

Rza Polat

List of Publications by Year in Descending Order

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

15
papers

400
citations

9
h-index

16
g-index

16
ext. papers

488
ext. citations

3.6
avg, IF

4.02
L-index

#	Paper	IF	Citations
15	The effect of vehicle waste tires on the mechanical, hardness and stress-strain properties of polyester-based polymer concretes. <i>Construction and Building Materials</i> , 2022 , 325, 126741	6.7	0
14	Influence of singular and binary nanomaterials on the physical, mechanical and durability properties of mortars subjected to elevated temperatures and freeze-thaw cycles. <i>Construction and Building Materials</i> , 2021 , 295, 123608	6.7	2
13	Mechanical and physical behavior of cement paste and mortar incorporating nano-CaO. <i>Structural Concrete</i> , 2019 , 20, 361-370	2.6	8
12	The influence of lightweight aggregate, freezing-thawing procedure and air entraining agent on freezing-thawing damage. <i>Structural Concrete</i> , 2018 , 19, 1328-1340	2.6	17
11	The influence of expanded perlite aggregate on compressive strength, linear autogenous shrinkage, restrained shrinkage, heat of hydration of cement-based materials. <i>Structural Concrete</i> , 2018 , 19, 1771-1781	2.6	5
10	The effect of nano-MgO on the setting time, autogenous shrinkage, microstructure and mechanical properties of high performance cement paste and mortar. <i>Construction and Building Materials</i> , 2017 , 156, 208-218	6.7	40
9	The effect of antifreeze additives on fresh concrete subjected to freezing and thawing cycles. <i>Cold Regions Science and Technology</i> , 2016 , 127, 10-17	3.8	44
8	Effects of nano and micro size of CaO and MgO, nano-clay and expanded perlite aggregate on the autogenous shrinkage of mortar. <i>Construction and Building Materials</i> , 2015 , 81, 268-275	6.7	79
7	Effects of the different atmospheric steam curing processes on the properties of self-compacting-concrete containing microsilica. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2015 , 40, 1361-1371	1	11
6	Effect of heat treatment temperature on ground pumice activation in geopolymer composites. <i>Science and Engineering of Composite Materials</i> , 2014 , 21,	1.5	10
5	The effects of urea on strength gaining of fresh concrete under the cold weather conditions. <i>Construction and Building Materials</i> , 2014 , 64, 114-120	6.7	42
4	Effect of glass fiber-reinforced polymer and epoxy injection on compressive strength of elevated temperature damaged concrete. <i>Fire and Materials</i> , 2013 , 37, 100-113	1.8	
3	The influence of calcium nitrate as antifreeze admixture on the compressive strength of concrete exposed to low temperatures. <i>Cold Regions Science and Technology</i> , 2013 , 89, 30-35	3.8	71
2	Safety factor determining for space trusses by non-linear analysis and artificial neural network method. <i>Science and Engineering of Composite Materials</i> , 2013 , 20, 277-284	1.5	0
1	The influence of lightweight aggregate on the physico-mechanical properties of concrete exposed to freeze-thaw cycles. <i>Cold Regions Science and Technology</i> , 2010 , 60, 51-56	3.8	71