CITATION REPORT List of articles citing

Testing Procedures for the Uniaxial Tensile Characterization of Fabric-Reinforced Cementitious Matrix Composites

DOI: 10.1061/(asce)cc.1943-5614.0000626 Journal of Composites for Construction, 2016, 20, 04015063.

Source: https://exaly.com/paper-pdf/65743005/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
108	Mechanical characterization of different FRCM systems for structural reinforcement. 2017 , 145, 565-57	75	71
107	Experimental analysis on tensile and bond properties of PBO and aramid fabric reinforced cementitious matrix for strengthening masonry structures. 2017 , 127, 175-195		121
106	Modelling the nonlinear behaviour of masonry walls strengthened with textile reinforced mortars. 2017 , 134, 11-24		50
105	Different FRCM systems for shear-strengthening of reinforced concrete beams. 2017 , 153, 514-526		51
104	Effect of the Fiber Type and Axial Stiffness of FRCM on the Flexural Strengthening of RC Beams. 2017 , 5, 2		19
103	Mechanical performance of vegetal fabric reinforced cementitious matrix (FRCM) composites. 2018 , 175, 161-173		34
102	Experimental investigation on the effect of mortar grade on the compressive behaviour of FRCM confined masonry columns. 2018 , 146, 1-12		52
101	Comparison between different tensile test set-ups for the mechanical characterization of inorganic-matrix composites. 2018 , 171, 140-151		48
100	Tensile Properties of Carbon Fiber-Textile Reinforced Mortar (TRM) Characterized by Different Anchorage Methods. 2018 , 12,		6
99	Experimental and analytical study of the thermo-mechanical behaviour of textile-reinforced concrete (TRC) at elevated temperatures: Role of discontinuous short glass fibres. 2018 , 190, 645-663		22
98	Mechanical properties of pre-stressed fabric-reinforced cementitious matrix composite (PFRCM). 2018 , 191, 228-241		6
97	State-of-the-art on strengthening of masonry structures with textile reinforced mortar (TRM). 2018 , 188, 1221-1233		126
96	Acceptance Criteria for Tensile Characterization of Fabric-Reinforced Cementitious Matrix Systems for Concrete and Masonry Repair. <i>Journal of Composites for Construction</i> , 2018 , 22, 04018048	3.3	36
95	Bond characteristics of different FRCM systems. 2018 , 175, 610-620		25
94	In Plane Behaviour of Masonry Walls Reinforced with Mortar Coatings and Fibre Meshes. 2019 , 13, 102	9-1041	8
93	Experimental Investigation on the Quasi-Static Tensile Capacity of Engineered Cementitious Composites Reinforced with Steel Grid and Fibers. 2019 , 12,		0
92	Steel Reinforced Grout under uniaxial load: Experimental evidences and numerical modelling. 2019 , 227, 116808		13

91	Numerical Modelling of the Experimental Response of SRG Systems. 2019 , 817, 37-43		1
90	Tensile behaviour of glass FRCM systems with fabricsIbverlap: Experimental results and numerical modeling. 2019 , 212, 398-411		22
89	Experimental tests for the characterization of sisal fiber reinforced cementitious matrix for strengthening masonry structures. 2019 , 219, 44-55		36
88	Organic versus inorganic matrix composites for bond-critical strengthening applications of RC structures (State-of-the-art review. 2019 , 174, 106947		14
87	Cyclic bond behavior of FRCM composites applied on masonry substrate. 2019 , 169, 189-199		26
86	Mechanical Characterization of Steel-Reinforced Grout for Strengthening of Existing Masonry and Concrete Structures. 2019 , 31, 04019037		6
85	Mechanical Characterization of SRG Composites According to AC434. 2019 , 817, 458-465		3
84	Experimental Study on the Adhesion of Basalt Textile Reinforced Mortars (TRM) to Clay Brick Masonry: The Influence of Textile Density. 2019 , 7, 103		10
83	A comparison between the use of FRP, FRCM and HPM for concrete confinement. 2019 , 160, 586-594		34
82	Effects of short fiber and pre-tension on the tensile behavior of basalt textile reinforced concrete. 2019 , 96, 33-45		25
81	Sprayed Glass Fiber R einforced Mortar with or without Basalt Textile Reinforcement for Jacketing of Low-Strength Concrete Prisms. <i>Journal of Composites for Construction</i> , 2019 , 23, 04019003	3.3	7
80	Strengthening of Concrete Structures with Textile Reinforced Mortars: State-of-the-Art Review. Journal of Composites for Construction, 2019 , 23, 03118001	3.3	135
79	Fabric-Reinforced Cementitious Matrix (FRCM) composites: Mechanical behavior and application to masonry walls. 2019 , 199-227		5
78	Tensile behaviour of carbon fabric reinforced cementitious matrix composites as both strengthening and anode materials. 2020 , 234, 111675		12
77	Experimental and Analytical Investigations on Bond Behavior of Basalt-FRCM Systems. <i>Journal of Composites for Construction</i> , 2020 , 24, 04019055	3.3	18
76	Tensile characterization of multi-ply fabric-reinforced cementitious matrix strengthening systems. 2020 , 21, 713-723		7
<i>75</i>	Direct Shear Bond Tests of Fabric-Reinforced Cementitious Matrix Materials. <i>Journal of Composites for Construction</i> , 2020 , 24, 04019061	3.3	6
74	Effect of curing environment on the tensile behaviour of FRCM composites. 2020 , 238, 117729		8

73	Experimental investigation on tensile behavior of carbon textile reinforced mortar (TRM) added with short polyvinyl alcohol (PVA) fibers. 2020 , 235, 117801	32
72	Theoretical model for the study of the tensile behavior of FRCM reinforcements. 2020 , 236, 117617	8
71	Effects of Different Test Setups on the Experimental Tensile Behaviour of Basalt Fibre Bidirectional Grids for FRCM Composites. 2020 , 8, 68	2
70	Iterative analytical modelling of the global behaviour of textile-reinforced cementitious matrix composites subjected to tensile loading. 2020 , 263, 120130	8
69	The role of the fiberthatrix interfacial properties on the tensile behavior of FRCM coupons. 2020 , 265, 120263	16
68	Tensile Behavior of a Glass FRCM System after Different Environmental Exposures. 2020 , 8, 1074	14
67	Experimental procedures for the mechanical characterization of composite reinforced mortar (CRM) systems for retrofitting of masonry structures. 2020 , 53, 1	1
66	Flexural Strengthening of Concrete Slab-Type Elements with Textile Reinforced Concrete. 2020 , 13,	6
65	Modelling of Textile Reinforced Concrete in bending and shear with Elastic-Cracked Stress Fields. 2020 , 215, 110664	7
64	Modeling of the Tensile Behavior FRCM Systems for Repair and Strengthening Interventions of Masonry Structures. 2020 , 6,	4
63	Constitutive Numerical Model of FRCM Strips Under Traction. 2020 , 6,	7
62	Fatigue Behavior of PBO FRCM Composite Applied to Concrete Substrate. 2020 , 13,	7
61	Out-of-plane strengthening of unreinforced masonry walls using textile reinforced mortar added short polyvinyl alcohol fibers. 2020 , 260, 119910	10
60	Numerical simulation of the tensile behavior of FRCM strengthening systems. 2020 , 189, 107886	12
59	Mechanical Characterization of Basalt Fabric-Reinforced Alkali-Activated Matrix Composite: A Preliminary Investigation. 2020 , 10, 2865	8
58	Load-deflection behaviour of concrete slab-type elements casted on stay-in-place TRC formwork. 2020 , 244, 112310	16
57	Analytical and simplified numerical approaches of FRCM pipes. 2020 , 247, 118560	0
56	The effectiveness of FRCM-U-wrap joist: An alternative solution in flexural strengthening of reinforced concrete beams. 2021 , 28, 237-251	1

(2020-2021)

55	Fatigue behaviour and design of corroded reinforced concrete beams intervened by ICCP-SS. 2021 , 261, 113295	6
54	TRM reinforced tuff and fired clay brick masonry: Experimental and analytical investigation on their in-plane and out-of-plane behavior. 2021 , 272, 121643	14
53	Mechanical Characterisation of Flax and Jute Textile-Reinforced Mortars. 2021, 271, 121564	11
52	Experimental application of digital image correlation for the tensile characterization of basalt FRCM composites. 2021 , 271, 121770	9
51	State-of-the-Art Review and Aims of the Thesis. 2021 , 7-45	
50	Applications of Fabric Reinforced Cementitious Mortar (FRCM) in Structural Strengthening. 2021 , 201-233	1
49	Flexural behavior of carbon-textile-reinforced concrete I-section beams. 2021, 260, 113540	9
48	BETONARME YAPILARIN GÜENDRÜMESNIDE FRP KOMPOZÜLERN YAPISAL PERFORMANSA ETKSÜ	O
47	Performance of axially loaded masonry columns confined using textile reinforced concrete (TRC) added with short fibers. 2021 , 279, 122413	6
46	Experimental Research on Bond Behaviour of Fabric Reinforced Cementitious Matrix Composites for Retrofitting Masonry Walls. 2021 , 15,	3
45	A review paper on direct tensile behavior and test methods of textile reinforced cementitious composites. 2021 , 263, 113661	4
44	Tensile behavior of basalt textile-reinforced mortar (BTRM). 2021 , 13, 101488-101488	2
43	Tensile Behaviour of FRCM Composites for Strengthening of Masonry Structures-An Experimental Investigation. 2021 , 14,	4
42	Novel ultra-high-performance concrete composite plates reinforced with FRP grid: Development and mechanical behaviour. 2021 , 269, 114033	16
41	Flexural strengthening of RC beams with BFRP or high strength steel barteinforced ECC matrix. 2021 , 303, 124404	2
40	Tensile behavior of carbon textile concrete composite captured using a probabilistic multiscale multiple cracking model. 2021 , 277, 114624	1
39	Effects of different grips and surface treatments of textile on measured direct tensile response of textile reinforced cementitious composites. 2021 , 278, 114689	О
38	Application of Externally Bonded Inorganic-Matrix Composites to Existing Masonry Structures. 2020 , 283-292	4

37	Analytical Modelling of the Tensile Response of PBO-FRCM Composites. 2020, 527-536	5
36	Characterization of Fabric Reinforced Cementitious Matrix (FRCM) Composites for Structural Retrofitting. 2020 , 235-247	
35	Experimental Evidences and Numerical Modelling of SRG Systems Under Uniaxial Load. 2022, 1960-1972	1
34	Mechanical Characterization of a Basalt Fabric for TRM Composites: Role of the Test Variables. 2022 , 1793-1805	
33	Uniaxial tensile performance of high ductile fiber-reinforced concrete with built-in basalt textile grids. 2021 , 125716	0
32	Fatigue Behavior of FRCM Strengthened RC Beams: State of the Art and Future Developments. 2022 , 201-212	1
31	Tensile Tests of FRCM Coupons: The Influence of the Fiber-Matrix Bond Properties. 2022, 2008-2019	0
30	Tensile Performance, Lap-Splice Length and Behavior of Concretes Confined by Prefabricated C-FRCM System. 2021 , 15,	1
29	Formulation of a truss element for modelling the tensile response of FRCM strips. 2021 , 125576	1
28	Bond Behaviour of PBO FRCM on Curved Masonry Substrates. 2022 , 2060-2072	
27	Optimization and design of carbon fabric-reinforced cementitious matrix composites.	
26	Novel FRP micro-bar reinforced UHPC permanent formwork for circular columns: Concept and compressive behavior. 2022 , 285, 115268	1
25	Long-Term Durability of Inorganic Matrix Composite (IMC) Systems under Sustained Tensile Loading. 916, 19-26	O
24	Tensile Behavior of Textile-Reinforced Mortar: Influence of the Number of Layers and their Arrangement. 916, 91-97	
23	Relationship between Results of Tensile Test of FRCM Composites and the Fiber-Matrix Bond Properties. 916, 417-424	0
22	Finite Difference Model for the Bond Behaviour of Polyparaphenylene Benzobisoxazole (PBO) Fibre-Reinforced Composite System for Retrofitting Masonry. 916, 425-432	О
21	Self-sensing fabric reinforced cementitious matrix systems for combined strengthening and monitoring of concrete structures. 2022 , 331, 127243	
20	Behaviour of unreinforced masonry walls retrofitted by using basalt textile reinforced mortar. 2022 , 260, 114201	O

19	Compressive Behavior of FRP Grid-Reinforced UHPC Tubular Columns 2021, 14,	2
18	Confinement of Masonry Columns with Natural Lime-Based Mortar Composite: An Experimental Investigation. 2021 , 13, 13742	1
17	Textile Fibre-Wrapping Techniques Used for Textile-Reinforced Concrete. 2022 , 311-318	
16	Mixed strain/stress gradient loadings for FFT-based computational homogenization methods. 1	O
15	Effect of different strengthening materials on tensile behaviour of plastering materials. 2022, 104615	
14	IIIMechanical behavior of textile reinforced alkali-activated mortar based on fly ash, metakaolin and ladle furnace slag. 2, 79	O
13	Experimental Evaluation of Brick Masonry Walls Strengthened with TRM (Textile Reinforced Mortar) Renders. 2022 , 12, 840	O
12	Tensile Testing of FRCM Coupons for Material Characterization: Discussion of Critical Aspects. <i>Journal of Composites for Construction</i> , 2022 , 26,	1
11	Matrix-embedded metamaterials: Applications for the architectural heritage. 108128652211083	О
10	Characterization of Textile-Reinforced Mortar: State of the Art and Detail-Level Modeling with a Free Open-Source Finite-Element Code. 2022 , 26,	1
9	A review on using inorganic binders in fiber reinforced polymer at different conditions to strengthen reinforced concrete beams. 2022 , 352, 129054	O
8	Clevis-Grip Tensile Tests on Basalt, Carbon and Steel FRCM Systems Realized with Customized Cement-Based Matrices. 2022 , 6, 275	1
7	Experimental Investigations on the Uniaxial Tensile Behaviour of Carbon Textile Reinforced Geopolymer Mortar. 2023 , 277-289	О
6	Tensile Behavior of Basalt Textile Reinforced Concrete: Effect of Test Setups and Textile Ratios. 2022 , 15, 8975	O
5	An Analytical Model for Describing Tensile Behavior of FRCM. 2023 , 244-252	О
4	Influence of mechanical characterization technique on Carbon-TRC constitutive relations. 2023, 67, 106058	O
3	Improvement of tensile properties of carbon fibre-reinforced cementitious matrix composites with coated textile and enhanced mortars. 2023 , 369, 130552	1
2	A Brief Overview on Crack Patterns, Repair and Strengthening of Historical Masonry Structures. 2023 , 16, 1882	1

Non-linear analytical model for FRCM coupons in tension. **2023**, 110735

О