

Ayman Ababneh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

536
citations

840776

11
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888059

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docs citations

18
times ranked

486
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effect of fiber type and content on the mechanical properties and shrinkage characteristics of alkali-activated kaolin. <i>Structural Concrete</i> , 2022, 23, 300-310. | 3.1 | 14 |
| 2 | Efflorescence Control in Calcined Kaolin-Based Geopolymer Using Silica Fume and OPC. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, . | 2.9 | 7 |
| 3 | Recycling of pre-treated medical waste fly ash in mortar mixtures. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 207-220. | 3.0 | 14 |
| 4 | Enhancement of the Mechanical Properties of Kaolin Geopolymer Using Sodium Hydroxide and Calcium Oxide. <i>Procedia Manufacturing</i> , 2020, 44, 164-171. | 1.9 | 22 |
| 5 | Synthesis of kaolin-based alkali-activated cement: carbon footprint, cost and energy assessment. <i>Journal of Materials Research and Technology</i> , 2020, 9, 8367-8378. | 5.8 | 37 |
| 6 | Assessment of the Coupled Transport-Degradation Model for Concrete using Smart Sensors. <i>Procedia Manufacturing</i> , 2020, 44, 20-27. | 1.9 | 0 |
| 7 | Reliability analysis of corrosion initiation in reinforced concrete structures subjected to chlorides in presence of epistemic uncertainties. <i>Structural Safety</i> , 2020, 86, 101976. | 5.3 | 19 |
| 8 | Modeling of chloride penetration in concrete structures under freeze-thaw cycles. <i>International Journal of Building Pathology and Adaptation</i> , 2019, 38, 127-147. | 1.3 | 7 |
| 9 | Potential use of Jordanian volcanic tuffs as supplementary cementitious materials. <i>Case Studies in Construction Materials</i> , 2018, 8, 193-202. | 1.7 | 11 |
| 10 | Influence of synthetic fibers on the shear behavior of lightweight concrete beams. <i>Advances in Structural Engineering</i> , 2017, 20, 1671-1683. | 2.4 | 32 |
| 11 | Flexural behavior of lightweight concrete beams encompassing various dosages of macro synthetic fibers and steel ratios. <i>Case Studies in Construction Materials</i> , 2017, 7, 280-293. | 1.7 | 12 |
| 12 | Simulating the response of CFRP strengthened shear-keys in composite concrete bridges. <i>Materials and Design</i> , 2016, 90, 733-744. | 7.0 | 7 |
| 13 | Evaluating the performance of sulfonated Kraft lignin agent as corrosion inhibitor for iron-based materials in water distribution systems. <i>Desalination</i> , 2013, 313, 105-114. | 8.2 | 86 |
| 14 | Impact of mechanical loading on the corrosion of steel reinforcement in concrete structures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2011, 44, 1123-1137. | 3.1 | 25 |
| 15 | RECYCLING OF WASTE GLASS IN MORTAR MIXTURES. <i>Journal of Solid Waste Technology and Management</i> , 2011, 37, 157-167. | 0.2 | 3 |
| 16 | Using burnt stone slurry in mortar mixes. <i>Construction and Building Materials</i> , 2010, 24, 2658-2663. | 7.2 | 37 |
| 17 | Effect of benzotriazole derivatives on the corrosion of steel in simulated concrete pore solutions. <i>Anti-Corrosion Methods and Materials</i> , 2007, 54, 135-147. | 1.5 | 15 |
| 18 | Chloride Penetration in Nonsaturated Concrete. <i>Journal of Materials in Civil Engineering</i> , 2003, 15, 183-191. | 2.9 | 188 |