

Tensile performance of sustainable Strain-Hardening C PVA and recycled PET fibers

Cement and Concrete Research

107, 110-123

DOI: [10.1016/j.cemconres.2018.02.013](https://doi.org/10.1016/j.cemconres.2018.02.013)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Tensile performance and impact resistance of Strain Hardening Cementitious Composites (SHCC) with recycled fibers. <i>Construction and Building Materials</i> , 2018, 171, 566-576.	3.2	62
2	Recycling polyethylene terephthalate wastes as short fibers in Strain-Hardening Cementitious Composites (SHCC). <i>Journal of Hazardous Materials</i> , 2018, 357, 40-52.	6.5	69
3	Structural behaviors of ultra-high performance engineered cementitious composites (UHP-ECC) beams subjected to bending-experimental study. <i>Construction and Building Materials</i> , 2018, 177, 102-115.	3.2	93
4	Experimental determination of crack-bridging constitutive relations of hybrid-fiber Strain-Hardening Cementitious Composites using digital image processing. <i>Construction and Building Materials</i> , 2018, 173, 359-367.	3.2	42
5	Micromechanical modeling of crack-bridging relations of hybrid-fiber Strain-Hardening Cementitious Composites considering interaction between different fibers. <i>Construction and Building Materials</i> , 2018, 182, 629-636.	3.2	36
6	Fiber-to-mortar bond behavior in TRM composites: Effect of embedded length and fiber configuration. <i>Composites Part B: Engineering</i> , 2018, 152, 43-57.	5.9	57
7	Fatigue deformation behavior and fiber failure mechanism of ultra-high toughness cementitious composites in compression. <i>Materials and Design</i> , 2018, 157, 457-468.	3.3	81
8	Theoretical analysis on optimal fiber-matrix interfacial bonding and corresponding fiber rupture effect for high ductility cementitious composites. <i>Construction and Building Materials</i> , 2019, 223, 841-851.	3.2	14
9	Mechanical performance of Strain-Hardening Cementitious Composites (SHCC) with hybrid polyvinyl alcohol and steel fibers. <i>Composite Structures</i> , 2019, 226, 111198.	3.1	79
10	Development of high strain-hardening lightweight engineered cementitious composites: Design and performance. <i>Cement and Concrete Composites</i> , 2019, 104, 103370.	4.6	101
11	Tensile characteristics of strain-hardening cement-based composites with different curing ages. <i>Construction and Building Materials</i> , 2019, 221, 709-719.	3.2	9
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13	Incorporation of micro-cracking and fibre bridging mechanisms in constitutive modelling of fibre reinforced concrete. <i>Journal of the Mechanics and Physics of Solids</i> , 2019, 133, 103732.	2.3	28
14	Effect of water to binder ratio and sand to binder ratio on shrinkage and mechanical properties of High-strength Engineered Cementitious Composite. <i>Construction and Building Materials</i> , 2019, 226, 899-909.	3.2	30
15	Sustainability of Engineered Cementitious Composites (ECC) Infrastructure. , 2019, , 261-312.		2
16	Development and Mechanical Performance of Fire-Resistive Engineered Cementitious Composites. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	1.3	8
17	Effect of morphological parameters of natural sand on mechanical properties of engineered cementitious composites. <i>Cement and Concrete Composites</i> , 2019, 100, 108-119.	4.6	80
18	Strengthening of reinforced concrete structure using sprayable fiber-reinforced cementitious composites with high ductility. <i>Composite Structures</i> , 2019, 220, 940-952.	3.1	77

#	ARTICLE	IF	CITATIONS
19	Impact of 3D Printing Direction on Mechanical Performance of Strain-Hardening Cementitious Composite (SHCC). RILEM Bookseries, 2019, , 255-265.	0.2	15
20	Fatigue Deformation Model of Plain and Fiber-Reinforced Concrete Based on Weibull Function. Journal of Structural Engineering, 2019, 145, .	1.7	71
21	Influence of bacterial incorporation on mechanical properties of engineered cementitious composites (ECC). Construction and Building Materials, 2019, 196, 195-203.	3.2	58
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29	Constitutive Modeling of New Synthetic Hybrid Fibers Reinforced Concrete from Experimental Testing in Uniaxial Compression and Tension. Crystals, 2020, 10, 885.	1.0	10
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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