

Min-Hong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11940838/publications.pdf>

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13
papers

1,769
citations

758635

12
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of nano-silica to reduce setting time and increase early strength of concretes with high volumes of fly ash or slag. <i>Construction and Building Materials</i> , 2012, 29, 573-580.	3.2	365
2	Use of nano-silica to increase early strength and reduce setting time of concretes with high volumes of slag. <i>Cement and Concrete Composites</i> , 2012, 34, 650-662.	4.6	291
3	Microstructure of the interfacial zone between lightweight aggregate and cement paste. <i>Cement and Concrete Research</i> , 1990, 20, 610-618.	4.6	235
4	Water permeability and chloride penetrability of high-strength lightweight aggregate concrete. <i>Cement and Concrete Research</i> , 2002, 32, 639-645.	4.6	175
5	Water absorption, permeability, and resistance to chloride-ion penetration of lightweight aggregate concrete. <i>Construction and Building Materials</i> , 2011, 25, 335-343.	3.2	143
6	Mechanical behavior of fiber-reinforced high-strength concrete subjected to high strain-rate compressive loading. <i>Construction and Building Materials</i> , 2012, 31, 1-11.	3.2	142
7	Characterization of photocatalytic TiO ₂ powder under varied environments using near ambient pressure X-ray photoelectron spectroscopy. <i>Scientific Reports</i> , 2017, 7, 43298.	1.6	94
8	Development of lightweight concrete with high resistance to water and chloride-ion penetration. <i>Cement and Concrete Composites</i> , 2010, 32, 757-766.	4.6	78
9	Effect of high strain rate loading on compressive behaviour of fibre-reinforced high-strength concrete. <i>Magazine of Concrete Research</i> , 2011, 63, 813-827.	0.9	71
10	Effect of silica fume on cement hydration in low porosity cement pastes. <i>Cement and Concrete Research</i> , 1991, 21, 800-808.	4.6	67
11	Penetration of cement paste into lightweight aggregate. <i>Cement and Concrete Research</i> , 1992, 22, 47-55.	4.6	61
12	A model to estimate the durability performance of both normal and light-weight concrete. <i>Construction and Building Materials</i> , 2015, 80, 255-261.	3.2	37
13	Effect of bauxite aggregate in cement composites on mechanical properties and resistance against high-velocity projectile impact. <i>Cement and Concrete Composites</i> , 2021, 118, 103915.	4.6	10