

# Ali Dalalbashi Esfahani

## List of Publications by Year in descending order

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34  
papers

1,003  
citations

567144

15  
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477173

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38  
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docs citations

38  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortar-based systems for externally bonded strengthening of masonry. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 2021-2037.	1.3	210
2	Round Robin Test on tensile and bond behaviour of Steel Reinforced Grout systems. <i>Composites Part B: Engineering</i> , 2017, 127, 100-120.	5.9	155
3	Bond behavior of SRG-strengthened masonry units: Testing and numerical modeling. <i>Construction and Building Materials</i> , 2014, 64, 387-397.	3.2	77
4	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
5	Multi-level characterization of steel reinforced mortars for strengthening of masonry structures. <i>Materials and Design</i> , 2016, 110, 903-913.	3.3	51
6	Plastic hinge relocation in RC joints as an alternative method of retrofitting using FRP. <i>Composite Structures</i> , 2012, 94, 2433-2439.	3.1	50
7	Effect of test setup on the fiber-to-mortar pull-out response in TRM composites: Experimental and analytical modeling. <i>Composites Part B: Engineering</i> , 2018, 143, 250-268.	5.9	48
8	Repair of composite-to-masonry bond using flexible matrix. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 2563-2580.	1.3	39
9	Seismic Evaluation of Masonry Structures Strengthened with Reinforced Concrete Layers. <i>Journal of Structural Engineering</i> , 2012, 138, 729-743.	1.7	38
10	Textile-to-mortar bond behaviour in lime-based textile reinforced mortars. <i>Construction and Building Materials</i> , 2019, 227, 116682.	3.2	29
11	On the identification of earlywood and latewood radial elastic modulus of <i>Pinus pinaster</i> by digital image correlation: A parametric analysis. <i>Journal of Strain Analysis for Engineering Design</i> , 2018, 53, 566-574.	1.0	27
12	Numerical Investigation on the Hysteretic Behavior of RC Joints Retrofitted with Different CFRP Configurations. <i>Journal of Composites for Construction</i> , 2013, 17, 371-382.	1.7	26
13	Hygrothermal durability of bond in FRP-strengthened masonry. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 2039-2050.	1.3	19
14	Mechanics and durability of lime-based textile reinforced mortars. <i>RILEM Technical Letters</i> , 0, 4, 130-137.	0.0	18
15	FRP-to-Masonry Bond Durability Assessment with Infrared Thermography Method. <i>Journal of Nondestructive Evaluation</i> , 2014, 33, 427-437.	1.1	17
16	Bond behavior degradation between FRP and masonry under aggressive environmental conditions. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 6-14.	1.5	17
17	On the effect of plastic hinge relocation in RC buildings using CFRP. <i>Composites Part B: Engineering</i> , 2013, 52, 350-361.	5.9	15
18	Numerical Modelling of Flow-Debris Interaction during Extreme Hydrodynamic Events with DualSPHysics-CHRONO. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3618.	1.3	14

#	ARTICLE	IF	CITATIONS
19	Durability of Textile Reinforced Concrete: Existing Knowledge and Current Gaps. Applied Sciences (Switzerland), 2021, 11, 2771.	1.3	13
20	Aging of lime-based TRM composites under natural environmental conditions. Construction and Building Materials, 2021, 270, 121853.	3.2	11
21	Textile-to-mortar bond behavior: An analytical study. Construction and Building Materials, 2021, 282, 122639.	3.2	11
22	Slip rate effects and cyclic behaviour of textile-to-matrix bond in textile reinforced mortar composites. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	1.3	10
23	A multi-level investigation on the mechanical response of TRM-strengthened masonry. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	1.3	9
24	Development of cost-effective low carbon hybrid textile reinforced concrete for structural or repair applications. Construction and Building Materials, 2022, 341, 127858.	3.2	9
25	Role of Curing Conditions and Precursor on the Microstructure and Phase Chemistry of Alkali-Activated Fly Ash and Slag Pastes. Materials, 2021, 14, 1918.	1.3	7
26	Influence of freeze-thaw cycles on the pull-out response of lime-based TRM composites. Construction and Building Materials, 2021, 313, 125473.	3.2	7
27	Analytical Modeling of the Bond Behavior between Textile and Mortar Based on Pull-Out Tests. Key Engineering Materials, 0, 817, 112-117.	0.4	5
28	Macromodeling approach for pushover analysis of textile-reinforced mortar-strengthened masonry. , 2019, , 745-778.		5
29	Non-linear homogenized and heterogeneous Fe models for FRCM reinforced masonry walls out-of-plane loaded. AIP Conference Proceedings, 2019, , .	0.3	2
30	Cyclic Load Effects on the Bond Behavior of Textile Reinforced Mortar (TRM) Composites. Key Engineering Materials, 0, 916, 74-81.	0.4	2
31	Advanced finite element modeling of textile-reinforced mortar strengthened masonry. , 2019, , 713-743.		1
32	Application of homogenization approaches for modeling of FRCM-strengthened masonry. AIP Conference Proceedings, 2019, , .	0.3	1
33	Fast discrete homogenization approach for the analysis under out-of-plane loads of unreinforced and TRM reinforced masonry panels. AIP Conference Proceedings, 2020, , .	0.3	1
34	Tensile Behavior of Textile-Reinforced Mortar: Influence of the Number of Layers and their Arrangement. Key Engineering Materials, 0, 916, 91-97.	0.4	1