

Marta Roig Flores

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2906071/publications.pdf>

Version: 2024-02-01

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	A Review of Self-Healing Concrete for Damage Management of Structures. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800074.	1.9	412
2	Self-healing capability of concrete with crystalline admixtures in different environments. <i>Construction and Building Materials</i> , 2015, 86, 1-11.	3.2	229
3	Effect of crystalline admixtures on the self-healing capability of early-age concrete studied by means of permeability and crack closing tests. <i>Construction and Building Materials</i> , 2016, 114, 447-457.	3.2	209
4	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. <i>Construction and Building Materials</i> , 2018, 167, 115-142.	3.2	183
5	Effects of autogenous healing on the recovery of mechanical performance of High Performance Fibre Reinforced Cementitious Composites (HPFRCCs): Part 1. <i>Cement and Concrete Composites</i> , 2017, 83, 76-100.	4.6	85
6	Evolution of thermo-mechanical properties of concrete with calcium aluminate cement and special aggregates for energy storage. <i>Cement and Concrete Research</i> , 2021, 141, 106323.	4.6	25
7	Concrete Early-Age Crack Closing by Autogenous Healing. <i>Sustainability</i> , 2020, 12, 4476.	1.6	24
8	Self-healing efficiency of Ultra High-Performance Fiber-Reinforced Concrete through permeability to chlorides. <i>Construction and Building Materials</i> , 2021, 310, 125168.	3.2	23
9	Thermal conductivity of concrete at high temperatures for thermal energy storage applications: Experimental analysis. <i>Solar Energy</i> , 2021, 214, 430-442.	2.9	16
10	Self-healing concrete-What Is it Good For?. <i>Materiales De Construccion</i> , 2021, 71, e237.	0.2	13
11	Effect of crack pattern on the self-healing capability in traditional, HPC and UHPFRC concretes measured by water and chloride permeability. <i>MATEC Web of Conferences</i> , 2019, 289, 01006.	0.1	12
12	Porous Structure of Ultra-High-Performance Fibre-Reinforced Concretes. <i>Materials</i> , 2021, 14, 1637.	1.3	10
13	Characterization of Glass Powder from Glass Recycling Process Waste and Preliminary Testing. <i>Materials</i> , 2021, 14, 2971.	1.3	6
14	A Study of the Flexural Behavior of Fiber-Reinforced Concretes Exposed to Moderate Temperatures. <i>Materials</i> , 2021, 14, 3522.	1.3	5
15	Experimental Characterization of the Self-Healing Capacity of Cement Based Materials: An Overview. <i>Proceedings (mdpi)</i> , 2018, 2, 454.	0.2	4
16	Compatibility tests between high temperature concrete and molten salts to be used for a thermal energy storage. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
17	Influence of Cracking on Oxygen Transport in UHPFRC Using Stainless Steel Sensors. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 239.	1.3	4
18	Self-healing of concrete containing commercial bacteria by means of water and chlorides permeability. <i>MATEC Web of Conferences</i> , 2022, 361, 05010.	0.1	3

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Mechanical and Durability Assessment of Concretes Obtained from Recycled Ultra-High Performance Concretes. RILEM Bookseries, 2022, , 947-957.	0.2	1
22	Interfacial Transition Zone in Mature Fiber-Reinforced Concretes. ACI Materials Journal, 2018, 115, .	0.3	1
23	Capacidad de autosanaci3n de mortero con aditivos cristalinos mediante absorci3n capilar. , 0, , .		1
24	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
25	Influencia de aditivos org3nicos en las propiedades reol3gicas de pastas de cemento de aluminato de calcio. , 0, , .		0
26	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
27	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