

Mohamed H Abdelbarr

List of Publications by Year in descending order

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9
papers

155
citations

1683354

5
h-index

1719596

7
g-index

9
all docs

9
docs citations

9
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Inexpensive Multimodal Sensor Fusion System for Autonomous Data Acquisition of Road Surface Conditions. IEEE Sensors Journal, 2016, 16, 7731-7743.	2.4	45
2	3D dynamic displacement-field measurement for structural health monitoring using inexpensive RGB-D based sensor. Smart Materials and Structures, 2017, 26, 125016.	1.8	33
3	Color and depth data fusion using an RGB-D sensor for inexpensive and contactless dynamic displacement-field measurement. Structural Control and Health Monitoring, 2017, 24, e2000.	1.9	26
4	Reconfigurable swarm robots for structural health monitoring: a brief review. International Journal of Intelligent Robotics and Applications, 2017, 1, 287-305.	1.6	23
5	Self-powered piezo-floating-gate sensors for health monitoring of steel plates. Engineering Structures, 2017, 148, 584-601.	2.6	20
6	Decomposition Approach for Damage Detection, Localization, and Quantification for a 52-Story Building in Downtown Los Angeles. Journal of Engineering Mechanics - ASCE, 2020, 146, .	1.6	5
7	Fusing State-Space and Data-Driven Strategies for Computational Shock Response Prediction. AIAA Journal, 2018, 56, 2308-2321.	1.5	2
8	A Re-configurable Testbed Structure for System Identification Studies of Uncertain Nonlinear Systems. International Journal of Civil Engineering, 0, , 1.	0.9	1
9	Color and depth data fusion using an RGB-D sensor for inexpensive and contactless dynamic displacement-field measurement. Structural Control and Health Monitoring, 2018, 25, e2198.	1.9	0