Marta Roig Flores

List of Publications by Year
in descending order

27 papers	1,283 citations	840119 11 h-index	525886 27 g-index
31 all docs	31 docs citations	31 times ranked	702 citing authors

#	Article	IF	Citations
1	Mechanical and Durability Assessment of Concretes Obtained from Recycled Ultra-High Performance Concretes. RILEM Bookseries, 2022, , 947-957.	0.2	1
2	Preliminary study on the fresh and mechanical properties of UHPC made with recycled UHPC aggregates. European Journal of Environmental and Civil Engineering, 2022, 26, 7427-7442.	1.0	2
3	Preliminary Study of the Fresh and Hard Properties of UHPC That Is Used to Produce 3D Printed Mortar. Materials, 2022, 15, 2750.	1.3	1
4	Autogenous healing in ultra-high-performance fibre reinforced concrete: application in two reduced scale water reservoirs. MATEC Web of Conferences, 2022, 361, 05003.	0.1	0
5	Self-healing of concrete containing commercial bacteria by means of water and chlorides permeability. MATEC Web of Conferences, 2022, 361, 05010.	0.1	3
6	Autogenous Healing in Ultra-High-Performance Fibre Reinforced Concrete: application in two reduced scale water reservoirs. MATEC Web of Conferences, 2022, 361, 01005.	0.1	0
7	Evolution of thermo-mechanical properties of concrete with calcium aluminate cement and special aggregates for energy storage. Cement and Concrete Research, 2021, 141, 106323.	4.6	25
8	Thermal conductivity of concrete at high temperatures for thermal energy storage applications: Experimental analysis. Solar Energy, 2021, 214, 430-442.	2.9	16
9	Effect of Binary-Use Mineral Admixtures for the Advanced Autogenous Self-healing Behavior of Fiber-Reinforced Cementitious Composites. RILEM Bookseries, 2021, , 389-401.	0.2	1
10	Self-healing concrete-What Is it Good For?. Materiales De Construccion, 2021, 71, e237.	0.2	13
11	Porous Structure of Ultra-High-Performance Fibre-Reinforced Concretes. Materials, 2021, 14, 1637.	1.3	10
12	Characterization of Glass Powder from Glass Recycling Process Waste and Preliminary Testing. Materials, 2021, 14, 2971.	1.3	6
13	A Study of the Flexural Behavior of Fiber-Reinforced Concretes Exposed to Moderate Temperatures. Materials, 2021, 14, 3522.	1.3	5
14	Self-healing efficiency of Ultra High-Performance Fiber-Reinforced Concrete through permeability to chlorides. Construction and Building Materials, 2021, 310, 125168.	3.2	23
15	Influence of Cracking on Oxygen Transport in UHPFRC Using Stainless Steel Sensors. Applied Sciences (Switzerland), 2020, 10, 239.	1.3	4
16	Concrete Early-Age Crack Closing by Autogenous Healing. Sustainability, 2020, 12, 4476.	1.6	24
17	Compatibility tests between high temperature concrete and molten salts to be used for a thermal energy storage. AIP Conference Proceedings, 2019, , .	0.3	4
18	Effect of crack pattern on the self-healing capability in traditional, HPC and UHPFRC concretes measured by water and chloride permeability. MATEC Web of Conferences, 2019, 289, 01006.	0.1	12

#	Article	IF	Citations
19	Experimental characterization of the self-healing capacity of cement based materials and its effects on the material performance: A state of the art report by COST Action SARCOS WG2. Construction and Building Materials, 2018, 167, 115-142.	3.2	183
20	A Review of Selfâ€Healing Concrete for Damage Management of Structures. Advanced Materials Interfaces, 2018, 5, 1800074.	1.9	412
21	Experimental Characterization of the Self-Healing Capacity of Cement Based Materials: An Overview. Proceedings (mdpi), 2018, 2, 454.	0.2	4
22	Interfacial Transition Zone in Mature Fiber-Reinforced Concretes. ACI Materials Journal, 2018, 115, .	0.3	1
23	Effects of autogenous healing on the recovery of mechanical performance of High Performance Fibre Reinforced Cementitious Composites (HPFRCCs): Part 1. Cement and Concrete Composites, 2017, 83, 76-100.	4.6	85
24	Effect of crystalline admixtures on the self-healing capability of early-age concrete studied by means of permeability and crack closing tests. Construction and Building Materials, 2016, 114, 447-457.	3.2	209
25	Self-healing capability of concrete with crystalline admixtures in different environments. Construction and Building Materials, 2015, 86, 1-11.	3.2	229
26	Capacidad de autosanaciÃ³n de mortero con aditivos cristalinos mediante absorciÃ³n capilar. , 0, , .		1
27	Influencia de aditivos orgÃ¡nicos en las propiedades reolÃ³gicas de pastas de cemento de aluminato de calcio. , 0, , .		0