

# Meysam Najimi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,200  
citations

471509

17  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the compressive strength of no-slump concrete: A comparative study of regression, neural network and ANFIS models. <i>Construction and Building Materials</i> , 2010, 24, 709-718.	7.2	255
2	An experimental study on durability properties of concrete containing zeolite as a highly reactive natural pozzolan. <i>Construction and Building Materials</i> , 2012, 35, 1023-1033.	7.2	244
3	Micro and macro level properties of natural zeolite contained concretes. <i>Construction and Building Materials</i> , 2015, 101, 347-358.	7.2	77
4	Alkali-activated natural pozzolan/slag mortars: A parametric study. <i>Construction and Building Materials</i> , 2018, 164, 625-643.	7.2	60
5	State-of-the-Art Review of Capabilities and Limitations of Polymer and Glass Fibers Used for Fiber-Reinforced Concrete. <i>Materials</i> , 2021, 14, 409.	2.9	54
6	Modeling chloride penetration in self-consolidating concrete using artificial neural network combined with artificial bee colony algorithm. <i>Journal of Building Engineering</i> , 2019, 22, 216-226.	3.4	41
7	Properties of concrete containing copper slag waste. <i>Magazine of Concrete Research</i> , 2011, 63, 605-615.	2.0	40
8	Influence of limestone size and content on transport properties of self-consolidating concrete. <i>Construction and Building Materials</i> , 2016, 127, 588-595.	7.2	37
9	Engineering properties of natural pozzolan/slag based alkali-activated concrete. <i>Construction and Building Materials</i> , 2019, 208, 46-62.	7.2	37
10	Assessment of transport properties, volume stability, and frost resistance of non-proprietary ultra-high performance concrete. <i>Construction and Building Materials</i> , 2019, 227, 117031.	7.2	36
11	Predicting rapid chloride permeability of self-consolidating concrete: A comparative study on statistical and neural network models. <i>Construction and Building Materials</i> , 2013, 44, 381-390.	7.2	35
12	Natural Pozzolan-based geopolymers for sustainable construction. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	35
13	Abrasion Resistance of Self-Consolidating Concrete. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 296-303.	2.9	31
14	Transport properties of ternary concrete mixtures containing natural zeolite with silica fume or fly ash. <i>Magazine of Concrete Research</i> , 2014, 66, 150-158.	2.0	30
15	Reinforcement corrosion and transport of water and chloride ions in shrinkage-compensating cement concretes. <i>Cement and Concrete Research</i> , 2020, 135, 106121.	11.0	29
16	Flexural Performance Evaluation of Fiber-Reinforced Concrete Incorporating Multiple Macro-Synthetic Fibers. <i>Transportation Research Record</i> , 2018, 2672, 1-12.	1.9	25
17	Electrochemical impedance behavior and transport properties of silica fume contained concrete. <i>Construction and Building Materials</i> , 2013, 47, 910-918.	7.2	24
18	Numerical study on the feasibility of dynamic evolving neural-fuzzy inference system for approximation of compressive strength of dry-cast concrete. <i>Applied Soft Computing Journal</i> , 2014, 24, 572-584.	7.2	17

#	ARTICLE	IF	CITATIONS
19	Chloride penetration in shrinkage-compensating cement concretes. <i>Cement and Concrete Composites</i> , 2020, 113, 103656.	10.7	17
20	Transport properties of nano-silica contained self-consolidating concrete. <i>Construction and Building Materials</i> , 2021, 301, 124060.	7.2	13
21	Influence of Dispersion Methods on Sulfate Resistance of Nanosilica-Contained Mortars. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, 04017038.	2.9	12
22	Sodium Sulfate Resistance of Mortars Containing Combined Nanosilica and Microsilica. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	12
23	Cementitious composites made with natural fibers: Investigation of uncoated and coated sisal fibers. <i>Case Studies in Construction Materials</i> , 2022, 16, e00788.	1.7	11
24	Modelling the abrasion resistance of self-consolidating concrete. <i>Magazine of Concrete Research</i> , 2015, 67, 938-953.	2.0	8
25	Resistance to Sulfate Attack of Mortars Containing Colloidal Nanosilica and Silica Fume. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	6
26	Alkali-activated natural pozzolan/slag binders: limitations and remediation. <i>Magazine of Concrete Research</i> , 2020, 72, 919-935.	2.0	4
27	Structural-grade concrete containing FBC and PCC residues. Part I: Non-cement concrete. <i>Magazine of Concrete Research</i> , 2014, 66, 377-386.	2.0	3
28	Electrochemical impedance behavior of concrete containing natural zeolite and copper slag. <i>Asian Journal of Civil Engineering</i> , 2019, 20, 847-855.	1.6	3
29	Structural-grade concrete containing FBC and PCC residues. Part II: Partial-cement concrete. <i>Magazine of Concrete Research</i> , 2014, 66, 387-396.	2.0	2
30	Impact-Compacted Noncement and Vibratory-Placed Noncement/Partial-Cement Concretes Containing Fluidized Bed and Pulverized Coal Combustion Residues. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	2.9	1
31	Effect of Exposure Conditions and Internal Curing on Pore Water Potential Development in Cement-Based Materials. <i>Transportation Research Record</i> , 2021, 2675, 184-191.	1.9	1
32	Frost Resistance of Self-Consolidating Concrete Containing Natural Pozzolan. , 2017, , .		0