Anaclet Turatsinze

List of Publications by Year
in descending order

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		687363	610901
25	838	13	24
papers	citations	h-index	g-index

25	25	25	756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the modulus of elasticity and strain capacity of Self-Compacting Concrete incorporating rubber aggregates. Resources, Conservation and Recycling, 2008, 52, 1209-1215.	10.8	209
2	Effects of rubber aggregates from grinded used tyres on the concrete resistance to cracking. Journal of Cleaner Production, 2012, 23, 209-215.	9.3	116
3	Potential of rubber aggregates to modify properties of cement based-mortars: Improvement in cracking shrinkage resistance. Construction and Building Materials, 2007, 21, 176-181.	7.2	113
4	Basic creep of concrete under compression, tension and bending. Construction and Building Materials, 2013, 38, 173-180.	7.2	84
5	Tensile, compressive and flexural basic creep of concrete at different stress levels. Cement and Concrete Research, 2013, 52, 1-10.	11.0	80
6	Application of rubberized cement-based composites in pavements: Suitability and considerations. Construction and Building Materials, 2019, 223, 1182-1195.	7.2	34
7	Bond stress-slip behaviour of steel reinforcing bar embedded in hybrid fiber-reinforced concrete. KSCE Journal of Civil Engineering, 2013, 17, 1700-1707.	1.9	29
8	Interface Between an Old Concrete and a Bonded Overlay: Debonding Mechanism. Journal of Materials Science, 2004, 12, 381-388.	1.2	25
9	Flexural and shear behavior of steel fiber reinforced SCC beams. KSCE Journal of Civil Engineering, 2013, 17, 1383-1393.	1.9	23
10	A study on the reinforced fibrous concrete elements subjected to uniaxial tensile loading. KSCE Journal of Civil Engineering, 2010, 14, 547-556.	1.9	20
11	Finite element modelling of hardening concrete: application to the prediction of early age cracking for massive reinforced structures. Materials and Structures/Materiaux Et Constructions, 2011, 44, 1821-1835.	3.1	20
12	Metallic fiber-reinforced concrete behaviour: Experiments and constitutive law for finite element modeling. Engineering Fracture Mechanics, 2013, 103, 124-131.	4.3	17
13	Steel-fibre-reinforcement and hydration coupled effects on concrete tensile behaviour. Engineering Fracture Mechanics, 2008, 75, 5207-5216.	4.3	14
14	Effect of surface preparation of substrate on bond tensile strength of thin bonded cement-based overlays. International Journal of Pavement Research and Technology, 2020, 13, 197-204.	2.6	9
15	Cementitious composites incorporating Multi-Walled Carbon Nanotubes (MWCNTs): effects of annealing and other dispersion methods on the electrical and mechanical properties. Materiaux Et Techniques, 2022, 110, 104.	0.9	9
16	Rubberised concrete: from laboratory findings to field experiment validation. International Journal of Pavement Engineering, 2018, 19, 883-892.	4.4	7
17	Rubberised concrete for the design of pavement on soil. International Journal of Materials Engineering Innovation, 2012, 3, 101.	0.5	6
18	Damage Modeling of Metallic Fiber-Reinforced Concrete. Procedia Engineering, 2011, 10, 1670-1678.	1.2	5

#	Article	IF	Citations
19	Design and characterization of self-sensing steel fiber reinforced concrete. MATEC Web of Conferences, 2018, 199, 11008.	0.2	4
20	Damage model for concrete reinforced with sliding metallic fibers. International Journal of Mechanics and Materials in Design, 2011, 7, 83-97.	3.0	3
21	Simplified approach to model steel rebar-concrete interface in reinforced concrete. KSCE Journal of Civil Engineering, 2017, 21, 1291-1298.	1.9	3
22	Fracture energy of fiber-reinforced and rubberized cement-based composites: A sustainable approach towards recycling of waste scrap tires. Energy and Environment, 0, , 0958305X2210892.	4.6	3
23	An Experimental Approach for Characterisation of Concrete Damage Using the Wheatstone Bridge Circuit. International Journal of Civil Engineering, 2022, 20, 75-89.	2.0	2
24	Debonding of Thin Bonded Rubberised Fibre-Reinforced Cement-Based Repairs under Monotonic Loading: Experimental and Numerical Investigation. Materials, 2022, 15, 3886.	2.9	2
25	On the use of European and American building codes with low-strength mortars. Structural Concrete, 2015, 16, 36-44.	3.1	1