

# Xiang Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11481725/publications.pdf>

Version: 2024-02-01

6  
papers

168  
citations

1478505

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h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

72  
citing authors

#	ARTICLE	IF	CITATIONS
1	DEM analysis of the effect of interface transition zone on dynamic splitting tensile behavior of high-strength concrete based on multi-phase model. Cement and Concrete Research, 2021, 149, 106577.	11.0	54
2	Grain size and time effect on the deformation of rockfill dams: a case study on the Shuibuya CFRD. Geotechnique, 2019, 69, 606-619.	4.0	42
3	Effect of surface characteristics of aggregates on the compressive damage of high-strength concrete based on 3D discrete element method. Construction and Building Materials, 2021, 301, 124101.	7.2	32
4	Mesoscale investigation on concrete creep behaviors based on discrete element method. Construction and Building Materials, 2022, 342, 127957.	7.2	20
5	Application of Asymmetric Notched Semi-Circular Bending Specimen to Evaluate Mixed-Mode I-II Fracture Behaviors of Sandstone. Fractal and Fractional, 2022, 6, 336.	3.3	11
6	Constitutive Theory for Sand Based on the Concept of Critical Fabric Surface. Journal of Engineering Mechanics - ASCE, 2020, 146, 04020019.	2.9	9