

Amir Behravan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2648092/publications.pdf>

Version: 2024-02-01

14
papers

393
citations

1162889

8
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of high performance polypropylene fibers in concrete lining of water tunnels. <i>Materials & Design</i> , 2014, 55, 274-279.	5.1	147
2	Using X-ray computed tomography to investigate mortar subjected to freeze-thaw cycles. <i>Cement and Concrete Composites</i> , 2020, 108, 103520.	4.6	30
3	Implementing ANN to minimize sewage systems concrete corrosion with glass beads substitution. <i>Construction and Building Materials</i> , 2017, 138, 441-454.	3.2	28
4	Durability performance of hybrid reinforced concretes (steel fiber+polyolefin fiber) in a harsh marine tidal zone of Persian Gulf. <i>Construction and Building Materials</i> , 2021, 266, 121176.	3.2	19
5	A study on the durability parameters of concrete structures reinforced with synthetic fibers in high chloride concentrated shorelines. <i>Construction and Building Materials</i> , 2019, 200, 578-585.	3.2	15
6	A step towards green concrete: Effect of waste silica powder usage under HCl attack. <i>Journal of Cleaner Production</i> , 2018, 188, 278-289.	4.6	12
7	Performance of two types of concrete containing waste silica sources under MgSO ₄ attack evaluated by durability index. <i>Construction and Building Materials</i> , 2020, 241, 118140.	3.2	12
8	The relationship between the apparent diffusion coefficient and surface electrical resistivity of fly ash concrete. <i>Construction and Building Materials</i> , 2021, 299, 123964.	3.2	9
9	Quantitative measurements of curing methods for concrete bridge decks. <i>Construction and Building Materials</i> , 2018, 162, 306-313.	3.2	8
10	Predicting ion diffusion in fly ash cement paste through particle analysis. <i>Construction and Building Materials</i> , 2021, 272, 121934.	3.2	5
11	Changes in the rate of ion penetration of alternative cementitious materials with time. <i>Materials and Design</i> , 2021, 197, 109236.	3.3	2
12	Laboratory Study on Non-Destructive Evaluation of Polyethylene Liquid Storage Tanks by Thermographic and Ultrasonic Methods. <i>CivilEng</i> , 2021, 2, 823-851.	0.8	2
13	Performance Evaluation of Silane in Concrete Bridge Decks Using Transmission X-ray Microscopy. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2557.	1.3	2
14	Study on Modern Energy Absorption Systems in Structures Subjected to Earthquake Forces. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 0, , 1.	1.0	1