quality of fruits using impedance spectroscopy. International Journal of Food Science and Technology, 2011, 46, 1303-1309.	2.7	41
13	Review of MEMS flow sensors based on artificial hair cell sensor. Microsystem Technologies, 2011, 17, 1417-1426.	2.0	19
14	Robotics Vision-based Heuristic Reasoning for Underwater Target Tracking and Navigation. International Journal of Advanced Robotic Systems, 2005, 2, 25.	2.1	13