

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	The effect of vehicle waste tires on the mechanical, hardness and stressâ€‘strain properties of polyester-based polymer concretes. Construction and Building Materials, 2022, 325, 126741.	3.2	4
2	Influence of singular and binary nanomaterials on the physical, mechanical and durability properties of mortars subjected to elevated temperatures and freezeâ€‘thaw cycles. Construction and Building Materials, 2021, 295, 123608.	3.2	11
3	Mechanical and physical behavior of cement paste and mortar incorporating nanoâ€‘CaO. Structural Concrete, 2019, 20, 361-370.	1.5	16
4	The influence of lightweight aggregate, freezingâ€‘thawing procedure and air entraining agent on freezingâ€‘thawing damage. Structural Concrete, 2018, 19, 1328-1340.	1.5	33
5	The influence of expanded perlite aggregate on compressive strength, linear autogenous shrinkage, restrained shrinkage, heat of hydration of cementâ€‘based materials. Structural Concrete, 2018, 19, 1771-1781.	1.5	6
6	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
7	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
8	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
9	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
10	Effect of heat treatment temperature on ground pumice activation in geopolymer composites. Science and Engineering of Composite Materials, 2014, 21, .	0.6	17
11	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
12	Effect of glass fiberâ€‘reinforced polymer and epoxy injection on compressive strength of elevated temperature damaged concrete. Fire and Materials, 2013, 37, 100-113.	0.9	2
13	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
14	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
15	The influence of lightweight aggregate on the physico-mechanical properties of concrete exposed to freezeâ€‘thaw cycles. Cold Regions Science and Technology, 2010, 60, 51-56.	1.6	95
16	Halloysit Nano-Kil, Nano-SiO2 ve Nano-CaOâ€™in Tekli ve Å°kili KullanÄ±mÄ±nÄ±n Å†imento Esaslı HarÅ¶larÄ±n Å–zelliklerine Etkileri. European Journal of Science and Technology, 0, , .	0.5	1