

Juan Carlos Arteaga-Arcos

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

202
citations

1307366

7
h-index

1058333

14
g-index

22
all docs

22
docs citations

22
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	A continuous Bayesian network for earth dams' risk assessment: methodology and quantification. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 589-603.	2.0	41
2	Rheological behaviour of cement paste added with natural fibres. <i>Construction and Building Materials</i> , 2019, 198, 148-157.	3.2	36
3	A continuous Bayesian network for earth dams' risk assessment: an application. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 225-238.	2.0	28
4	The usage of ultra-fine cement as an admixture to increase the compressive strength of Portland cement mortars. <i>Construction and Building Materials</i> , 2013, 42, 152-160.	3.2	19
5	Predicting Concrete Compressive Strength and Modulus of Rupture Using Different NDT Techniques. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-15.	1.0	16
6	Influence of the Organic and Mineral Additions in the Porosity of Lime Mortars. <i>Advanced Materials Research</i> , 0, 887-888, 830-837.	0.3	8
7	Micro-mechanical properties of corneal scaffolds from two different bio-models obtained by an efficient chemical decellularization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104510.	1.5	8
8	Use of EPD System for Designing New Building Materials: The Case Study of a Bio-Based Thermal Insulation Panel from the Pineapple Industry By-Product. <i>Sustainability</i> , 2020, 12, 6864.	1.6	7
9	Caracterización de propiedades físico-mecánicas de rocas ígneas utilizadas en obras de infraestructura. <i>Revista ALCONPAT</i> , 2013, 3, 129-139.	0.2	7
10	Woody debris trapping phenomena evaluation in bridge piers: A Bayesian perspective. <i>Reliability Engineering and System Safety</i> , 2017, 161, 38-52.	5.1	6
11	Mechanical Properties of Rocks Used for the Construction of Vehicular Bridges Supported by Pier Masonry. <i>Advanced Materials Research</i> , 2012, 535-537, 1881-1888.	0.3	5
12	Corrosion initiation time updating by epistemic uncertainty as an alternative to schedule the first inspection time of pre-stressed concrete vehicular bridge beams. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 998-1010.	2.0	4
13	Prediction of the Static Modulus of Elasticity Using Four non Destructive Testing. <i>Revista De La Construccion</i> , 2014, 13, 33-40.	0.5	3
14	Advances in the Use of the Steel Industry by-products when Manufacturing Traditional Ceramics for Sustainable Purposes. <i>Procedia Engineering</i> , 2015, 118, 1202-1207.	1.2	3
15	Bio-inspired Panel Design for Thermal Management. <i>Procedia Engineering</i> , 2015, 118, 1195-1201.	1.2	3
16	Effect of a mixture of canola and chia oils and gelatin addition on a pound cake reduced in margarine. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14298.	0.9	3
17	An Approach to Identify and Understand the Main Processes of Weathering that Affect the Pre-Hispanic STELAE Located in the CALAKMUL Biosphere Reserve in Campeche, Mexico. <i>Archaeometry</i> , 2021, 63, 843-859.	0.6	3
18	Differences on specified and actual concrete strength for buildings on seismic zones. <i>Earthquake and Structures</i> , 2017, 12, 349-357.	1.0	1

#	ARTICLE	IF	CITATIONS
19	EFFECT OF ADDED GELATIN ON RHEOLOGICAL AND TEXTURAL PROPERTIES OF A POUND CAKE REDUCED IN MARGARINE. Revista Mexicana De Ingeniera Quimica, 2018, 17, 777-789.	0.2	1
20	HEM as an Environmental Friendly Alternative to Produce UFC. , 2011, , .		0
21	Advances of a FEM for the Failure Probability Evaluation of Masonry Vehicular Bridge Support Piers. Advanced Materials Research, 0, 538-541, 580-585.	0.3	0
22	Damaged and Healthy Ignimbrites from the Surroundings of Morelia, Mexico; Uses for Restoration of the Colonial Inheritance. Advanced Materials Research, 2014, 889-890, 1431-1437.	0.3	0