

Hashem M A Al-Mattarneh

List of Publications by Citations

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23
papers

255
citations

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h-index

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g-index

27
ext. papers

321
ext. citations

2.7
avg, IF

3.69
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 23 | Effects of Alkaline Solution on Properties of the HCFA Geopolymer Mortars. <i>Procedia Engineering</i> , 2016 , 148, 710-717 | | 61 |
| 22 | Concrete dielectric properties investigation using microwave nondestructive techniques. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013 , 46, 77-87 | 3.4 | 46 |
| 21 | Electromagnetic quality control of steel fiber concrete. <i>Construction and Building Materials</i> , 2014 , 73, 350-356 | 6.7 | 28 |
| 20 | Determination of chloride content in concrete using near- and far-field microwave non-destructive methods. <i>Corrosion Science</i> , 2016 , 105, 133-140 | 6.8 | 24 |
| 19 | Load deflection behaviour of partially restrained slab strips. <i>Engineering Structures</i> , 2007 , 29, 663-674 | 4.7 | 17 |
| 18 | Microwave Sensing of Moisture Content in Concrete Using Open-Ended Rectangular Waveguide. <i>Subsurface Sensing Technologies and Applications</i> , 2001 , 2, 377-390 | | 16 |
| 17 | Dielectric properties for characterization of fly ash-based geopolymer binders. <i>Construction and Building Materials</i> , 2018 , 189, 19-32 | 6.7 | 16 |
| 16 | Structural Behavior of Reinforced Self-Compacted Engineered Cementitious Composite Beams. <i>Advances in Materials Science and Engineering</i> , 2016 , 2016, 1-12 | 1.5 | 11 |
| 15 | Microwave nondestructive testing for classification of Malaysian timber using free-space techniques | | 6 |
| 14 | Development of Low Frequency Dielectric Cell for Water Quality Application. <i>Procedia Engineering</i> , 2016 , 148, 687-693 | | 6 |
| 13 | Effect of Plasticizers and Water on Properties of HCFA Geopolymers. <i>Key Engineering Materials</i> , 2017 , 733, 76-79 | 0.4 | 4 |
| 12 | 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 | 3.8 | 4 |
| 11 | 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 | 3 |
| 10 | Development and Characterization of Microwave Absorber Composite Material. <i>International Journal of Engineering and Technology(UAE)</i> , 2018 , 7, 54 | 0.8 | 3 |
| 9 | Load deflection behaviour of restrained RC slab strips. <i>Structural Concrete</i> , 2006 , 7, 17-26 | 2.6 | 2 |
| 8 | | | 2 |
| 7 | Physical And Mechanical Properties Of Microwave Absorber Material Containing Micro And Nano Barium Ferrite. <i>Advanced Materials Letters</i> , 2019 , 10, 259-262 | 2.4 | 2 |

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|---|--|-----|---|
| 6 | Determination Of Leachate Pollution Content In Soil Using In-Situ Dielectric Measurement. <i>Advanced Materials Letters</i> , 2019 , 10, 298-301 | 2.4 | 2 |
| 5 | A Novel Method for Monitoring Hydration Process of Cement Paste Material. <i>Applied Mechanics and Materials</i> , 2014 , 567, 333-338 | 0.3 | 1 |
| 4 | Enhancement of road pavement material using conventional and nano-crude oil fly ash. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 11, 2517-2524 | 3.3 | 0 |
| 3 | Determination of Soil Polluted with Kerosene Using Electromagnetic Cell. <i>Applied Mechanics and Materials</i> , 2014 , 567, 183-188 | 0.3 | |
| 2 | Effect of Heavy Metal on Complex Permittivity Characteristics of Saturated Sand. <i>Alliance for Global Sustainability Bookseries</i> , 2009 , 299-305 | | |
| 1 | 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> , 2022 , 14, 2867 | 3.6 | |