

Miguel Serrano-Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,016
citations

687363

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501196

28
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31
all docs

31
docs citations

31
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Waste from Granite Gang Saws to Manufacture Ultra-High Performance Concrete Reinforced with Steel Fibers. Applied Sciences (Switzerland), 2021, 11, 1764.	2.5	3
2	Approaches to the Mechanical Properties of Threaded Studs Welded to RHS Columns. Materials, 2021, 14, 1429.	2.9	2
3	An experimental study of I beam-RHS column demountable joints with welded studs. Journal of Constructional Steel Research, 2021, 182, 106651.	3.9	8
4	Stiffness of equal width welded I-beam to RHS column connection. Ce/Papers, 2021, 4, 2459-2464.	0.3	0
5	Use of Mining Waste to Produce Ultra-High-Performance Fibre-Reinforced Concrete. Materials, 2020, 13, 2457.	2.9	6
6	Design of Flexible Structural System for Building Customization. Advances in Civil Engineering, 2019, 2019, 1-18.	0.7	8
7	Comparative behaviour of I-beam- RHS column joints with and without web weld. Journal of Constructional Steel Research, 2019, 159, 330-340.	3.9	3
8	The Resistance of Welded Joints of Galvanized RHS Trusses with Different Vent Hole Geometries. Applied Sciences (Switzerland), 2019, 9, 1553.	2.5	2
9	The Influence of Granite Cutting Waste on The Properties of Ultra-High Performance Concrete. Materials, 2019, 12, 634.	2.9	25
10	Mechanical properties of prestressed joists made using recycled ceramic aggregates. Construction and Building Materials, 2019, 194, 132-142.	7.2	8
11	The Influence of the Heat-Affected Zone Mechanical Properties on the Behaviour of the Welding in Transverse Plate-to-Tube Joints. Materials, 2018, 11, 266.	2.9	6
12	Influence of recycled brick aggregates on properties of structural concrete for manufacturing precast prestressed beams. Construction and Building Materials, 2017, 149, 507-514.	7.2	62
13	Influence of the ceramic recycled aggregates in the masonry mortars properties. Construction and Building Materials, 2017, 132, 457-461.	7.2	20
14	Use of recycled mixed aggregates in floor blocks manufacturing. Journal of Cleaner Production, 2017, 167, 713-722.	9.3	32
15	Simplified Models for the Material Characterization of Cold-Formed RHS. Materials, 2017, 10, 1043.	2.9	8
16	A simplified FE simulation of welded I beam-to-RHS column joints. International Journal of Steel Structures, 2016, 16, 1095-1105.	1.3	13
17	Life cycle assessment for concrete kerbs manufactured with recycled aggregates. Journal of Cleaner Production, 2016, 113, 41-53.	9.3	52
18	Influence of the water variation on the mechanical properties of concrete manufactured with recycled mixed aggregates for pre-stressed components. Construction and Building Materials, 2015, 94, 844-850.	7.2	20

#	ARTICLE	IF	CITATIONS
19	Combined effect of steel fibre and expanded vermiculite on properties of lightweight mortar at elevated temperatures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 2083-2092.	3.1	22
20	The effect of curing conditions on the compressive strength of recycled aggregate concrete. <i>Construction and Building Materials</i> , 2014, 53, 260-266.	7.2	69
21	The component $\hat{\sim}$ lateral faces of RHS $\hat{\sim}$ ™ under compression at ambient and high temperature. <i>International Journal of Steel Structures</i> , 2014, 14, 13-22.	1.3	6
22	A web-based training approach for the structural steel design. <i>Computer Applications in Engineering Education</i> , 2013, 21, 448-458.	3.4	0
23	Static behavior of compressed braces in RHS K-joints of hot-dip galvanized trusses. <i>Journal of Constructional Steel Research</i> , 2013, 89, 307-316.	3.9	5
24	Manufacture of concrete kerbs and floor blocks with recycled aggregate from C&DW. <i>Construction and Building Materials</i> , 2013, 40, 1193-1199.	7.2	49
25	Assessment of properties of recycled concrete by means of a highly fractioned factorial design of experiment. <i>Construction and Building Materials</i> , 2011, 25, 3802-3809.	7.2	21
26	Stiffness of the component $\hat{\sim}$ lateral faces of RHS $\hat{\sim}$ ™ at high temperature. <i>Journal of Constructional Steel Research</i> , 2011, 67, 1835-1842.	3.9	13
27	Long term deformations by creep and shrinkage in recycled aggregate concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , 2010, 43, 1147-1160.	3.1	97
28	Resistance of the component $\hat{\sim}$ lateral faces of RHS $\hat{\sim}$ ™ at high temperature. <i>Engineering Structures</i> , 2010, 32, 1133-1139.	5.3	8
29	Influence of recycled aggregate quality and proportioning criteria on recycled concrete properties. <i>Waste Management</i> , 2009, 29, 3022-3028.	7.4	123
30	Creep and shrinkage of recycled aggregate concrete. <i>Construction and Building Materials</i> , 2009, 23, 2545-2553.	7.2	325