

Ali Akbar Shirzadi Javid

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5317835/ali-akbar-shirzadi-javid-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

33
papers

216
citations

8
h-index

13
g-index

35
ext. papers

318
ext. citations

3.9
avg, IF

3.94
L-index

#	Paper	IF	Citations
33	Effects of particle packing density on the stability and rheology of self-consolidating concrete containing mineral admixtures. <i>Construction and Building Materials</i> , 2014 , 53, 102-109	6.7	45
32	Effects of micro-nano bubble water and binary mineral admixtures on the mechanical and durability properties of concrete. <i>Construction and Building Materials</i> , 2018 , 164, 371-385	6.7	20
31	Corrosion-induced reduction in compressive strength of self-compacting concretes containing mineral admixtures. <i>Construction and Building Materials</i> , 2016 , 113, 221-228	6.7	17
30	Effect of reinforcement on plastic shrinkage and settlement of self-consolidating concrete as repair material. <i>Materials and Structures/Materiaux Et Constructions</i> , 2012 , 45, 41-52	3.4	12
29	Graphene oxide for surface treatment of concrete: A novel method to protect concrete. <i>Construction and Building Materials</i> , 2020 , 243, 118229	6.7	11
28	Effect of chloride treatment curing condition on the mechanical properties and durability of concrete containing zeolite and micro-nano-bubble water. <i>Construction and Building Materials</i> , 2018 , 177, 417-427	6.7	10
27	Estimating the Optimal Mixture Design of Concrete Pavements Using a Numerical Method and Meta-heuristic Algorithms. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021 , 45, 913-927	1.1	10
26	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	6.7	9
25	Packing density and surface finishing condition effects on the mechanical properties of various concrete pavements containing cement replacement admixtures. <i>Construction and Building Materials</i> , 2017 , 141, 307-314	6.7	8
24	A new method to determine initial setting time of cement and concrete using plate test. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016 , 49, 3135-3142	3.4	8
23	A Fuzzy System Methodology for Concrete Mixture Design Considering Maximum Packing Density and Minimum Cement Content. <i>Arabian Journal for Science and Engineering</i> , 2015 , 40, 2239-2249		7
22	Effects of Spraying Various Nanoparticles at Early Ages on Improving Surface Characteristics of Concrete Pavements. <i>International Journal of Civil Engineering</i> , 2019 , 17, 1455-1468	1.9	7
21	Microstructural study and surface properties of concrete pavements containing nanoparticles. <i>Construction and Building Materials</i> , 2020 , 262, 120103	6.7	6
20	Toward sustainability in optimizing the fly ash concrete mixture ingredients by introducing a new prediction algorithm. <i>Environment, Development and Sustainability</i> , 1	4.5	6
19	Predicting the Formwork Lateral Pressure of Self-consolidating Concrete Based on Experimental Thixotropy Values. <i>International Journal of Civil Engineering</i> , 2019 , 17, 1131-1144	1.9	6
18	Physical and chemical effects of siliceous particles at nano, micro, and macro scales on properties of self-consolidating mortar overlays. <i>Construction and Building Materials</i> , 2018 , 189, 1140-1154	6.7	6
17	Experimental and numerical analysis of the effects of different repair mortars on the controlling factors of macro-cell corrosion in concrete patch repair. <i>Cement and Concrete Composites</i> , 2021 , 121, 104077	8.6	6

16	A new photogrammetry method to study the relationship between thixotropy and bond strength of multi-layers casting of self-consolidating concrete. <i>Construction and Building Materials</i> , 2019 , 204, 530-540	6.7	5
15	Evaluating fresh state, hardened State, thermal expansion and bond properties of geopolymers for the repairing of concrete pavements under restrained conditions. <i>Construction and Building Materials</i> , 2021 , 292, 123398	6.7	4
14	Magnesium Sulfate (MgSO ₄) Attack and Chloride Isothermal Effects on the Self-consolidating Concrete Containing Metakaolin and Zeolite. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021 , 45, 165-180	1.1	3
13	Investigating the Effects of Mixing Time and Mixing Speed on Rheological Properties, Workability, and Mechanical Properties of Self-Consolidating Concretes. <i>International Journal of Civil Engineering</i> , 2021 , 19, 339-355	1.9	3
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> , 1	1.1	2
11	Introducing a Method to Determine Nonautoclaved Aerated Concrete Air content Based on Packing Theory. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04017312	3	2
10	Construction projects risk assessment based on fuzzy AHP 2009 ,		1
9	The Comparison and Introduction of Plate Test and Electrical Resistance Methods of Determining the Setting Time and Thixotropy of Self-Consolidating Concrete. <i>Journal of Testing and Evaluation</i> , 2020 , 48, 20180326	1	1
8	Evaluation of Mechanical and Durability Properties of Concrete Containing Natural Chekneh Pozzolan and Wood Chips. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020 , 44, 1159-1170	1.1	1
7	Influence of Pumice and Metakaolin on Compressive Strength and Durability of Concrete in Acidic Media and on Chloride Resistance under Immersion and Tidal Conditions. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 1	1.1	0
6	Experimental and Numerical Investigation of Repair Dimensions Effect on Macro-cell Corrosion Induced by Concrete Slabs Patch Repair. <i>International Journal of Civil Engineering</i> , 2021 , 19, 1091-1110	1.9	0
5	BIM-based clash detection improvement automatically. <i>International Journal of Construction Management</i> , 1-7	1.9	0
4	Investigation of the mechanical properties of concrete containing recycled aggregate and scrap crumb rubber and polypropylene fibers. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2020 , 147776062097750	1.7	0
3	Plastic Shrinkage Evaluation of Self-Consolidating Concrete as Repair Materials Based on Restrained and Free Strain Measurements 2010 , 295-306		0
2	The assessment of durability, coefficient of thermal expansion, and bonding strength of latex modified mixtures in repairing restrained concrete pavements. <i>International Journal of Pavement Engineering</i> , 1-19	2.6	0
1	An improvement in clash detection process by prioritizing relevance clashes using fuzzy-AHP methods. <i>Building Services Engineering Research and Technology</i> , 014362442210800	2.3	0