

Joana A R Sousa-Coutinho

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,172
citations

471509

17
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Municipal solid waste incineration bottom ash recycling in concrete: Preliminary approach with Oporto wastes. <i>Construction and Building Materials</i> , 2022, 323, 126548.	7.2	13
2	Construction and demolition waste as partial cement replacement. <i>Advances in Cement Research</i> , 2019, 31, 411-422.	1.6	13
3	Durability Enhancement Of SCC With Waste Glass Powder. <i>Materials Research</i> , 2016, 19, 67-74.	1.3	31
4	ASR and sulphate performance of mortar containing industrial waste. <i>Structural Concrete</i> , 2016, 17, 84-95.	3.1	18
5	Waste glass powder in cement: macro and micro scale study. <i>Advances in Cement Research</i> , 2016, 28, 423-432.	1.6	29
6	Cork waste in cement based materials. <i>Materials and Design</i> , 2015, 85, 230-239.	7.0	30
7	Strength and Durability of Mortar Using Cork Waste Ash as Cement Replacement. <i>Materials Research</i> , 2014, 17, 893-907.	1.3	25
8	Linking fresh and durability properties of paste to SCC mortar. <i>Cement and Concrete Composites</i> , 2014, 45, 209-226.	10.7	19
9	Granitic quarry sludge waste in mortar: Effect on strength and durability. <i>Construction and Building Materials</i> , 2013, 47, 1001-1009.	7.2	126
10	Strength and durability of cement with forest waste bottom ash. <i>Construction and Building Materials</i> , 2013, 41, 897-910.	7.2	81
11	Mortar with wood waste ash: Mechanical strength carbonation resistance and ASR expansion. <i>Construction and Building Materials</i> , 2013, 49, 343-351.	7.2	82
12	Low embodied energy cement containing untreated RHA: A strength development and durability study. <i>Construction and Building Materials</i> , 2013, 49, 455-463.	7.2	50
13	Mixture design of self-compacting glass mortar. <i>Cement and Concrete Composites</i> , 2013, 43, 1-11.	10.7	54
14	Robust SCC Mixes through Mix Design. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 183-193.	2.9	21
15	Durability of mortar using waste glass powder as cement replacement. <i>Construction and Building Materials</i> , 2012, 36, 205-215.	7.2	287
16	Rice husk derived waste materials as partial cement replacement in lightweight concrete. <i>Ciencia E Agrotecnologia</i> , 2012, 36, 567-578.	1.5	8
17	Rheological characterization of SCC mortars and pastes with changes induced by cement delivery. <i>Cement and Concrete Composites</i> , 2011, 33, 103-115.	10.7	24
18	Interaction diagrams to assess SCC mortars for different cement types. <i>Construction and Building Materials</i> , 2009, 23, 1401-1412.	7.2	26

#	ARTICLE	IF	CITATIONS
19	Combined effect of two sustainable technologies: Self-compacting concrete (SCC) and controlled permeability formwork (CPF). <i>Construction and Building Materials</i> , 2009, 23, 2518-2526.	7.2	37
20	A methodology to assess robustness of SCC mixtures. <i>Cement and Concrete Research</i> , 2006, 36, 2115-2122.	11.0	57
21	The combined benefits of CPF and RHA in improving the durability of concrete structures. <i>Cement and Concrete Composites</i> , 2003, 25, 51-59.	10.7	135
22	Strength, ASR and Chloride Penetration of Mortar with Granite Waste Powder. <i>Key Engineering Materials</i> , 0, 634, 139-150.	0.4	5
23	Influence of Recycled Fines on Strength and Alkali-Silica Reactivity in cement composites. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 0, , 1-27.	0.8	1