

# Årem Åanal

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

183  
citations

1478505

6  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive methodology to test the performance of Steel Fibre Reinforced Self-Compacting Concrete (SFR-SCC). <i>Construction and Building Materials</i> , 2012, 37, 406-424.	7.2	52
2	To what extent does the fiber orientation affect mechanical performance?. <i>Construction and Building Materials</i> , 2013, 44, 671-681.	7.2	45
3	Characterization of hardened state behavior of self compacting fiber-reinforced cementitious composites (SC-FRCC's) with different beam sizes and fiber types. <i>Composites Part B: Engineering</i> , 2016, 105, 30-45.	12.0	17
4	Discussion on the effectiveness of cement replacement for carbon dioxide (CO <sub>2</sub> ) emission reduction in concrete. , 2018, 8, 366-378.		17
5	Effect of shear span-to-depth ratio on mechanical performance and cracking behavior of high strength steel fiber-reinforced concrete beams without conventional reinforcement. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 1849-1864.	2.6	17
6	Particle image velocimetry (PIV) to evaluate fresh and hardened state properties of self compacting fiber-reinforced cementitious composites (SC-FRCCs). <i>Construction and Building Materials</i> , 2015, 78, 450-463.	7.2	12
7	Performance of Macrosynthetic and Steel Fiber Reinforced Concretes Emphasizing Mineral Admixture Addition. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, 04018101.	2.9	6
8	Understanding global mechanical response of fiber reinforced cementitious composite beams from local fracture process. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2202.	4.0	5
9	Fresh state performance design of green concrete mixes with reduced carbon dioxide emissions. , 2018, 8, 1134-1145.		4
10	Determination of midspan deflection by means of crack opening in steel fiber-reinforced cementitious composite (SFRCC) beams. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 1636-1643.	2.6	2
11	Novel percolation based measure for fiber efficacy in fiber reinforced concrete beams. <i>Structural Concrete</i> , 2021, 22, 264-272.	3.1	2
12	Bamboo Fiber-Reinforced Composites. <i>Advances in Chemical and Materials Engineering Book Series</i> , 0, , 228-246.	0.3	2
13	A Review on Reduced Environmental Impacts of Alternative Green Concrete Productions. <i>International Journal of Public and Private Perspectives on Healthcare Culture and the Environment</i> , 2017, 1, 55-68.	0.0	1
14	Coir Fiber-Reinforced Composites. <i>Advances in Chemical and Materials Engineering Book Series</i> , 0, , 247-275.	0.3	1