

CITATION REPORT

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Evaluation of FLWA and SRAs on autogenous deformation and long-term drying shrinkage of high performance concrete

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#	Paper	IF	Citations
35	Influence of reinforcement configuration on the shrinkage and cracking potential of high-performance concrete. <i>Construction and Building Materials</i> , 2017 , 140, 20-30	6.7	11
34	An overview on the effect of internal curing on shrinkage of high performance cement-based materials. <i>Construction and Building Materials</i> , 2017 , 146, 702-712	6.7	119
33	Shrinkage of self-compacting concrete. A comparative analysis. <i>Journal of Building Engineering</i> , 2017 , 9, 117-124	5.2	13
32	Experimental investigation on the compressive strength and shrinkage of concrete with pre-wetted lightweight aggregates. <i>Construction and Building Materials</i> , 2017 , 155, 867-879	6.7	24
31	Effect of silica fume and PVA fiber on the abrasion resistance and volume stability of concrete. <i>Composites Part B: Engineering</i> , 2017 , 130, 28-37	10	67
30	Effectiveness of Saturated Coral Aggregate and Shrinkage Reducing Admixture on the Autogenous Shrinkage of Ultrahigh Performance Concrete. <i>Advances in Materials Science and Engineering</i> , 2017 , 2017, 1-11	1.5	7
29	Energy saving benefit, mechanical performance, volume stabilities, hydration properties and products of low heat cement-based materials. <i>Energy and Buildings</i> , 2018 , 170, 157-169	7	30
28	Experimental investigation on the autogenous shrinkage of steam cured ultra-high performance concrete. <i>Construction and Building Materials</i> , 2018 , 162, 512-522	6.7	50
27	Environmental evaluation, hydration, pore structure, volume deformation and abrasion resistance of low heat Portland (LHP) cement-based materials. <i>Journal of Cleaner Production</i> , 2018 , 203, 540-558	10.3	34
26	Mechanical properties, long-term hydration heat, shrinkage behavior and crack resistance of dam concrete designed with low heat Portland (LHP) cement and fly ash. <i>Construction and Building Materials</i> , 2018 , 187, 1073-1091	6.7	44
25	Mitigation techniques for autogenous shrinkage of ultra-high-performance concrete [A review]. <i>Composites Part B: Engineering</i> , 2019 , 178, 107456	10	67
24	10000 years cement [Can hydrated cement last as much as long-lived radionuclides?]. <i>Cement and Concrete Composites</i> , 2019 , 103, 339-352	8.6	6
23	A review on the use of LWA as an internal curing agent of high performance cement-based materials. <i>Construction and Building Materials</i> , 2019 , 218, 385-393	6.7	36
22	Capillary tension theory for predicting shrinkage of concrete restrained by reinforcement bar in early age. <i>Construction and Building Materials</i> , 2019 , 210, 63-70	6.7	7
21	Influence of Steel Plates and Studs on Shrinkage Behavior and Cracking Potential of High-Performance Concrete. <i>Materials</i> , 2019 , 12,	3.5	3
20	A comparative study on the practical utilization of iron tailings as a complete replacement of normal aggregates in dam concrete with different gradation. <i>Journal of Cleaner Production</i> , 2019 , 211, 704-715	10.3	38
19	Shrinkage and strength development of UHSC incorporating a hybrid system of SAP and SRA. <i>Cement and Concrete Composites</i> , 2019 , 97, 175-189	8.6	42

18	Application of shrinkage reducing admixture in concrete: A review. <i>Construction and Building Materials</i> , 2019 , 201, 676-690	6.7	54
17	Influence of Barchip fiber on early-age autogenous shrinkage of high-strength concrete internally cured with super absorbent polymers. <i>Construction and Building Materials</i> , 2020 , 264, 119983	6.7	11
16	Prediction on the shrinkage of concrete under the restraints of steel plates and studs based on the capillary tension theory. <i>Construction and Building Materials</i> , 2020 , 258, 119499	6.7	4
15	Effect of expansive agents on the workability, crack resistance and durability of shrinkage-compensating concrete with low contents of fibers. <i>Construction and Building Materials</i> , 2020 , 259, 119768	6.7	15
14	Comparison between the effects of phosphorous slag and fly ash on the C-S-H structure, long-term hydration heat and volume deformation of cement-based materials. <i>Construction and Building Materials</i> , 2020 , 250, 118807	6.7	80
13	Strategies to mitigate shrinkage in an intermediate strength self-compacting concrete. <i>Structural Concrete</i> , 2021 , 22, E581	2.6	1
12	COMPARISON OF FLY ASH, PVA FIBER, MGO AND SHRINKAGE-REDUCING ADMIXTURE ON THE FROST RESISTANCE OF FACE SLAB CONCRETE VIA PORE STRUCTURAL AND FRACTAL ANALYSIS. <i>Fractals</i> , 2021 , 29, 2140002	3.2	74
11	The role of moisture transport mechanisms on the performance of lightweight aggregates in internal curing. <i>Construction and Building Materials</i> , 2021 , 268, 121191	6.7	5
10	Hydration, shrinkage, pore structure and fractal dimension of silica fume modified low heat Portland cement-based materials. <i>Construction and Building Materials</i> , 2021 , 272, 121952	6.7	66
9	Influence of Polyvinyl Alcohol Powder on the Mechanical Performance and Volume Stability of Sulfoaluminate Portland Cement Composite. <i>Crystals</i> , 2021 , 11, 692	2.3	1
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6	The Influence of Curing Time on Restrained Shrinkage Cracking of Concrete with Shrinkage Reducing Admixture. <i>Advances in Civil Engineering Materials</i> , 2019 , 8, 20190100	0.7	1
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4	Deformations in Cement Pastes during Capillary Imbibition and Their Relation to Water and Isopropanol as Imbibing Liquids.. <i>Materials</i> , 2021 , 15,	3.5	
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1	Application of cellulose fibre in ultra-high-performance concrete to mitigate autogenous shrinkage. 1-14		0

