

Ali Majeed Al-Dahawi

List of Publications by Year in descending order

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17
papers

689
citations

933410

10
h-index

888047

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18
all docs

18
docs citations

18
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of mixing methods on the electrical properties of cementitious composites incorporating different carbon-based materials. Construction and Building Materials, 2016, 104, 160-168.	7.2	160
2	Electrical percolation threshold of cementitious composites possessing self-sensing functionality incorporating different carbon-based materials. Smart Materials and Structures, 2016, 25, 105005.	3.5	145
3	Assessment of self-sensing capability of Engineered Cementitious Composites within the elastic and plastic ranges of cyclic flexural loading. Construction and Building Materials, 2017, 145, 1-10.	7.2	112
4	Piezoresistive behavior of CF- and CNT-based reinforced concrete beams subjected to static flexural loading: Shear failure investigation. Construction and Building Materials, 2018, 168, 266-279.	7.2	100
5	Self-sensing capability of Engineered Cementitious Composites: Effects of aging and loading conditions. Construction and Building Materials, 2020, 231, 117132.	7.2	76
6	Self-monitoring of flexural fatigue damage in large-scale steel-reinforced cementitious composite beams. Cement and Concrete Composites, 2021, 123, 104183.	10.7	16
7	Self-Sensing of Flexural Damage in Large-Scale Steel-Reinforced Mortar Beams. ACI Materials Journal, 2019, 116, .	0.2	15
8	Physical and Chemical Actions of Nano-Mineral Additives on Properties of High-Volume Fly Ash Engineered Cementitious Composites. ACI Materials Journal, 2016, 113, .	0.2	14
9	Effect of curing age on the self-sensing behavior of carbon-based engineered cementitious composites (ECC) under monotonic flexural loading scenario. MATEC Web of Conferences, 2018, 162, 01034.	0.2	11
10	Carbon Fiber-Reinforced Asphalt Concrete: An Investigation of Some Electrical and Mechanical Properties. IOP Conference Series: Materials Science and Engineering, 2020, 737, 012122.	0.6	10
11	Development of gravitational search algorithm model for predicting packing density of cementitious pastes. Journal of Building Engineering, 2020, 27, 100946.	3.4	9
12	Analysis of traffic accident severity in Baghdad city using Binary Logistic Regression Model. IOP Conference Series: Materials Science and Engineering, 2020, 737, 012140.	0.6	7
13	Mechanical and Piezoresistive Properties of Fibre Reinforced Concrete Pavement. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012031.	0.6	4
14	Analysis of Road Accidents in Baghdad City. Association of Arab Universities Journal of Engineering Sciences, 2019, 26, 136-144.	0.2	4
15	Prediction of fracture parameters for asphalt mixtures using semi-circular bending test. IOP Conference Series: Materials Science and Engineering, 2020, 745, 012131.	0.6	2
16	Smart Cementitious Composites for Road Traffic Monitoring and Weighing in Motion. IOP Conference Series: Materials Science and Engineering, 2021, 1067, 012012.	0.6	2
17	Building and validation of a low-cost driving simulator. Journal of Physics: Conference Series, 2021, 1973, 012046.	0.4	0