Wilfrido MartÃ-nez Molina

List of Publications by Year
in descending order

29 papers	98 citations	1684188 5 h-index	1720034 7 g-index
29 all docs	29 docs citations	29 times ranked	51 citing authors

#	Article	IF	Citations
1	Effects of corrosion inhibiting admixtures and supplementary cementitious materials combinations on the strength and certain durability properties of HPC. Canadian Journal of Civil Engineering, 2017, 44, 918-926.	1.3	11
2	Physical Properties of Cement-Based Paste and Mortar With Dehydrated Cacti Additions. International Journal of Architectural Heritage, 2015, 9, 443-452.	3.1	10
3	Cement-Based Materials Enhanced Durability from Opuntia Ficus Indica Mucilage Additions. ACI Materials Journal, 2015, 112, .	0.2	10
4	Prediction of the Tensile Strength and Electrical Resistivity of Concrete with Organic Polymer and their Influence on Carbonation Using Data Science and a Machine Learning Technique. Key Engineering Materials, 0, 862, 72-77.	0.4	8
5	Characterization of Adobe Blocks: Point-Load Assessment as a Complementary Study of Damaged Buildings and Samples. Heritage, 2021, 4, 864-888.	1.9	8
6	Structural, optical and photoluminescence properties of TiO2 and TiO2: Tm3+ nanopowders. Optik, 2021, 227, 166083.	2.9	6
7	Use of metakaolin or coal gangue as a partial substitution of cement in mechanical performance of PC mortars. European Journal of Environmental and Civil Engineering, 2021, 25, 502-515.	2.1	5
8	Asphalt Mixes Processed with Recycled Concrete Aggregate (RCA) as Partial Replacement of the Natural Aggregate. Materials, 2021, 14, 4196.	2.9	5
9	ColorimetrÃa de arcillas modificadas con adiciones minerales y orgÃ¡nicas. Revista ALCONPAT, 2018, 8, 163-177.	0.3	5
10	Evaluation of the Electrical Resistivity, Ultrasonic Pulse Velocity and Mechanical Properties in Portland Cement Pastes Type II. Key Engineering Materials, 0, 841, 198-202.	0.4	4
11	Bank Material Study for the Restoration of Historical Monuments in Michoacàn, Mexico. Materials Science Forum, 0, 902, 47-51.	0.3	3
12	Evaluation of Recycled Aggregate (RAP) Presence Impact under Indirect Tensile Strength of Bitumen Stabilized Mix with Foamed Asphalt for a Base Layer. Key Engineering Materials, 0, 841, 108-113.	0.4	3
13	Colorimetry of Clays as a Tool to Identify Soil Materials for Earthen Buildings Restoration. Key Engineering Materials, 2020, 862, 56-60.	0.4	3
14	Compressive Strength and Ultrasonic Pulse Velocity of Mortars and Pastes, Elaborated with Slaked Lime and High Purity Hydrated Lime, for Restoration Works in MÃ©xico. Key Engineering Materials, 0, 862, 51-55.	0.4	3
15	Effect of the Addition of Agribusiness and Industrial Wastes as a Partial Substitution of Portland Cement for the Carbonation of Mortars. Materials, 2021, 14, 7276.	2.9	3
16	Modificaciones de la envolvente de falla en suelos arcillosos con distintos estabilizadores volumÃ©tricos. Revista ALCONPAT, 2022, 12, 227-247.	0.3	3
17	Non-Destructive Tests as Durability Indicators in Cement Mortars with Pozzolanic Substitutions. Materials Science Forum, 0, 902, 9-13.	0.3	2
18	Scanning Electron Microscope in Rocks and their Comparison with Physical-Mechanical Properties. Key Engineering Materials, 0, 841, 114-118.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Reinforced Concrete Structure Performance in Marine Structures: Analyzing Durability Indexes to Obtain More Accurate Corrosion Initiation Time Predictions. Materials, 2021, 14, 7662.	2.9	2
20	Design of Asphalt Mixtures with 30% of RCA as Replacement of Natural Aggregate by Means Marshall Methodology. Materials Science Forum, 2018, 940, 128-132.	0.3	1
21	High Purity Lime as an Ecologic Alternative for Construction Mortars and Pastes. Key Engineering Materials, 0, 841, 188-192.	0.4	1
22	Concrete Carbonation in Mexico and Spain: DURACON Project, Four Year Evaluation. Key Engineering Materials, 0, 711, 12-20.	0.4	0
23	Ash Substitution Effect in Brick Fabrication in Induration Time and Mechanical Resistance in Mortars Portland Cement Base. Materials Science Forum, 2017, 902, 83-87.	0.3	0
24	Effective Porosity Comparison with a Lime Mortar Matrix Base during 350 to 700 Days. Materials Science Forum, 2017, 902, 60-64.	0.3	0
25	Soundness in Mortars of Portland Cement with Substitutions Using Cactus (<i>Opuntia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.4	0
26	Physical Behavior of Ternary Portland Cement Mortar Mixtures Incorporating Pozzolan and Filler. Key Engineering Materials, 2018, 789, 170-175.	0.4	0
27	Natural Additive to Retard the Setting of a Mortar and Increase its Resistance. Key Engineering Materials, 0, 841, 119-123.	0.4	0
28	Cemented Mortar Matrices Densified with Organic Additions. Key Engineering Materials, 0, 841, 193-197.	0.4	0
29	Characterization of Hydraulic Concrete with Polystyrene-Based Emulsion. Key Engineering Materials, 0, 841, 203-208.	0.4	0