

# Hakan N Atahan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

619  
citations

840776

11  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

714  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of mineral admixtures for enhanced resistance against sulfate attack. <i>Construction and Building Materials</i> , 2011, 25, 3450-3457.	7.2	99
2	Effects of water-cement ratio and curing time on the critical pore width of hardened cement paste. <i>Construction and Building Materials</i> , 2009, 23, 1196-1200.	7.2	85
3	A comparison of strength and elastic properties between conventional and lightweight structural concretes designed with expanded clay aggregates. <i>Construction and Building Materials</i> , 2015, 101, 260-267.	7.2	66
4	Improved durability of cement mortars exposed to external sulfate attack: The role of nano & micro additives. <i>Sustainable Cities and Society</i> , 2016, 22, 40-48.	10.4	63
5	The morphology of entrained air voids in hardened cement paste generated with different anionic surfactants. <i>Cement and Concrete Composites</i> , 2008, 30, 566-575.	10.7	61
6	Behavior of PVA Fiber-Reinforced Cementitious Composites under Static and Impact Flexural Effects. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 1438-1445.	2.9	60
7	Interpretation of aggregate volume fraction effects on fracture behavior of concrete. <i>Construction and Building Materials</i> , 2012, 28, 437-443.	7.2	44
8	Rheological and fresh properties of reduced fine content self-compacting concretes produced with different particle sizes of nano SiO <sub>2</sub> . <i>Construction and Building Materials</i> , 2017, 142, 431-443.	7.2	38
9	Mode I and mixed mode fracture studies in brittle materials using the Brazilian disc specimen. <i>Materials and Structures/Materiaux Et Constructions</i> , 2005, 38, 305-312.	3.1	25
10	Strength, elastic and microstructural properties of SCCs <sup>TM</sup> with colloidal nano silica addition. <i>Construction and Building Materials</i> , 2018, 158, 295-307.	7.2	25
11	Load carrying capacity enhancement of cold formed steel walls using shotcreted steel sheets. <i>Thin-Walled Structures</i> , 2012, 60, 145-153.	5.3	13
12	Factors determining the correlations between high strength concrete properties. <i>Construction and Building Materials</i> , 2011, 25, 2214-2222.	7.2	9
13	Mechanical Property Prediction for High Early Strength Self-Consolidating Concrete. <i>Journal of Materials in Civil Engineering</i> , 2012, 24, 1501-1512.	2.9	6
14	Dispersing nano- and micro-sized portlandite particulates via electrosteric exclusion at short screening lengths. <i>Soft Matter</i> , 2020, 16, 3425-3435.	2.7	6
15	Deformation Properties of Nano-Silica Modified Concrete Mixtures under Uniaxial Compression Loading. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 11009.	3.0	5
16	Mode I and mixed mode fracture studies in brittle materials using the Brazilian disc specimen. <i>Materials and Structures/Materiaux Et Constructions</i> , 2005, 38, 305-312.	3.1	5
17	Micro and/or Nano-Silica modified moderate and high strength concrete: Rheology and synergistic effects on strength, elastic & inelastic behavior and microstructure. <i>Construction and Building Materials</i> , 2022, 333, 127404.	7.2	3
18	How clay particulates affect flow cessation and the coiling stability of yield stress-matched cementing suspensions. <i>Soft Matter</i> , 2020, 16, 3929-3940.	2.7	2

#	ARTICLE	IF	CITATIONS
19	THE USE OF POLYPROPYLENE FIBERS AGAINST PLASTIC SHRINKAGE CRACKING. Proceedings of International Structural Engineering and Construction, 2016, 3, .	0.1	2
20	Strength and Elastic Properties of Low-Fine Self-Compacting Concretes Designed with Nano SiO <sub>2</sub> . , 0, , .		2
21	Behavior of Glass Fabric Reinforced Polymer Concrete Composites under Flexural Loads. Restoration of Buildings and Monuments, 2013, 19, 203-210.	0.6	0
22	Fiber quantity analysis of cementitious composite using multifocus imagery. Polymer Composites, 2018, 39, 2126-2134.	4.6	0
23	Effect of Nano SiO <sub>2</sub> Size on Fresh Properties of Self-Compacting Concretes. , 0, , .		0