

# Guoxin Zhang

## List of Publications by Year in descending order

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12  
papers

252  
citations

1163117

8  
h-index

1199594

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g-index

12  
all docs

12  
docs citations

12  
times ranked

196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of early-age thermal cracking resistance of high w/b, high volume fly ash (HVFA) concrete using temperature stress testing machine. <i>Case Studies in Construction Materials</i> , 2022, 16, e00825.	1.7	7
2	Depth detection of void defect in sandwich-structured immersed tunnel using elastic wave and decision tree. <i>Construction and Building Materials</i> , 2021, 305, 124756.	7.2	8
3	Study on pore development and water migration regularity in the process of strength formation of hydraulic concrete. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 183, 109811.	5.0	6
4	Comparison of thermal cracking potential evaluation criteria for mass concrete structures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	3.1	24
5	Evaluation of behavior and cracking potential of early-age cementitious systems using uniaxial restraint tests: A review. <i>Construction and Building Materials</i> , 2020, 231, 117146.	7.2	27
6	Environmental impact and thermal cracking resistance of low heat cement (LHC) and moderate heat cement (MHC) concrete at early ages. <i>Journal of Building Engineering</i> , 2020, 32, 101668.	3.4	19
7	Effect of temperature history and restraint degree on cracking behavior of early-age concrete. <i>Construction and Building Materials</i> , 2018, 192, 381-390.	7.2	59
8	Influence of Aggregates on Shrinkage-Induced Damage in Concrete. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	4
9	Modeling of Hydraulic Fracture of Concrete Gravity Dams by Stress-Seepage-Damage Coupling Model. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-15.	1.1	12
10	Actual Working Performance Assessment of Super-High Arch Dams. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, .	2.0	12
11	Simulation of hydraulic fracture utilizing numerical manifold method. <i>Science China Technological Sciences</i> , 2015, 58, 1542-1557.	4.0	34
12	Simulation of influence of multi-defects on long-term working performance of high arch dam. <i>Science China Technological Sciences</i> , 2011, 54, 1-8.	4.0	40