

# Hashem M A Al-Mattarneh

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

255  
citations

8  
h-index

15  
g-index

27  
ext. papers

321  
ext. citations

2.7  
avg, IF

3.69  
L-index

#	Paper	IF	Citations
23	Thermal-Energy Performance of Bulk Insulation Coupled with High-Albedo Roof Tiles in Urban Pitched Residential Roof Assemblies in the Hot, Humid Climate. <i>Sustainability</i> , <b>2022</b> , 14, 2867	3.6	
22	Enhancement of road pavement material using conventional and nano-crude oil fly ash. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 2517-2524	3.3	0
21	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> , <b>2020</b> , 2020, 1-10	3.8	4
20	Physical And Mechanical Properties Of Microwave Absorber Material Containing Micro And Nano Barium Ferrite. <i>Advanced Materials Letters</i> , <b>2019</b> , 10, 259-262	2.4	2
19	Determination Of Leachate Pollution Content In Soil Using In-Situ Dielectric Measurement. <i>Advanced Materials Letters</i> , <b>2019</b> , 10, 298-301	2.4	2
18	Development and Characterization of Microwave Absorber Composite Material. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 54	0.8	3
17	Dielectric properties for characterization of fly ash-based geopolymer binders. <i>Construction and Building Materials</i> , <b>2018</b> , 189, 19-32	6.7	16
16	Effect of Plasticizers and Water on Properties of HCFA Geopolymers. <i>Key Engineering Materials</i> , <b>2017</b> , 733, 76-79	0.4	4
15	Determination of chloride content in concrete using near- and far-field microwave non-destructive methods. <i>Corrosion Science</i> , <b>2016</b> , 105, 133-140	6.8	24
14	Structural Behavior of Reinforced Self-Compacted Engineered Cementitious Composite Beams. <i>Advances in Materials Science and Engineering</i> , <b>2016</b> , 2016, 1-12	1.5	11
13	Development of Low Frequency Dielectric Cell for Water Quality Application. <i>Procedia Engineering</i> , <b>2016</b> , 148, 687-693		6
12	Effects of Alkaline Solution on Properties of the HCFA Geopolymer Mortars. <i>Procedia Engineering</i> , <b>2016</b> , 148, 710-717		61
11	Prediction of Strength and Slump of Silica Fume Incorporated High-Performance Concrete. <i>Asian Journal of Scientific Research</i> , <b>2015</b> , 8, 264-277	0.3	3
10	Electromagnetic quality control of steel fiber concrete. <i>Construction and Building Materials</i> , <b>2014</b> , 73, 350-356	6.7	28
9	A Novel Method for Monitoring Hydration Process of Cement Paste Material. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 567, 333-338	0.3	1
8	Determination of Soil Polluted with Kerosene Using Electromagnetic Cell. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 567, 183-188	0.3	
7	Concrete dielectric properties investigation using microwave nondestructive techniques. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2013</b> , 46, 77-87	3.4	46

6	Effect of Heavy Metal on Complex Permittivity Characteristics of Saturated Sand. <i>Alliance for Global Sustainability Bookseries</i> , <b>2009</b> , 299-305		
5	Load deflection behaviour of partially restrained slab strips. <i>Engineering Structures</i> , <b>2007</b> , 29, 663-674	4.7	17
4	Load deflection behaviour of restrained RC slab strips. <i>Structural Concrete</i> , <b>2006</b> , 7, 17-26	2.6	2
3	Microwave Sensing of Moisture Content in Concrete Using Open-Ended Rectangular Waveguide. <i>Subsurface Sensing Technologies and Applications</i> , <b>2001</b> , 2, 377-390		16
2			2
1	Microwave nondestructive testing for classification of Malaysian timber using free-space techniques		6