Mohammad Karamloo

List of Publications by Year
in descending order

16	416	687363 13	940533 16
papers	citations	h-index	g-index

16	16	16	315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of maximum aggregate size on fracture behaviors of self-compacting lightweight concrete. Construction and Building Materials, 2016, 123, 508-515.	7.2	81
2	Customizing well-known sustainability assessment tools for Iranian residential buildings using Fuzzy Analytic Hierarchy Process. Building and Environment, 2018, 128, 107-128.	6.9	78
3	Influences of water to cement ratio on brittleness and fracture parameters of self-compacting lightweight concrete. Engineering Fracture Mechanics, 2016, 168, 227-241.	4.3	53
4	A robust approximation method for nonlinear cases of structural reliability analysis. International Journal of Mechanical Sciences, 2017, 133, 11-20.	6.7	27
5	Establishing a region-based rating system for multi-family residential buildings in Iran: A holistic approach to sustainability. Sustainable Cities and Society, 2019, 50, 101631.	10.4	22
6	Impact of Daylighting Design Strategies on Social Sustainability Through the Built Environment. Sustainable Development, 2017, 25, 504-527.	12.5	20
7	Effect of polyolefin macro fibers and handmade GFRP anchorage system on improving the bonding behavior of GFRP bars embedded in self-compacting lightweight concrete. Construction and Building Materials, 2020, 253, 119230.	7.2	19
8	Impact of using different amounts of polyolefin macro fibers on fracture behavior, size effect, and mechanical properties of self-compacting lightweight concrete. Construction and Building Materials, 2020, 250, 118856.	7.2	18
9	Effect of mat anchorage on flexural bonding strength between concrete and sand coated GFRP bars. Composite Structures, 2021, 273, 114339.	5.8	18
10	Effect of size on nominal strength of self-compacting lightweight concrete and self-compacting normal weight concrete: A stress-based approach. Materials Today Communications, 2017, 13, 36-45.	1.9	16
11	Establishment of non-negative constraint method as a robust and efficient first-order reliability method. Applied Mathematical Modelling, 2019, 68, 281-305.	4.2	16
12	Effect of nano and micro SiO2 on brittleness and fracture parameters of self-compacting lightweight concrete. Construction and Building Materials, 2021, 299, 124354.	7.2	15
13	Improvement in first-order reliability method using an adaptive chaos control factor. Structures, 2018, 16, 150-156.	3.6	14
14	Enhancement of punching strength in GFRP reinforced single footings by means of handmade GFRP shear bands. Engineering Structures, 2022, 262, 114349.	5.3	13
15	A new three-phase algorithm for computation of reliability index and its application in structural mechanics. Mechanics Research Communications, 2017, 85, 53-60.	1.8	4
16	Critical Crack-Tip Opening Displacement of SCLC. Lecture Notes in Civil Engineering, 2019, , 135-143.	0.4	2