

# Sajjad Mirvalad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/54502/publications.pdf>

Version: 2024-02-01

16  
papers

203  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing conductive concrete containing wire rope and steel powder wastes for route deicing. <i>Construction and Building Materials</i> , 2020, 232, 117184.	7.2	48
2	Minimum SCM requirements in mixtures containing limestone cement to control thaumasite sulfate attack. <i>Construction and Building Materials</i> , 2015, 84, 19-29.	7.2	24
3	The mechanical strength of the artificial stones, containing the travertine wastes and sand. <i>Journal of Materials Research and Technology</i> , 2021, 11, 1688-1709.	5.8	24
4	Durability of self-consolidating concrete and mortar mixtures containing ternary and quaternary cement blends exposed to simulated marine environment. <i>Construction and Building Materials</i> , 2020, 259, 119767.	7.2	23
5	Evaluation of the dispersion of metakaolin-graphene oxide hybrid in water and cement pore solution: can metakaolin really improve the dispersion of graphene oxide in the calcium-rich environment of hydrating cement matrix?. <i>RSC Advances</i> , 2021, 11, 18623-18636.	3.6	14
6	Synergic effect of nano-silica and natural pozzolans on transport and mechanical properties of blended cement mortars. <i>Journal of Building Engineering</i> , 2021, 44, 102667.	3.4	14
7	The synergic effects of metakaolin and polycarboxylate-ether on dispersion of graphene oxide in cementitious environments and macro-level properties of graphene oxide modified cement composites. <i>Construction and Building Materials</i> , 2021, 270, 121462.	7.2	12
8	Studying thaumasite sulfate attack using compressive strength and ultrasonic pulse velocity. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 4131-4146.	3.1	10
9	Computational predictions for estimating the performance of flexural and compressive strength of epoxy resin-based artificial stones. <i>Engineering With Computers</i> , 2023, 39, 347-372.	6.1	7
10	Detection of Thaumasite Formation Using Differential Scanning Calorimetry. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, 04019178.	2.9	6
11	Development of In Situ Water Absorption Method: Laboratory Study and Field Validation. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	2.9	5
12	Durability and Mechanical Properties of Pumice-based Geopolymers: A Sustainable Material for Future. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 223-235.	1.9	5
13	Evaluation of the phase composition, microstructure, mechanical performance, and resistance to acid attack of blended cement paste composed of binary trass-cement system. <i>Construction and Building Materials</i> , 2022, 333, 127356.	7.2	5
14	Field occurrence of thaumasite sulfate attack: prevention perspective. <i>Asian Journal of Civil Engineering</i> , 2020, 21, 1183-1192.	1.6	2
15	Zeolite Containing Mortars Reinforced with Graphene Oxide Synthesized by Hydrolysis of Tetraethyl Orthosilicate. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	2
16	Waste glass as a precursor in alkali-activated materials: Mechanical, durability, and microstructural properties. <i>Structural Concrete</i> , 0, , .	3.1	2