

Mohammed Arafa

List of Publications by Year in descending order

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16
papers

254
citations

1163117

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h-index

1058476

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g-index

16
all docs

16
docs citations

16
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Stage Cost Estimation of Buildings Construction Projects using Artificial Neural Networks. Journal of Artificial Intelligence, 2010, 4, 63-75.	2.0	49
2	Artificial Bee Colony (ABC) algorithm in the design optimization of RC continuous beams. Structural and Multidisciplinary Optimization, 2013, 47, 963-979.	3.5	39
3	Repairing and Strengthening of Damaged RC Columns Using Thin Concrete Jacketing. Advances in Civil Engineering, 2019, 2019, 1-16.	0.7	38
4	Structural damage assessment criteria for reinforced concrete buildings by using a Fuzzy Analytic Hierarchy process. Underground Space (China), 2018, 3, 243-249.	7.5	32
5	Effects of Silica Fume, Ultrafine and Mixing Sequences on Properties of Ultra High Performance Concrete. Asian Journal of Materials Science, 2010, 2, 137-146.	0.6	29
6	Optimum Cost of Prestressed and Reinforced Concrete Beams using Genetic Algorithms. Journal of Artificial Intelligence, 2010, 4, 76-88.	2.0	20
7	Neural Network Models for Predicting Shear Strength of Reinforced Normal and High-strength Concrete Deep Beams. Journal of Applied Sciences, 2011, 11, 266-274.	0.3	12
8	Influence of Low and High Organic Wastewater Sludge on Physical and Mechanical Properties of Concrete Mixes. Journal of Environmental Science and Technology, 2011, 4, 354-365.	0.3	9
9	Mechanical Properties of Ultra High Performance Concrete Produced in the Gaza Strip. Asian Journal of Materials Science, 2009, 2, 1-12.	0.6	8
10	Quantifying the Effect of Ammonium Nitrate Attack on Mechanical and Physical Properties of Cement Mortars. Journal of Scientific Research and Reports, 2015, 7, 137-145.	0.2	8
11	Performance of RC Beams with Embedded Steel Trusses Using Nonlinear FEM Analysis. Advances in Civil Engineering, 2018, 2018, 1-8.	0.7	5
12	Direkte Erfassung der Vorspannung mit nichtlinearer FE-Berechnung. Bautechnik, 2001, 78, 724-732.	0.1	2
13	An Intelligent Tuned Harmony Search Algorithm for Optimum Design of Steel Framed Structures to AISC-LRFD. Advances in Research, 2015, 4, 421-440.	0.3	2
14	Modified Harmony Search Algorithm for Solving the Four-Color Mapping Problem. International Journal of Computer Applications, 2014, 91, 34-38.	0.2	1
15	Isoparametrische Elemente höherer Ordnung mit beliebiger Lage der Randzwischen- und Innenknoten. Bautechnik, 2001, 78, 571-578.	0.1	0
16	Recovery of Structural System Properties by Minimization of Finite Element Residuals Error Function. Trends in Applied Sciences Research, 2011, 6, 672-685.	0.4	0