

# Mansour Ghalehnovi

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,289  
citations

361413  
20  
h-index

361022  
35  
g-index

49  
all docs

49  
docs citations

49  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Durability performance of structural concrete containing silica fume and marble industry waste powder. Journal of Cleaner Production, 2018, 170, 42-60.	9.3	129
2	Mechanical, environmental and economic performance of structural concrete containing silica fume and marble industry waste powder. Construction and Building Materials, 2018, 169, 237-251.	7.2	119
3	Effect of red mud (bauxite residue) as cement replacement on the properties of self-compacting concrete incorporating various fillers. Journal of Cleaner Production, 2019, 240, 118213.	9.3	91
4	Improving seismic performance of composite steel plate shear walls containing openings. Journal of Building Engineering, 2019, 21, 336-342.	3.4	47
5	Self-compacting architectural concrete production using red mud. Construction and Building Materials, 2019, 226, 418-427.	7.2	45
6	Performance of Concrete with Waste Granite Powder: The Effect of Superplasticizers. Applied Sciences (Switzerland), 2018, 8, 1808.	2.5	43
7	Bond behaviour of high-strength steel rebars in normal (NSC) and ultra-high performance concrete (UHPC). Journal of Building Engineering, 2021, 33, 101592.	3.4	37
8	Machine learning-based compressive strength modelling of concrete incorporating waste marble powder. Construction and Building Materials, 2022, 324, 126592.	7.2	35
9	First order control variates algorithm for reliability analysis of engineering structures. Applied Mathematical Modelling, 2020, 77, 829-847.	4.2	28
10	AK-SESC: a novel reliability procedure based on the integration of active learning kriging and sequential space conversion method. Reliability Engineering and System Safety, 2022, 217, 108036.	8.9	27
11	Crack Width and Propagation in Recycled Coarse Aggregate Concrete Beams Reinforced with Steel Fibres. Applied Sciences (Switzerland), 2020, 10, 7587.	2.5	26
12	Proposition of an equivalent reduced thickness for composite steel plate shear walls containing an opening. Journal of Constructional Steel Research, 2020, 168, 105985.	3.9	26
13	On model-based damage detection by an enhanced sensitivity function of modal flexibility and LSMR-Tikhonov method under incomplete noisy modal data. Engineering With Computers, 2022, 38, 111-127.	6.1	26
14	Flexural strength enhancement of recycled aggregate concrete beams with steel fibre-reinforced concrete jacket. Engineering Structures, 2021, 240, 112325.	5.3	25
15	Corrosion effects on tension stiffening behavior of reinforced concrete. Computers and Concrete, 2007, 4, 403-424.	0.7	20
16	Push-out test on the one end welded corrugated-strip connectors in steel-concrete-steel sandwich structure. Steel and Composite Structures, 2017, 24, 23-35.	1.3	19
17	Mechanical and Durability Properties of Mortars Incorporating Red Mud, Ground Granulated Blast Furnace Slag, and Electric Arc Furnace Dust. Applied Sciences (Switzerland), 2021, 11, 4110.	2.5	18
18	Properties of Fibre-Reinforced High-Strength Concrete with Nano-Silica and Silica Fume. Applied Sciences (Switzerland), 2021, 11, 9696.	2.5	15

#	ARTICLE	IF	CITATIONS
19	Improved bending behaviour of steel-fibre-reinforced recycled aggregate concrete beams with a concrete jacket. Magazine of Concrete Research, 2021, 73, 608-626.	2.0	14
20	Torsional behaviour of rectangular high-performance fibre-reinforced concrete beams. Structures, 2022, 35, 511-519.	3.6	13
21	Production of Environmentally Friendly Concrete Incorporating Bauxite Residue and Silica Fume. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	13
22	Post-cracking behavior of UHPC on the concrete members reinforced by steel rebar. Computers and Concrete, 2016, 18, 139-154.	0.7	11
23	Experimental Investigation on the Shear Behaviour of Stud-Bolt Connectors of Steel-Concrete-Steel Fibre-Reinforced Recycled Aggregates Sandwich Panels. Materials, 2021, 14, 5185.	2.9	10
24	Damage detection by updating structural models based on linear objective functions. Journal of Civil Structural Health Monitoring, 2014, 4, 165-176.	3.9	9
25	Retrofitting of Core Reinforced Concrete Shear Wall System with Opening Using Steel Plates and FRP Sheets, A Case Study. International Journal of Steel Structures, 2022, 22, 920-939.	1.3	9
26	Investigation of shear strength correlations and reliability assessments of sandwich structures by kriging method. Composite Structures, 2020, 253, 112782.	5.8	8
27	Bearing Stiffness of UHPC; An Experimental Investigation and A Comparative Study of Regression and SVR-ABC Models. Journal of Advanced Concrete Technology, 2018, 16, 145-158.	1.8	7
28	Simplification through regression analysis on the dynamic response of plates with arbitrary boundary conditions excited by moving inertia load. Applied Mathematical Modelling, 2020, 79, 594-623.	4.2	7
29	Experimentally analysing compressive and tensile strengths of concrete containing steel waste fibres. International Journal of Structural Engineering, 2014, 5, 132.	0.4	6
30	Investigation of the Behaviour of Steel-Concrete-Steel Sandwich Slabs with Bi-Directional Corrugated-Strip Connectors. Applied Sciences (Switzerland), 2020, 10, 8647.	2.5	6
31	Boundary characteristic orthogonal polynomials method in the vibration analysis of multi-span plates acting upon a moving mass. Heliyon, 2019, 5, e01919.	3.2	4
32	New Model for the Lap-Splice Length of Tensile Reinforcement in Concrete Elements. Journal of Structural Engineering, 2021, 147, .	3.4	4
33	Masonry Infilling Effect On Seismic Vulnerability and Performance Level of High Ductility RC Frames. AIP Conference Proceedings, 2008, , .	0.4	1
34	Seismic Vulnerability and Performance Level of confined brick walls. AIP Conference Proceedings, 2008, , .	0.4	0
35	Evaluation of Capacity Spectrum Method for Estimate of Seismic Performance in Buckling-Restrained Braced Frame. , 2009, , .		0
36	Applying the methods of BCOP and matrix exponential in the vibration analysis of multi-span composite plates under opposing moving inertia loads. Applied Mathematical Modelling, 2021, 90, 777-816.	4.2	0

#	ARTICLE	IF	CITATIONS
37	Experimental Evaluation of Dowel Action in Ultra-High Performance Concrete. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 1129-1140.	1.9	0
38	Comparing the behaviour of reinforced HSC beams with AFRP bars and confined HSC beams with AFRP sheets under bending. , 2008, , 433-434.		0