Haemin Jeon

List of Publications by Year
in descending order

12 papers	**508** citations	1040056 **9** h-index	1199594 **12** g-index
12 all docs	**12** docs citations	**12** times ranked	**494** citing authors

#	Article	IF	Citations
1	Application of Crack Identification Techniques for an Aging Concrete Bridge Inspection Using an Unmanned Aerial Vehicle. Sensors, 2018, 18, 1881.	3.8	162
2	Concrete crack detection and quantification using deep learning and structured light. Construction and Building Materials, 2020, 252, 119096.	7.2	110
3	Defect identification in composite materials via thermography and deep learning techniques. Composite Structures, 2020, 246, 112405.	5.8	79
4	A theoretical study on the piezoresistive response of carbon nanotubes embedded in polymer nanocomposites in an elastic region. Carbon, 2017, 120, 427-437.	10.3	41
5	Electrical resistivity reduction with pitch-based carbon fiber into multi-walled carbon nanotube (MWCNT)-embedded cement composites. Construction and Building Materials, 2018, 165, 484-493.	7.2	32
6	Application of machine learning methods to predict a thermal conductivity model for compacted bentonite. Annals of Nuclear Energy, 2020, 142, 107395.	1.8	27
7	Automated generation of carbon nanotube morphology in cement composite via data-driven approaches. Composites Part B: Engineering, 2019, 167, 51-62.	12.0	20
8	A combined analytical formulation and genetic algorithm to analyze the nonlinear damage responses of continuous fiber toughened composites. Computational Mechanics, 2017, 60, 393-408.	4.0	12
9	A computational framework for quantifying reactivity of fly ash in cement pastes from backscattered electron images. Construction and Building Materials, 2019, 200, 630-636.	7.2	10
10	Deep Learning-Based Concrete Surface Damage Monitoring Method Using Structured Lights and Depth Camera. Sensors, 2021, 21, 2759.	3.8	10
11	Port Structure Inspection Based on 6-DOF Displacement Estimation Combined with Homography Formulation and Genetic Algorithm. Applied Sciences (Switzerland), 2021, 11, 6470.	2.5	3
12	Simplified Methodology for Urban Flood Damage Assessment at Building Scale using Open Data. Journal of Coastal Research, 2018, 85, 1396-1400.	0.3	2