

Ayman Ababneh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

536
citations

840585

11
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride Penetration in Nonsaturated Concrete. Journal of Materials in Civil Engineering, 2003, 15, 183-191.	1.3	188
2	Evaluating the performance of sulfonated Kraft lignin agent as corrosion inhibitor for iron-based materials in water distribution systems. Desalination, 2013, 313, 105-114.	4.0	86
3	Using burnt stone slurry in mortar mixes. Construction and Building Materials, 2010, 24, 2658-2663.	3.2	37
4	Synthesis of kaolin-based alkali-activated cement: carbon footprint, cost and energy assessment. Journal of Materials Research and Technology, 2020, 9, 8367-8378.	2.6	37
5	Influence of synthetic fibers on the shear behavior of lightweight concrete beams. Advances in Structural Engineering, 2017, 20, 1671-1683.	1.2	32
6	Impact of mechanical loading on the corrosion of steel reinforcement in concrete structures. Materials and Structures/Materiaux Et Constructions, 2011, 44, 1123-1137.	1.3	25
7	Enhancement of the Mechanical Properties of Kaolin Geopolymer Using Sodium Hydroxide and Calcium Oxide. Procedia Manufacturing, 2020, 44, 164-171.	1.9	22
8	Reliability analysis of corrosion initiation in reinforced concrete structures subjected to chlorides in presence of epistemic uncertainties. Structural Safety, 2020, 86, 101976.	2.8	19
9	Effect of benzotriazole derivatives on the corrosion of steel in simulated concrete pore solutions. Anti-Corrosion Methods and Materials, 2007, 54, 135-147.	0.6	15
10	Recycling of pre-treated medical waste fly ash in mortar mixtures. Journal of Material Cycles and Waste Management, 2020, 22, 207-220.	1.6	14
11	Effect of fiber type and content on the mechanical properties and shrinkage characteristics of alkali-activated kaolin. Structural Concrete, 2022, 23, 300-310.	1.5	14
12	Flexural behavior of lightweight concrete beams encompassing various dosages of macro synthetic fibers and steel ratios. Case Studies in Construction Materials, 2017, 7, 280-293.	0.8	12
13	Potential use of Jordanian volcanic tuffs as supplementary cementitious materials. Case Studies in Construction Materials, 2018, 8, 193-202.	0.8	11
14	Simulating the response of CFRP strengthened shear-keys in composite concrete bridges. Materials and Design, 2016, 90, 733-744.	3.3	7
15	Modeling of chloride penetration in concrete structures under freeze-thaw cycles. International Journal of Building Pathology and Adaptation, 2019, 38, 127-147.	0.7	7
16	Efflorescence Control in Calcined Kaolin-Based Geopolymer Using Silica Fume and OPC. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	7
17	RECYCLING OF WASTE GLASS IN MORTAR MIXTURES. Journal of Solid Waste Technology and Management, 2011, 37, 157-167.	0.2	3
18	Assessment of the Coupled Transport-Degradation Model for Concrete using Smart Sensors. Procedia Manufacturing, 2020, 44, 20-27.	1.9	0