

# Jose Manuel Mendoza-Rangel

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Influence of fibers distribution on direct shear and flexural behavior of synthetic fiber-reinforced self-compacting concrete. <i>Construction and Building Materials</i> , 2022, 330, 127255.	3.2	9
2	Effect of Cl <sup>-</sup> -induced corrosion on the mechanical properties of reinforcing steel embedded in ternary concretes containing FA and UtSCBA. <i>Construction and Building Materials</i> , 2022, 339, 127655.	3.2	5
3	Effect of the Addition of Sugar Cane Bagasse Ash on the Compaction Properties of a Granular Material Type Hydraulic Base. <i>European Journal of Engineering Research and Science</i> , 2021, 6, 76-79.	0.3	2
4	Electrochemical Corrosion of Galvanized Steel in Binary Sustainable Concrete Made with Sugar Cane Bagasse Ash (SCBA) and Silica Fume (SF) Exposed to Sulfates. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2133.	1.3	16
5	Chloride-binding capacity of ternary concretes containing fly ash and untreated sugarcane bagasse ash. <i>Cement and Concrete Composites</i> , 2021, 120, 104040.	4.6	18
6	Physical, Mechanical and Durability Properties of Ecofriendly Ternary Concrete Made with Sugar Cane Bagasse Ash and Silica Fume. <i>Crystals</i> , 2021, 11, 1012.	1.0	6
7	Effect of the Notch-to-Depth Ratio on the Post-Cracking Behavior of Steel-Fiber-Reinforced Concrete. <i>Materials</i> , 2021, 14, 445.	1.3	4
8	Corrosion Behavior of Steel-Reinforced Green Concrete Containing Recycled Coarse Aggregate Additions in Sulfate Media. <i>Materials</i> , 2020, 13, 4345.	1.3	19
9	Corrosion Behavior of AISI 304 Stainless Steel Reinforcements in SCBA-SF Ternary Ecological Concrete Exposed to MgSO <sub>4</sub> . <i>Materials</i> , 2020, 13, 2412.	1.3	23
10	Corrosion Behavior of Galvanized Steel Embedded in Concrete Exposed to Soil Type MH Contaminated With Chlorides. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	16
11	Thixotropy of reactive suspensions: The case of cementitious materials. <i>Construction and Building Materials</i> , 2019, 212, 121-129.	3.2	10
12	Effect of Silica Fume and Fly Ash Admixtures on the Corrosion Behavior of AISI 304 Embedded in Concrete Exposed in 3.5% NaCl Solution. <i>Materials</i> , 2019, 12, 4007.	1.3	37
13	Chloride-induced reinforcing steel corrosion in ternary concretes containing fly ash and untreated sugarcane bagasse ash. <i>Construction and Building Materials</i> , 2019, 198, 608-618.	3.2	40
14	Compaction effect on the compressive strength and durability of stabilized earth blocks. <i>Construction and Building Materials</i> , 2018, 163, 179-188.	3.2	39
15	Improving Sustainability through Corrosion Resistance of Reinforced Concrete by Using a Manufactured Blended Cement and Fly Ash. <i>Sustainability</i> , 2018, 10, 2004.	1.6	9
16	Influencia de la inclusi3n de ceniza de bagazo de caña de azúcar sobre la compactaci3n, CBR y resistencia a la compresi3n simple de un material granular tipo subrasante. <i>Revista ALCONPAT</i> , 2018, 8, 194-208.	0.2	15
17	Low impact fiber reinforced material composite. <i>Revista ALCONPAT</i> , 2017, 7, 135-147.	0.2	5
18	Mechanical and durability properties of mortars prepared with untreated sugarcane bagasse ash and untreated fly ash. <i>Construction and Building Materials</i> , 2016, 105, 69-81.	3.2	96

#	ARTICLE	IF	CITATIONS
19	Efecto de la ceniza volante en las propiedades mecánicas de concretos hechos con agregado calizo triturado de alta absorción. Revista ALCONPAT, 2016, 6, 235-247.	0.2	2
20	Chemical Interactions in Reinforced Concrete Exposed at a Tropical Marine Environment. Journal of Chemistry, 2015, 2015, 1-5.	0.9	1
21	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
22	Modified gypsum compounds: An ecological and economical choice to improve traditional plasters. Construction and Building Materials, 2012, 37, 591-596.	3.2	57
23	Validez de los conceptos y modelos vigentes de vida de servicio de estructuras de hormigón ante los efectos del cambio climático global. Situación actual. Materiales De Construccion, 2009, 59, 117-124.	0.2	0