

# Majid Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,064  
citations

304743

22  
h-index

414414

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and dynamic properties of coconut fibre reinforced concrete. <i>Construction and Building Materials</i> , 2012, 30, 814-825.	7.2	319
2	Improvement in concrete behavior with fly ash, silica-fume and coconut fibres. <i>Construction and Building Materials</i> , 2019, 203, 174-187.	7.2	178
3	Use of glass and nylon fibers in concrete for controlling early age micro cracking in bridge decks. <i>Construction and Building Materials</i> , 2016, 125, 800-808.	7.2	136
4	Efficiency of silica-fume content in plain and natural fiber reinforced concrete for concrete road. <i>Construction and Building Materials</i> , 2020, 244, 118382.	7.2	113
5	Effect of basalt fibers on mechanical properties of calcium carbonate whisker-steel fiber reinforced concrete. <i>Construction and Building Materials</i> , 2018, 192, 742-753.	7.2	104
6	Effect of super plasticizer on the properties of medium strength concrete prepared with coconut fiber. <i>Construction and Building Materials</i> , 2018, 182, 703-715.	7.2	99
7	Experimental investigations on bond strength between coconut fibre and concrete. <i>Materials &amp; Design</i> , 2013, 44, 596-605.	5.1	98
8	Effectiveness of hair and wave polypropylene fibers for concrete roads. <i>Construction and Building Materials</i> , 2018, 166, 581-591.	7.2	83
9	Properties of hybrid steel-basalt fiber reinforced concrete exposed to different surrounding conditions. <i>Construction and Building Materials</i> , 2022, 322, 126340.	7.2	70
10	Efficiency of basalt fiber length and content on mechanical and microstructural properties of hybrid fiber concrete. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2135-2152.	3.4	69
11	Behavior of fiber reinforced concrete for controlling the rate of cracking in canal-lining. <i>Construction and Building Materials</i> , 2017, 155, 726-739.	7.2	67
12	Experimental and analytical study of hybrid fiber reinforced concrete prepared with basalt fiber under high temperature. <i>Fire and Materials</i> , 2022, 46, 205-226.	2.0	66
13	Experimental investigations on coconut-fibre rope tensile strength and pullout from coconut fibre reinforced concrete. <i>Construction and Building Materials</i> , 2013, 41, 681-690.	7.2	60
14	Cracking behaviour and constitutive modelling of hybrid fibre reinforced concrete. <i>Journal of Building Engineering</i> , 2020, 30, 101272.	3.4	57
15	Hybrid fiber concrete with different basalt fiber length and content. <i>Structural Concrete</i> , 2022, 23, 346-364.	3.1	57
16	Capacity of innovative interlocking blocks under monotonic loading. <i>Construction and Building Materials</i> , 2012, 37, 812-821.	7.2	52
17	Contribution of plant fibers in improving the behavior and capacity of reinforced concrete for structural applications. <i>Construction and Building Materials</i> , 2018, 182, 94-107.	7.2	48
18	Effectiveness of hybrid steel-basalt fiber reinforced concrete under compression. <i>Case Studies in Construction Materials</i> , 2022, 16, e00941.	1.7	48

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19	Dynamic response of mortar-free interlocking structures. <i>Construction and Building Materials</i> , 2013, 42, 168-189.	7.2	45
20	Effect of pre-treatment and content of wheat straw on energy absorption capability of concrete. <i>Construction and Building Materials</i> , 2019, 224, 572-583.	7.2	42
21	Seismic performance of coconut-fibre-reinforced-concrete columns with different reinforcement configurations of coconut-fibre ropes. <i>Construction and Building Materials</i> , 2014, 70, 226-230.	7.2	28
22	Use of natural fibrous plaster for improving the out of plane lateral resistance of mortarless interlocked masonry walling. <i>Construction and Building Materials</i> , 2018, 174, 320-329.	7.2	26
23	Improving the impact resistance and dynamic properties of jute fiber reinforced concrete for rebars design by considering tension zone of FRC. <i>Construction and Building Materials</i> , 2019, 213, 592-607.	7.2	26
24	Experimental investigation on mechanical properties of jute fiber reinforced concrete under freeze-thaw conditions for pavement applications. <i>Construction and Building Materials</i> , 2022, 323, 126599.	7.2	26
25	Improving the Tensile Energy Absorption of High Strength Natural Fiber Reinforced Concrete with Fly-Ash for Bridge Girders. <i>Key Engineering Materials</i> , 0, 765, 335-342.	0.4	21
26	Residual compressive and shear strengths of novel coconut-fibre-reinforced-concrete interlocking blocks. <i>Construction and Building Materials</i> , 2014, 66, 533-540.	7.2	19
27	Use of agriculture waste as short discrete fibers and glass-fiber-reinforced-polymer rebars in concrete walls for enhancing impact resistance. <i>Journal of Cleaner Production</i> , 2020, 268, 122211.	9.3	19
28	Use of coconut fibre reinforced concrete and coconut-fibre ropes for seismic-resistant construction. <i>Materiales De Construccion</i> , 2016, 66, e073.	0.7	18
29	A study on Natural Fibre Reinforced Concrete from Materials to Structural Applications. <i>Arabian Journal for Science and Engineering</i> , 2023, 48, 4471-4491.	3.0	15
30	Optimization of concrete stiffeners for confined brick masonry structures. <i>Journal of Building Engineering</i> , 2020, 32, 101689.	3.4	13
31	Effect of Fibre Content on Compressive Strength of Wheat Straw Reinforced Concrete for Pavement Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 422, 012014.	0.6	11
32	Improvement in lateral resistance of mortar-free interlocking wall with plaster having natural fibres. <i>Construction and Building Materials</i> , 2020, 234, 117387.	7.2	10
33	Effect of Fibre Content on Splitting-Tensile Strength of Wheat Straw Reinforced Concrete for Pavement Applications. <i>Key Engineering Materials</i> , 0, 765, 349-354.	0.4	7
34	Effectiveness of Polypropylene Fiber Reinforced Concrete in Enhancement of Long-Term Durability of Hydraulic Structures. <i>Materials Science Forum</i> , 0, 923, 125-129.	0.3	6
35	Role of Post-tensioned Coconut-fibre Ropes in Mortar-free Interlocking Concrete Construction During Seismic Loadings. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 1336-1343.	1.9	3
36	Effect of Banana Fiber on Flexural Properties of Fiber Reinforced Concrete for Sustainable Construction. , 2021, 12, .		3

#	ARTICLE	IF	CITATIONS
37	Assessment of mechanical properties of fibrous mortar and interlocking soil stabilised block (ISSB) for low-cost masonry housing. <i>Materiales De Construccion</i> , 2019, 69, 201.	0.7	2
38	Modification of traditional supporting steelwork system for non-standard structures. <i>Engineering Structures</i> , 2015, 96, 153-159.	5.3	0
39	Contribution of Sisal Reinforced Plaster in out of Plane Resistance of Masonry Column. <i>Key Engineering Materials</i> , 2018, 765, 343-348.	0.4	0