

Hakan N Atahan

List of Publications by Year in descending order

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619
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docs citations

23
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714
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro and/or Nano-Silica modified moderate and high strength concrete: Rheology and synergistic effects on strength, elastic & inelastic behavior and microstructure. Construction and Building Materials, 2022, 333, 127404.	7.2	3
2	Deformation Properties of Nano-Silica Modified Concrete Mixtures under Uniaxial Compression Loading. Arabian Journal for Science and Engineering, 2021, 46, 11009.	3.0	5
3	Dispersing nano- and micro-sized portlandite particulates via electrosteric exclusion at short screening lengths. Soft Matter, 2020, 16, 3425-3435.	2.7	6
4	How clay particulates affect flow cessation and the coiling stability of yield stress-matched cementing suspensions. Soft Matter, 2020, 16, 3929-3940.	2.7	2
5	Strength, elastic and microstructural properties of SCCs™ with colloidal nano silica addition. Construction and Building Materials, 2018, 158, 295-307.	7.2	25
6	Fiber quantity analysis of cementitious composite using multifocus imagery. Polymer Composites, 2018, 39, 2126-2134.	4.6	0
7	Rheological and fresh properties of reduced fine content self-compacting concretes produced with different particle sizes of nano SiO ₂ . Construction and Building Materials, 2017, 142, 431-443.	7.2	38
8	Improved durability of cement mortars exposed to external sulfate attack: The role of nano & micro additives. Sustainable Cities and Society, 2016, 22, 40-48.	10.4	63
9	THE USE OF POLYPROPYLENE FIBERS AGAINST PLASTIC SHRINKAGE CRACKING. Proceedings of International Structural Engineering and Construction, 2016, 3, .	0.1	2
10	A comparison of strength and elastic properties between conventional and lightweight structural concretes designed with expanded clay aggregates. Construction and Building Materials, 2015, 101, 260-267.	7.2	66
11	Behavior of PVA Fiber-Reinforced Cementitious Composites under Static and Impact Flexural Effects. Journal of Materials in Civil Engineering, 2013, 25, 1438-1445.	2.9	60
12	Behavior of Glass Fabric Reinforced Polymer Concrete Composites under Flexural Loads. Restoration of Buildings and Monuments, 2013, 19, 203-210.	0.6	0
13	Load carrying capacity enhancement of cold formed steel walls using shotcreted steel sheets. Thin-Walled Structures, 2012, 60, 145-153.	5.3	13
14	Mechanical Property Prediction for High Early Strength Self-Consolidating Concrete. Journal of Materials in Civil Engineering, 2012, 24, 1501-1512.	2.9	6
15	Interpretation of aggregate volume fraction effects on fracture behavior of concrete. Construction and Building Materials, 2012, 28, 437-443.	7.2	44
16	Factors determining the correlations between high strength concrete properties. Construction and Building Materials, 2011, 25, 2214-2222.	7.2	9
17	Use of mineral admixtures for enhanced resistance against sulfate attack. Construction and Building Materials, 2011, 25, 3450-3457.	7.2	99
18	Effects of water-cement ratio and curing time on the critical pore width of hardened cement paste. Construction and Building Materials, 2009, 23, 1196-1200.	7.2	85

#	ARTICLE	IF	CITATIONS
19	The morphology of entrained air voids in hardened cement paste generated with different anionic surfactants. Cement and Concrete Composites, 2008, 30, 566-575.	10.7	61
20	Mode I and mixed mode fracture studies in brittle materials using the Brazilian disc specimen. Materials and Structures/Materiaux Et Constructions, 2005, 38, 305-312.	3.1	25
21	Mode I and mixed mode fracture studies in brittle materials using the Brazilian disc specimen. Materials and Structures/Materiaux Et Constructions, 2005, 38, 305-312.	3.1	5
22	Effect of Nano SiO ₂ Size on Fresh Properties of Self-Compacting Concretes. , 0, , .		0
23	Strength and Elastic Properties of Low-Fine Self-Compacting Concretes Designed with Nano SiO ₂ . , 0, , .		2