

Mohammed Arafa

List of Publications by Year in descending order

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16
papers

254
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

250
citing authors

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