Jose Manuel Mendoza-Rangel

List of Publications by Year
in descending order

23 papers	451 citations	759055 12 h-index	713332 21 g-index
23 all docs	23 docs citations	23 times ranked	402 citing authors

#	Article	IF	Citations
1	Mechanical and durability properties of mortars prepared with untreated sugarcane bagasse ash and untreated fly ash. Construction and Building Materials, 2016, 105, 69-81.	3.2	96
2	Modified gypsum compounds: An ecologicalâ€"economical choice to improve traditional plasters. Construction and Building Materials, 2012, 37, 591-596.	3.2	57
3	Chloride-induced reinforcing steel corrosion in ternary concretes containing fly ash and untreated sugarcane bagasse ash. Construction and Building Materials, 2019, 198, 608-618.	3.2	40
4	Compaction effect on the compressive strength and durability of stabilized earth blocks. Construction and Building Materials, 2018, 163, 179-188.	3.2	39
5	Effect of Silica Fume and Fly Ash Admixtures on the Corrosion Behavior of AISI 304 Embedded in Concrete Exposed in 3.5% NaCl Solution. Materials, 2019, 12, 4007.	1.3	37
6	Corrosion Behavior of AISI 304 Stainless Steel Reinforcements in SCBA-SF Ternary Ecological Concrete Exposed to MgSO4. Materials, 2020, 13, 2412.	1.3	23
7	Accelerated and natural carbonation of concretes with internal curing and shrinkage/viscosity modifiers. Materials and Structures/Materiaux Et Constructions, 2015, 48, 1207-1214.	1.3	22
8	Corrosion Behavior of Steel-Reinforced Green Concrete Containing Recycled Coarse Aggregate Additions in Sulfate Media. Materials, 2020, 13, 4345.	1.3	19
9	Chloride-binding capacity of ternary concretes containing fly ash and untreated sugarcane bagasse ash. Cement and Concrete Composites, 2021, 120, 104040.	4.6	18
10	Corrosion Behavior of Galvanized Steel Embedded in Concrete Exposed to Soil Type MH Contaminated With Chlorides. Frontiers in Materials, 2019, 6, .	1.2	16
11	Electrochemical Corrosion of Galvanized Steel in Binary Sustainable Concrete Made with Sugar Cane Bagasse Ash (SCBA) and Silica Fume (SF) Exposed to Sulfates. Applied Sciences (Switzerland), 2021, 11, 2133.	1.3	16
12	Influencia de la inclusiÃ³n de ceniza de bagazo de caÃ±a de azÃºcar sobre la compactaciÃ³n, CBR y resistencia a la compresiÃ³n simple de un material granular tipo subrasante. Revista ALCONPAT, 2018, 8, 194-208.	0.2	15
13	Thixotropy of reactive suspensions: The case of cementitious materials. Construction and Building Materials, 2019, 212, 121-129.	3.2	10
14	Improving Sustainability through Corrosion Resistance of Reinforced Concrete by Using a Manufactured Blended Cement and Fly Ash. Sustainability, 2018, 10, 2004.	1.6	9
15	Influence of fibers distribution on direct shear and flexural behavior of synthetic fiber-reinforced self-compacting concrete. Construction and Building Materials, 2022, 330, 127255.	3.2	9
16	Physical, Mechanical and Durability Properties of Ecofriendly Ternary Concrete Made with Sugar Cane Bagasse Ash and Silica Fume. Crystals, 2021, 11, 1012.	1.0	6
17	Low impact fiber reinforced material composite. Revista ALCONPAT, 2017, 7, 135-147.	0.2	5
18	Effect of Clâˆ'-induced corrosion on the mechanical properties of reinforcing steel embedded in ternary concretes containing FA and UtSCBA. Construction and Building Materials, 2022, 339, 127655.	3.2	5

#	Article	IF	Citations
19	Effect of the Notch-to-Depth Ratio on the Post-Cracking Behavior of Steel-Fiber-Reinforced Concrete. Materials, 2021, 14, 445.	1.3	4
20	Effect of the Addition of Sugar Cane Bagasse Ash on the Compaction Properties of a Granular Material Type Hydraulic Base. European Journal of Engineering Research and Science, 2021, 6, 76-79.	0.3	2
21	Efecto de la ceniza volante en las propiedades mecÃ¡nicas de concretos hechos con agregado calizo triturado de alta absorciÃ³n. Revista ALCONPAT, 2016, 6, 235-247.	0.2	2
22	Chemical Interactions in Reinforced Concrete Exposed at a Tropical Marine Environment. Journal of Chemistry, 2015, 2015, 1-5.	0.9	1
23	Validez de los conceptos y modelos vigentes de vida de servicio de estructuras de hormigÃ³n ante los efectos del cambio climÃ¡tico global. SituaciÃ³n actual. Materiales De Construccion, 2009, 59, 117-124.	0.2	0