

# Remzi Aahin

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

990  
citations

758635

12  
h-index

887659

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of nano-SiO <sub>2</sub> , nano-Al <sub>2</sub> O <sub>3</sub> and nano-Fe <sub>2</sub> O <sub>3</sub> powders on compressive strengths and capillary water absorption of cement mortar containing fly ash: A comparative study. <i>Energy and Buildings</i> , 2013, 58, 292-301.	3.1	197
2	The effects of different cement dosages, slumps, and pumice aggregate ratios on the thermal conductivity and density of concrete. <i>Cement and Concrete Research</i> , 2004, 34, 845-848.	4.6	181
3	Single and combined effects of nano-SiO <sub>2</sub> , nano-Al <sub>2</sub> O <sub>3</sub> and nano-Fe <sub>2</sub> O <sub>3</sub> powders on compressive strength and capillary permeability of cement mortar containing silica fume. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 7012-7019.	2.6	138
4	Pore structure analysis of hardened cement mortars containing silica fume and different nano-powders. <i>Construction and Building Materials</i> , 2014, 53, 658-664.	3.2	117
5	A study on mechanical properties of polymer concrete containing electronic plastic waste. <i>Composite Structures</i> , 2017, 178, 50-62.	3.1	83
6	Determination of radiation attenuation coefficients of heavyweight- and normal-weight concretes containing colemanite and barite for 0.663MeV I <sup>3</sup> -rays. <i>Annals of Nuclear Energy</i> , 2011, 38, 1274-1278.	0.9	62
7	Radiation transmission of heavyweight and normal-weight concretes containing colemanite for 6MV and 18MV X-rays using linear accelerator. <i>Annals of Nuclear Energy</i> , 2010, 37, 339-344.	0.9	45
8	The effects of different cement dosages, slumps and pumice aggregate ratios on the compressive strength and densities of concrete. <i>Cement and Concrete Research</i> , 2003, 33, 1245-1249.	4.6	42
9	Neutron dose transmission measurements for several new concrete samples including colemanite. <i>Annals of Nuclear Energy</i> , 2010, 37, 996-998.	0.9	29
10	Neutron Equivalent Dose Rate Measurements of Gypsum-Waste Tire Rubber Layered Structures. <i>International Journal of Polymer Analysis and Characterization</i> , 2013, 18, 423-429.	0.9	27
11	Determination of the optimum conditions for de-icing salt scaling resistance of concrete by visual examination and surface scaling. <i>Construction and Building Materials</i> , 2010, 24, 353-360.	3.2	21
12	Determination of transmission factors of concretes with different water/cement ratio, curing condition, and dosage of cement and air entraining agent. <i>Annals of Nuclear Energy</i> , 2011, 38, 1505-1511.	0.9	18
13	Fresh and Rheological Performances of Air-Entrained 3D Printable Mortars. <i>Materials</i> , 2021, 14, 2409.	1.3	12
14	Optimization Study and Damage Evaluation in Concrete Mixtures Exposed to Slow Freeze-Thaw Cycles. <i>Journal of Materials in Civil Engineering</i> , 2007, 19, 609-615.	1.3	11
15	Comparison of carbonation resistance and uniformity of SCC and CC core samples. <i>Magazine of Concrete Research</i> , 2014, 66, 531-539.	0.9	3
16	The destruction of Erzurum ski-jumping complex by a landslide: evaluation of an engineering design failure. <i>Natural Hazards</i> , 2021, 107, 475-496.	1.6	3
17	EFFECT OF RECYCLED CONCRETE AGGREGATE, AIR ENTRAINING ADMIXTURE AND MAXIMUM AGGREGATE PARTICLE SIZE ON THE BEHAVIOR OF CONCRETE UNDER FREEZE-THAW CYCLES. <i>Journal of Green Building</i> , 2021, 16, 217-233.	0.4	1