

# Amir Ali Shahmansouri

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12  
papers

391  
citations

9  
h-index

13  
g-index

13  
ext. papers

569  
ext. citations

5.7  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
12	The prediction analysis of compressive strength and electrical resistivity of environmentally friendly concrete incorporating natural zeolite using artificial neural network. <i>Construction and Building Materials</i> , <b>2022</b> , 317, 125876	6.7	8
11	Post-fire behavior evaluation of concrete mixtures containing natural zeolite using a novel metaheuristic-based machine learning method. <i>Archives of Civil and Mechanical Engineering</i> , <b>2022</b> , 22, 1	3.4	2
10	Mechanical properties of GGBFS-based geopolymer concrete incorporating natural zeolite and silica fume with an optimum design using response surface method. <i>Journal of Building Engineering</i> , <b>2021</b> , 36, 102138	5.2	25
9	Innovative models for predicting post-fire bond behavior of steel rebar embedded in steel fiber reinforced rubberized concrete using soft computing methods. <i>Structures</i> , <b>2021</b> , 31, 1141-1162	3.4	19
8	Artificial neural network model to predict the compressive strength of eco-friendly geopolymer concrete incorporating silica fume and natural zeolite. <i>Journal of Cleaner Production</i> , <b>2021</b> , 279, 123697	10.3	74
7	Life cycle assessment of eco-friendly concrete mixtures incorporating natural zeolite in sulfate-aggressive environment. <i>Construction and Building Materials</i> , <b>2021</b> , 268, 121136	6.7	27
6	Post-fire behavior of unconfined and steel tube confined rubberized concrete under axial compression. <i>Structures</i> , <b>2021</b> , 32, 731-745	3.4	9
5	Compressive strength prediction of eco-efficient GGBS-based geopolymer concrete using GEP method. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101326	5.2	61
4	Post-fire compressive strength of recycled PET aggregate concrete reinforced with steel fibers: Optimization and prediction via RSM and GEP. <i>Construction and Building Materials</i> , <b>2020</b> , 252, 119057	6.7	67
3	Impact of elevated temperatures on the structural performance of recycled rubber concrete: Experimental and mathematical modeling. <i>Construction and Building Materials</i> , <b>2020</b> , 255, 119374	6.7	33
2	A new anchorage system for CFRP strips in externally strengthened RC continuous beams. <i>Journal of Building Engineering</i> , <b>2020</b> , 30, 101230	5.2	19
1	Predicting compressive strength and electrical resistivity of eco-friendly concrete containing natural zeolite via GEP algorithm. <i>Construction and Building Materials</i> , <b>2019</b> , 229, 116883	6.7	47