

Vahid Afroughsabet

List of Publications by Year in descending order

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16
papers

2,343
citations

623574

14
h-index

940416

16
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16
all docs

16
docs citations

16
times ranked

1511
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and durability properties of high-strength concrete containing steel and polypropylene fibers. <i>Construction and Building Materials</i> , 2015, 94, 73-82.	3.2	585
2	High-performance fiber-reinforced concrete: a review. <i>Journal of Materials Science</i> , 2016, 51, 6517-6551.	1.7	372
3	Combined effect of silica fume and steel fibers on the impact resistance and mechanical properties of concrete. <i>International Journal of Impact Engineering</i> , 2010, 37, 879-886.	2.4	271
4	The effects of silica fume and polypropylene fibers on the impact resistance and mechanical properties of concrete. <i>Construction and Building Materials</i> , 2010, 24, 927-933.	3.2	236
5	Influence of double hooked-end steel fibers and slag on mechanical and durability properties of high performance recycled aggregate concrete. <i>Composite Structures</i> , 2017, 181, 273-284.	3.1	203
6	An experimental and numerical study on how steel and polypropylene fibers affect the impact resistance in fiber-reinforced concrete. <i>International Journal of Impact Engineering</i> , 2012, 46, 62-73.	2.4	152
7	The effect of steel and polypropylene fibers on the chloride diffusivity and drying shrinkage of high-strength concrete. <i>Composites Part B: Engineering</i> , 2018, 139, 84-96.	5.9	149
8	Flexural behavior and durability properties of high performance hybrid-fiber-reinforced concrete. <i>Construction and Building Materials</i> , 2018, 182, 504-515.	3.2	138
9	The long-term compressive strength and durability properties of silica fume fiber-reinforced concrete. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 531, 107-111.	2.6	57
10	Property assessment of steel-fibre reinforced concrete made with silica fume. <i>Construction and Building Materials</i> , 2012, 28, 664-669.	3.2	48
11	The influence of expansive cement on the mechanical, physical, and microstructural properties of hybrid-fiber-reinforced concrete. <i>Cement and Concrete Composites</i> , 2019, 96, 21-32.	4.6	48
12	Experiments on drying shrinkage and creep of high performance hybrid-fiber-reinforced concrete. <i>Cement and Concrete Composites</i> , 2020, 106, 103481.	4.6	43
13	Investigation of the mechanical and durability properties of sustainable high performance concrete based on calcium sulfoaluminate cement. <i>Journal of Building Engineering</i> , 2021, 43, 102656.	1.6	20
14	Evaluation of Engineering Properties of Calcium Sulfoaluminate Cement-based Concretes Reinforced with Different Types of Fibers. <i>Materials</i> , 2019, 12, 2151.	1.3	18
15	Evaluation of mortar produced with boiler blowdown brine. <i>Construction and Building Materials</i> , 2021, 278, 122459.	3.2	2
16	Sustainable Concretes for Structural Applications. <i>Research for Development</i> , 2020, , 249-261.	0.2	1