Ignacio Valverde-Palacios

List of Publications by Year
in descending order

26 papers	434 citations	840776 11 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	456 citing authors

#	Article	IF	Citations
1	Influence of pre-soaked recycled fine aggregate on the properties of masonry mortar. Construction and Building Materials, 2014, 70, 71-79.	7.2	55
2	Experimental and analytical analysis for bending load capacity of old timber beams with defects when reinforced with carbon fiber strips. Composite Structures, 2018, 186, 29-38.	5.8	42
3	Effects of water to cement ratio, recycled fine aggregate and air entraining/plasticizer admixture on masonry mortar properties. Construction and Building Materials, 2020, 230, 116929.	7.2	39
4	Development of the life cycle inventory of masonry mortar made of natural and recycled aggregates. Journal of Cleaner Production, 2017, 140, 1272-1286.	9.3	38
5	Experimental Comparison of Different Carbon Fiber Composites in Reinforcement Layouts for Wooden Beams of Historical Buildings. Materials, 2017, 10, 1113.	2.9	34
6	Environmental assessment of masonry mortars made with natural and recycled aggregates. International Journal of Life Cycle Assessment, 2019, 24, 191-210.	4.7	34
7	Health monitoring of timber beams retrofitted with carbon fiber composites via the acoustic emission technique. Composite Structures, 2018, 206, 392-402.	5.8	32
8	Effect of recycled aggregate on physical-mechanical properties and durability of vibro-compacted dry-mixed concrete hollow blocks. Construction and Building Materials, 2017, 145, 303-310.	7.2	25
9	Monitoring of Carbon Fiber-Reinforced Old Timber Beams via Strain and Multiresonant Acoustic Emission Sensors. Sensors, 2018, 18, 1224.	3.8	20
10	Acoustic emission during wood-CFRP adhesion tests. International Journal of Adhesion and Adhesives, 2018, 87, 79-90.	2.9	16
11	Quality control of recycled aggregates (RAs) from construction and demolition waste (CDW). , 2013, , 270-303.		14
12	Improving ductility and bending features of poplar glued laminated beams by means of embedded carbon material. Construction and Building Materials, 2021, 304, 124469.	7.2	13
13	Geotechnical map of Holocene alluvial soil deposits in the metropolitan area of Granada (Spain): a GIS approach. Bulletin of Engineering Geology and the Environment, 2014, 73, 177-192.	3.5	12
14	Acoustic emission in I-214 poplar wood under compressive loading. European Journal of Wood and Wood Products, 2020, 78, 723-732.	2.9	10
15	Study of potential advantages of pre-soaking on the properties of pre-cast concrete made with recycled coarse aggregate. Materiales De Construccion, 2016, 66, e076.	0.7	10
16	Engineering and Environmental Geology of Granada and its Metropolitan Area (Spain). Environmental and Engineering Geoscience, 2012, 18, 217-260.	0.9	9
17	Pine Beams Retrofitted with FRP and Poplar Planks: Mechanical Behavior. Materials, 2019, 12, 3081.	2.9	7
18	MÃ©todos granulomÃ©tricos en la caracterizaciÃ³n del Ã¡rido reciclado para su uso en hormigÃ³n estructural. Materiales De Construccion, 2013, 63, 235-249.	0.7	6

#	Article	IF	Citations
19	Foundation models in seismic areas: Four case studies near the city of Granada (Spain). Engineering Geology, 2012, 131-132, 57-69.	6.3	4
20	Simplified empirical method for predicting earthquake-induced settlements and its application to a large area in Spain. Engineering Geology, 2014, 181, 58-70.	6.3	4
21	Recycled aggregate in road construction following the Spanish General Technical Specifications for Roads and Bridge Works (PG-3): a case study. Informes De La Construccion, 2013, 65, 107-119.	0.3	3
22	Microstructural analysis of concretes manufactured with recycled coarse aggregates pre-soaked using different methods. Materiales De Construccion, 2020, 70, 228.	0.7	3
23	A new procedure to adapt any type of soil for the consolidation and construction of earthen structures: projected earth system. Materiales De Construccion, 2015, 65, e063.	0.7	2
24	El recalce con micropilotes para la conservaciÃ³n de un muro de tierra compactada realizado con la tÃ©cnica del tapial. Informes De La Construccion, 2014, 66, e023.	0.3	1
25	Diagnosis de una patologÃa en gres porcelÃ¡nico pegado en fachada. Informes De La Construccion, 2015, 67, e108.	0.3	1
26	Increase of Seismic Risk for Growth of a Large Metropolitan Area of Granada (Spain): Case Studies. Earth Science Research, 2012, 1, .	0.3	0