

Sandra Nunes

List of Publications by Year in descending order

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papers

838
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394421

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28
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42
all docs

42
docs citations

42
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-level study on UHPFRC incorporating ECat. Construction and Building Materials, 2022, 318, 125976.	7.2	1
2	Experimental investigation on punching shear behaviour of RC-(R)UHPFRC composite flat slabs without transverse reinforcement. Engineering Structures, 2022, 255, 113951.	5.3	7
3	Shear behaviour of RC-UHPFRC composite beams without transverse reinforcement. Engineering Structures, 2022, 257, 114053.	5.3	5
4	Chloride Ion Penetration into Cracked UHPFRC During Wetting-drying Cycles. RILEM Bookseries, 2021, , 227-238.	0.4	1
5	Key Factors for Implementing Magnetic NDT Method on Thin UHPFRC Bridge Elements. Materials, 2021, 14, 4353.	2.9	1
6	Durability of an UHPC containing spent equilibrium catalyst. Construction and Building Materials, 2021, 305, 124681.	7.2	10
7	Self-compacting concrete also standing for sustainable circular concrete. , 2021, , 439-480.		2
8	Durability of an UHPFRC under mechanical and chloride loads. Construction and Building Materials, 2021, 311, 125223.	7.2	12
9	Quaternary blends of portland cement, metakaolin, biomass ash and granite powder for production of self-compacting concrete. Journal of Cleaner Production, 2020, 266, 121666.	9.3	28
10	Spent equilibrium catalyst as internal curing agent in UHPFRC. Cement and Concrete Composites, 2019, 104, 103362.	10.7	29
11	Capillary Transport of Water in Cracked and Non-cracked UHPFRC Specimens. Journal of Advanced Concrete Technology, 2019, 17, 244-259.	1.8	7
12	A meso-mechanical model to simulate the tensile behaviour of ultra-high performance fibre-reinforced cementitious composites. Composite Structures, 2019, 222, 110911.	5.8	33
13	The Tectonics of Digitally Fabricated Concrete. A Case for Robotic Hot Wire Cutting. RILEM Bookseries, 2019, , 311-322.	0.4	4
14	Design of self-compacting high-performance concrete: Study of mortar phase. Construction and Building Materials, 2018, 167, 617-630.	7.2	26
15	Self-compacting concrete incorporating sugarcane bagasse ash. Construction and Building Materials, 2018, 172, 635-649.	7.2	89
16	The Effect of Fibre Orientation on the Uniaxial Tensile Response of UHPFRC: Experimental Evaluation and Analytical Modelling. , 2018, , 173-181.		3
17	Modelling and Experimental Characterization of the Tensile Response of Ultra-High Performance Fibre-Reinforced Cementitious Composites. RILEM Bookseries, 2018, , 106-114.	0.4	2
18	Numerical optimization of self-compacting mortar mixture containing spent equilibrium catalyst from oil refinery. Journal of Cleaner Production, 2017, 158, 109-121.	9.3	28

#	ARTICLE	IF	CITATIONS
19	Influence of fibre orientation on the tensile behaviour of ultra-high performance fibre reinforced cementitious composites. Cement and Concrete Research, 2017, 97, 28-40.	11.0	147
20	Estimation of the tensile strength of UHPFRC layers based on non-destructive assessment of the fibre content and orientation. Cement and Concrete Composites, 2017, 83, 222-238.	10.7	33
21	Rheology and mechanical aspects of a self-compacting soil-cement in the fresh state. Revista Materia, 2017, 22, .	0.2	0
22	Durability Enhancement Of SCC With Waste Glass Powder. Materials Research, 2016, 19, 67-74.	1.3	31
23	Non-destructive assessment of fibre content and orientation in UHPFRC layers based on a magnetic method. Cement and Concrete Composites, 2016, 72, 66-79.	10.7	26
24	Cork waste in cement based materials. Materials and Design, 2015, 85, 230-239.	7.0	30
25	Linking fresh and durability properties of paste to SCC mortar. Cement and Concrete Composites, 2014, 45, 209-226.	10.7	19
26	Estudo do solo-cimento-autoadensável produzido com solos da região do Porto-PT. PARTE II: avaliação da resistência e desempenho mecânico por meio da medição da resistividade elétrica e velocidade de propagação de ondas de ultrassom.. REEC: Revista Eletrônica De Engenharia Civil, 2014, 9, .	0.1	0
27	Estudo do solo-cimento-autoadensável produzido com solos da região do Porto-PT. PARTE I: caracterização de propriedades mecânicas. REEC: Revista Eletrônica De Engenharia Civil, 2014, 9, .	0.1	1
28	Mixture design of self-compacting glass mortar. Cement and Concrete Composites, 2013, 43, 1-11.	10.7	54
29	Robust SCC Mixes through Mix Design. Journal of Materials in Civil Engineering, 2013, 25, 183-193.	2.9	21
30	Influence of shrinkage reducing admixtures on distinct SCC mix compositions. Construction and Building Materials, 2012, 35, 304-312.	7.2	27
31	Rheological characterization of SCC mortars and pastes with changes induced by cement delivery. Cement and Concrete Composites, 2011, 33, 103-115.	10.7	24
32	Interaction diagrams to assess SCC mortars for different cement types. Construction and Building Materials, 2009, 23, 1401-1412.	7.2	26
33	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
34	SCC and conventional concrete on site: property assessment. Revista IBRACON De Estruturas E Materiais, 2009, 2, 25-36.	0.6	2
35	A methodology to assess robustness of SCC mixtures. Cement and Concrete Research, 2006, 36, 2115-2122.	11.0	57
36	Determination of the Tensile Response of UHPFRC Layers Using a Non-Destructive Method for Assessing the Fiber Content and Orientation. , 0, , .		2

#	ARTICLE	IF	CITATIONS
37	Betão auto-compactável com incorporação de resíduo de mármore. , 0, , .		1
38	Betão auto-compactável com resíduo agroindustrial. , 0, , .		0
39	Determinação da resistência à tração de camadas de UHPFRC com base em ensaio não-destrutivo. , 0, , .		1