

Hashem M A Al-Mattarneh

List of Publications by Year in descending order

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27
papers

400
citations

1162367

8
h-index

887659

17
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27
all docs

27
docs citations

27
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Alkaline Solution on Properties of the HCFA Geopolymer Mortars. <i>Procedia Engineering</i> , 2016, 148, 710-717.	1.2	119
2	Concrete dielectric properties investigation using microwave nondestructive techniques. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013, 46, 77-87.	1.3	69
3	Electromagnetic quality control of steel fiber concrete. <i>Construction and Building Materials</i> , 2014, 73, 350-356.	3.2	40
4	Determination of chloride content in concrete using near- and far-field microwave non-destructive methods. <i>Corrosion Science</i> , 2016, 105, 133-140.	3.0	32
5	Dielectric properties for characterization of fly ash-based geopolymer binders. <i>Construction and Building Materials</i> , 2018, 189, 19-32.	3.2	23
6	Load deflection behaviour of partially restrained slab strips. <i>Engineering Structures</i> , 2007, 29, 663-674.	2.6	21
7	Microwave Sensing of Moisture Content in Concrete Using Open-Ended Rectangular Waveguide. <i>Subsurface Sensing Technologies and Applications</i> , 2001, 2, 377-390.	0.9	18
8	Structural Behavior of Reinforced Self-Compacted Engineered Cementitious Composite Beams. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-12.	1.0	13
9	Development of Low Frequency Dielectric Cell for Water Quality Application. <i>Procedia Engineering</i> , 2016, 148, 687-693.	1.2	9
10	Microwave nondestructive testing for classification of Malaysian timber using free-space techniques. , 0, , .		8
11	Physical And Mechanical Properties Of Microwave Absorber Material Containing Micro And Nano Barium Ferrite. <i>Advanced Materials Letters</i> , 2019, 10, 259-262.	0.3	7
12	Prediction of Strength and Slump of Silica Fume Incorporated High-Performance Concrete. <i>Asian Journal of Scientific Research</i> , 2015, 8, 264-277.	0.3	6
13	Microwave reflectometer system for continuous monitoring of water quality. , 0, , .		5
14	Effect of Plasticizers and Water on Properties of HCFA Geopolymers. <i>Key Engineering Materials</i> , 0, 733, 76-79.	0.4	5
15	Development and Characterization of Microwave Absorber Composite Material. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 54.	0.2	5
16	Using a Dielectric Capacitance Cell to Determine the Dielectric Properties of Pure Sand Artificially Contaminated with Pb, Cd, Fe, and Zn. <i>Applied and Environmental Soil Science</i> , 2020, 2020, 1-10.	0.8	5
17	Determination Of Leachate Pollution Content In Soil Using In-Situ Dielectric Measurement. <i>Advanced Materials Letters</i> , 2019, 10, 298-301.	0.3	4
18	Load deflection behaviour of restrained RC slab strips. <i>Structural Concrete</i> , 2006, 7, 17-26.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Enhancement of road pavement material using conventional and nano-crude oil fly ash. Applied Nanoscience (Switzerland), 2021, 11, 2517-2524.	1.6	3
20	A Novel Method for Monitoring Hydration Process of Cement Paste Material. Applied Mechanics and Materials, 0, 567, 333-338.	0.2	2
21	Comparison of Nondestructive Testing Method for Strength Prediction of Asphalt Concrete Material. Civil Engineering Journal (Iran), 2021, 7, 165-178.	1.2	2
22	Three probe reflectometer algorithm for complex coefficient measurements of water quality at microwave frequencies. , 0, , .		1
23	Non-contact microwave system for characterization of rubber wood composite. , 0, , .		0
24	A Knowledge-Based System for Mix Design of Concrete Containing Pozzolanic Materials. , 2008, , .		0
25	Determination of Soil Polluted with Kerosene Using Electromagnetic Cell. Applied Mechanics and Materials, 0, 567, 183-188.	0.2	0
26	Effect of Heavy Metal on Complex Permittivity Characteristics of Saturated Sand. Alliance for Global Sustainability Bookseries, 2009, , 299-305.	0.2	0
27	Thermal-Energy Performance of Bulk Insulation Coupled with High-Albedo Roof Tiles in Urban Pitched Residential Roof Assemblies in the Hot, Humid Climate. Sustainability, 2022, 14, 2867.	1.6	0