

Francisco Hernández-Olivares

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,122
citations

331259

21
h-index

377514

34
g-index

37
all docs

37
docs citations

37
times ranked

1885
citing authors

#	ARTICLE	IF	CITATIONS
1	Short sugarcane bagasse fibers cementitious composites for building construction. <i>Construction and Building Materials</i> , 2020, 247, 118451.	3.2	29
2	A model about dynamic parameters through magnetic fields during the alignment of steel fibres reinforcing cementitious composites. <i>Construction and Building Materials</i> , 2019, 201, 340-349.	3.2	12
3	Study of Fine Mortar Powder from Different Waste Sources for Recycled Concrete Production. , 2017, , 253-262.		3
4	Mechanical and thermal properties of concrete incorporating rubber and fibres from tyre recycling. <i>Construction and Building Materials</i> , 2017, 144, 563-573.	3.2	124
5	Comparative properties of a lime mortar with different metakaolin and natron additions. <i>Construction and Building Materials</i> , 2016, 114, 747-754.	3.2	8
6	Influence of fibers partially coated with rubber from tire recycling as aggregate on the acoustical properties of rubberized concrete. <i>Construction and Building Materials</i> , 2016, 129, 25-36.	3.2	66
7	Combined effect of Polypropylene fibers and Silica Fume to improve the durability of concrete with natural Pozzolans blended cement. <i>Construction and Building Materials</i> , 2015, 96, 556-566.	3.2	58
8	Static mechanical properties of waste rests of recycled rubber and high quality recycled rubber from crumbed tyres used as aggregate in dry consistency concretes. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 1185-1193.	1.3	43
9	Enhancement of durability of concrete composites containing natural pozzolans blended cement through the use of Polypropylene fibers. <i>Composites Part B: Engineering</i> , 2014, 61, 214-221.	5.9	52
10	Rheological properties of aerated cement pastes with fly ash, metakaolin and sepiolite additions. <i>Construction and Building Materials</i> , 2014, 65, 566-573.	3.2	35
11	Influence of proportion and particle size gradation of rubber from end-of-life tires on mechanical, thermal and acoustic properties of plasterâ€“rubber mortars. <i>Materials & Design</i> , 2013, 47, 633-642.	5.1	110
12	Microscopic analysis of the interaction between crumb rubber and bitumen in asphalt mixtures using the dry process. <i>Construction and Building Materials</i> , 2013, 48, 691-699.	3.2	73
13	Microstructural analysis of aerated cement pastes with fly ash, Metakaolin and Sepiolite additions. <i>Construction and Building Materials</i> , 2013, 47, 282-292.	3.2	20
14	Sandstone Adherence in Building Construction. <i>International Journal of Architectural Heritage</i> , 2012, 6, 200-213.	1.7	1
15	Interfacial Transition Zone (ITZ) Analysis in Hydraulic Lime Restoration Mortars for Grouting of Historical Masonries. <i>International Journal of Architectural Heritage</i> , 2012, 6, 396-414.	1.7	9
16	Assessment of phase formation in lime-based mortars with added metakaolin, Portland cement and sepiolite, for grouting of historic masonry. <i>Cement and Concrete Research</i> , 2010, 40, 66-76.	4.6	99
17	A new bonded vertical joint design for architectural panels. <i>Construction and Building Materials</i> , 2010, 24, 918-926.	3.2	1
18	Self-levelling cement mortar containing grounded slate from quarrying waste. <i>Construction and Building Materials</i> , 2010, 24, 1601-1607.	3.2	32

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19	Aumento de la tenacidad de hormigones autocompactables reforzados con fibras cortas de polipropileno. <i>Materiales De Construccion</i> , 2010, 60, 83-97.	0.2	4
20	Rubber-modified hot-mix asphalt pavement by dry process. <i>International Journal of Pavement Engineering</i> , 2009, 10, 277-288.	2.2	72
21	Fatigue behaviour of recycled tyre rubber-filled concrete and its implications in the design of rigid pavements. <i>Construction and Building Materials</i> , 2007, 21, 1918-1927.	3.2	85
22	Cracking control of concretes modified with short AR-glass fibers at early age. Experimental results on standard concrete and SCC. <i>Cement and Concrete Research</i> , 2007, 37, 1624-1638.	4.6	103
23	New prefabricated elements of lightened plaster used for partitions and extrados. <i>Construction and Building Materials</i> , 2005, 19, 487-492.	3.2	17
24	Fire performance of recycled rubber-filled high-strength concrete. <i>Cement and Concrete Research</i> , 2004, 34, 109-117.	4.6	205
25	SBR latex modified mortar rheology and mechanical behaviour. <i>Cement and Concrete Research</i> , 2004, 34, 527-535.	4.6	141
26	Seismic reponse of a new design for vertical joints in architectural panels. <i>Engineering Structures</i> , 2003, 25, 1655-1664.	2.6	5
27	Static and dynamic behaviour of recycled tyre rubber-filled concrete. <i>Cement and Concrete Research</i> , 2002, 32, 1587-1596.	4.6	319
28	Development of cork-gypsum composites for building applications. <i>Construction and Building Materials</i> , 1999, 13, 179-186.	3.2	149
29	Analytical simulation of stress wave propagation in composite materials. <i>Composite Structures</i> , 1999, 45, 125-129.	3.1	18
30	An analytical study of the effect of slamming pressures on the interlaminar behaviour of composite panels. <i>Composite Structures</i> , 1999, 46, 357-365.	3.1	11
31	Sintering of natural anhydrite-glass composite. <i>Journal of the European Ceramic Society</i> , 1997, 17, 743-748.	2.8	1
32	An analytical model to predict impact behaviour of soft armours. <i>International Journal of Impact Engineering</i> , 1995, 16, 455-466.	2.4	113
33	Experimental analysis of toughness and modulus of rupture increase of sisal short fiber reinforced hemihydrated gypsum. <i>Composite Structures</i> , 1992, 22, 123-137.	3.1	48
34	Experimental analysis of tungsten coarsening in a heavy metal during liquid phase sintering. <i>Acta Metallurgica</i> , 1989, 37, 1865-1872.	2.1	12
35	Computer simulation of crack propagation in composite materials. <i>Engineering Fracture Mechanics</i> , 1989, 34, 909-915.	2.0	0
36	A quantitative assessment of forest-hardening in f.c.c. metals. <i>Acta Metallurgica</i> , 1987, 35, 631-641.	2.1	44