EstefanÃ-a Cuenca

List of Publications by Year
in descending order

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23	1,011	516561	713332
papers	citations	16	21
		h-index	g-index

24	24	24	636
all docs	docs citations	times ranked	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	Effects of Alumina Nanofibers and Cellulose Nanocrystals on Durability and Self-Healing Capacity of Ultrahigh-Performance Fiber-Reinforced Concretes. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	23
3	Synergy between crystalline admixtures and nano-constituents in enhancing autogenous healing capacity of cementitious composites under cracking and healing cycles in aggressive waters. Construction and Building Materials, 2021, 266, 121447.	3.2	61
4	Crystalline Admixture as Healing Promoter in Concrete Exposed to Chloride-Rich Environments: Experimental Study. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	32
5	Autogenous Self-Healing Capacity of Early-Age Ultra-High-Performance Fiber-Reinforced Concrete. Sustainability, 2021, 13, 3061.	1.6	13
6	Mechanical properties and self-healing capacity of Ultra High Performance Fibre Reinforced Concrete with alumina nano-fibres: Tailoring Ultra High Durability Concrete for aggressive exposure scenarios. Cement and Concrete Composites, 2021, 118, 103956.	4.6	57
7	Performance Assessment of Ultra-High Durability Concrete Produced From Recycled Ultra-High Durability Concrete. Frontiers in Built Environment, 2021, 7, .	1.2	16
8	Influence of fiber orientation on the behavior of fiber reinforced concrete slabs. Structural Concrete, 2021, 22, 1831-1844.	1.5	11
9	Effects of Autogenous and Stimulated Self-Healing on Durability and Mechanical Performance of UHPFRC: Validation of Tailored Test Method through Multi-Performance Healing-Induced Recovery Indices. Sustainability, 2021, 13, 11386.	1.6	30
10	Fracture toughness parameters to assess crack healing capacity of fiber reinforced concrete under repeated cracking-healing cycles. Theoretical and Applied Fracture Mechanics, 2020, 106, 102468.	2.1	27
11	Shear transfer across a crack in ordinary and alkali activated concrete reinforced by different fibre types. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	1.3	12
12	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
13	A material-performance-based database for FRC and RC elements under shear loading. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	24
14	Crack sealing capacity in chloride-rich environments of mortars containing different cement substitutes and crystalline admixtures. Journal of Sustainable Cement-Based Materials, 2018, 7, 141-159.	1.7	60
15	A methodology to assess crack-sealing effectiveness of crystalline admixtures under repeated cracking-healing cycles. Construction and Building Materials, 2018, 179, 619-632.	3.2	119
16	Self-healing capacity of fiber reinforced cementitious composites. State of the art and perspectives. KSCE Journal of Civil Engineering, 2017, 21, 2777-2789.	0.9	58
17	Influence of concrete matrix and type of fiber on the shear behavior of self-compacting fiber reinforced concrete beams. Composites Part B: Engineering, 2015, 75, 135-147.	5.9	60
18	On Shear Behavior of Structural Elements Made of Steel Fiber Reinforced Concrete. Springer Theses, 2015, , .	0.0	10

#	Article	IF	Citations
19	Experimental Tests to Study the Influence on the Shear Behavior of Fibers of Different Characteristics. Springer Theses, 2015, , 107-123.	0.0	0
20	Are steel fibres able to mitigate or eliminate size effect in shear?. Materials and Structures/Materiaux Et Constructions, 2014, 47, 459-473.	1.3	83
21	Shear behavior of prestressed precast beams made of self-compacting fiber reinforced concrete. Construction and Building Materials, 2013, 45, 145-156.	3.2	53
22	Failure modes and shear design of prestressed hollow core slabs made of fiber-reinforced concrete. Composites Part B: Engineering, 2013, 45, 952-964.	5.9	62
23	Shear Behavior of Self-Compacting Concrete and Fiber-Reinforced Concrete Push-Off Specimens. , 2010, , 429-438.		16