

# Joana A R Sousa-Coutinho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8106828/publications.pdf>

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	Durability of mortar using waste glass powder as cement replacement. Construction and Building Materials, 2012, 36, 205-215.	7.2	287
2	The combined benefits of CPF and RHA in improving the durability of concrete structures. Cement and Concrete Composites, 2003, 25, 51-59.	10.7	135
3	Granitic quarry sludge waste in mortar: Effect on strength and durability. Construction and Building Materials, 2013, 47, 1001-1009.	7.2	126
4	Mortar with wood waste ash: Mechanical strength carbonation resistance and ASR expansion. Construction and Building Materials, 2013, 49, 343-351.	7.2	82
5	Strength and durability of cement with forest waste bottom ash. Construction and Building Materials, 2013, 41, 897-910.	7.2	81
6	A methodology to assess robustness of SCC mixtures. Cement and Concrete Research, 2006, 36, 2115-2122.	11.0	57
7	Mixture design of self-compacting glass mortar. Cement and Concrete Composites, 2013, 43, 1-11.	10.7	54
8	Low embodied energy cement containing untreated RHA: A strength development and durability study. Construction and Building Materials, 2013, 49, 455-463.	7.2	50
9	Combined effect of two sustainable technologies: Self-compacting concrete (SCC) and controlled permeability formwork (CPF). Construction and Building Materials, 2009, 23, 2518-2526.	7.2	37
10	Durability Enhancement Of SCC With Waste Glass Powder. Materials Research, 2016, 19, 67-74.	1.3	31
11	Cork waste in cement based materials. Materials and Design, 2015, 85, 230-239.	7.0	30
12	Waste glass powder in cement: macro and micro scale study. Advances in Cement Research, 2016, 28, 423-432.	1.6	29
13	Interaction diagrams to assess SCC mortars for different cement types. Construction and Building Materials, 2009, 23, 1401-1412.	7.2	26
14	Strength and Durability of Mortar Using Cork Waste Ash as Cement Replacement. Materials Research, 2014, 17, 893-907.	1.3	25
15	Rheological characterization of SCC mortars and pastes with changes induced by cement delivery. Cement and Concrete Composites, 2011, 33, 103-115.	10.7	24
16	Robust SCC Mixes through Mix Design. Journal of Materials in Civil Engineering, 2013, 25, 183-193.	2.9	21
17	Linking fresh and durability properties of paste to SCC mortar. Cement and Concrete Composites, 2014, 45, 209-226.	10.7	19
18	ASR and sulphate performance of mortar containing industrial waste. Structural Concrete, 2016, 17, 84-95.	3.1	18

#	ARTICLE	IF	CITATIONS
19	Construction and demolition waste as partial cement replacement. <i>Advances in Cement Research</i> , 2019, 31, 411-422.	1.6	13
20	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
21	Rice husk derived waste materials as partial cement replacement in lightweight concrete. <i>Ciencia E Agrotecnologia</i> , 2012, 36, 567-578.	1.5	8
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