

# Rza Polat

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6697446/riza-polat-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.

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	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> , <b>2015</b> , 81, 268-275	6.7	79
14	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> , <b>2013</b> , 89, 30-35	3.8	71
13	The influence of lightweight aggregate on the physico-mechanical properties of concrete exposed to freeze-thaw cycles. <i>Cold Regions Science and Technology</i> , <b>2010</b> , 60, 51-56	3.8	71
12	The effect of antifreeze additives on fresh concrete subjected to freezing and thawing cycles. <i>Cold Regions Science and Technology</i> , <b>2016</b> , 127, 10-17	3.8	44
11	The effects of urea on strength gaining of fresh concrete under the cold weather conditions. <i>Construction and Building Materials</i> , <b>2014</b> , 64, 114-120	6.7	42
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> , <b>2017</b> , 156, 208-218	6.7	40
9	The influence of lightweight aggregate, freezing-thawing procedure and air entraining agent on freezing-thawing damage. <i>Structural Concrete</i> , <b>2018</b> , 19, 1328-1340	2.6	17
8	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> , <b>2015</b> , 40, 1361-1371	1	11
7	Effect of heat treatment temperature on ground pumice activation in geopolymer composites. <i>Science and Engineering of Composite Materials</i> , <b>2014</b> , 21,	1.5	10
6	Mechanical and physical behavior of cement paste and mortar incorporating nano-CaO. <i>Structural Concrete</i> , <b>2019</b> , 20, 361-370	2.6	8
5	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> , <b>2018</b> , 19, 1771-1781	2.6	5
4	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> , <b>2021</b> , 295, 123608	6.7	2
3	Safety factor determining for space trusses by non-linear analysis and artificial neural network method. <i>Science and Engineering of Composite Materials</i> , <b>2013</b> , 20, 277-284	1.5	0
2	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> , <b>2022</b> , 325, 126741	6.7	0
1	Effect of glass fiber-reinforced polymer and epoxy injection on compressive strength of elevated temperature damaged concrete. <i>Fire and Materials</i> , <b>2013</b> , 37, 100-113	1.8	