

RÄza Polat

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

600
citations

933264

10
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of nano and micro size of CaO and MgO, nano-clay and expanded perlite aggregate on the autogenous shrinkage of mortar. Construction and Building Materials, 2015, 81, 268-275.	3.2	109
2	The influence of calcium nitrate as antifreeze admixture on the compressive strength of concrete exposed to low temperatures. Cold Regions Science and Technology, 2013, 89, 30-35.	1.6	98
3	The influence of lightweight aggregate on the physico-mechanical properties of concrete exposed to freeze-thaw cycles. Cold Regions Science and Technology, 2010, 60, 51-56.	1.6	95
4	The effects of urea on strength gaining of fresh concrete under the cold weather conditions. Construction and Building Materials, 2014, 64, 114-120.	3.2	67
5	The effect of nano-MgO on the setting time, autogenous shrinkage, microstructure and mechanical properties of high performance cement paste and mortar. Construction and Building Materials, 2017, 156, 208-218.	3.2	65
6	The effect of antifreeze additives on fresh concrete subjected to freezing and thawing cycles. Cold Regions Science and Technology, 2016, 127, 10-17.	1.6	64
7	The influence of lightweight aggregate, freezing-thawing procedure and air entraining agent on freezing-thawing damage. Structural Concrete, 2018, 19, 1328-1340.	1.5	33
8	Effect of heat treatment temperature on ground pumice activation in geopolymer composites. Science and Engineering of Composite Materials, 2014, 21, .	0.6	17
9	Mechanical and physical behavior of cement paste and mortar incorporating nano-CaO. Structural Concrete, 2019, 20, 361-370.	1.5	16
10	Effects of the different atmospheric steam curing processes on the properties of self-compacting-concrete containing microsilica. Sadhana - Academy Proceedings in Engineering Sciences, 2015, 40, 1361-1371.	0.8	11
11	Influence of singular and binary nanomaterials on the physical, mechanical and durability properties of mortars subjected to elevated temperatures and freeze-thaw cycles. Construction and Building Materials, 2021, 295, 123608.	3.2	11
12	The influence of expanded perlite aggregate on compressive strength, linear autogenous shrinkage, restrained shrinkage, heat of hydration of cement-based materials. Structural Concrete, 2018, 19, 1771-1781.	1.5	6
13	The effect of vehicle waste tires on the mechanical, hardness and stress-strain properties of polyester-based polymer concretes. Construction and Building Materials, 2022, 325, 126741.	3.2	4
14	Effect of glass fiber-reinforced polymer and epoxy injection on compressive strength of elevated temperature damaged concrete. Fire and Materials, 2013, 37, 100-113.	0.9	2
15	Safety factor determining for space trusses by non-linear analysis and artificial neural network method. Science and Engineering of Composite Materials, 2013, 20, 277-284.	0.6	1
16	Halloysit Nano-Kil, Nano-SiO ₂ ve Nano-CaO TM 'in Tekli ve Ğkili KullanÄ±n Ğtimento EsasÄ± HarÄ±slarÄ±n Ğzelliklerine Etkileri. European Journal of Science and Technology, 0, , .	0.5	1