Yao Wang

List of Publications by Year
in descending order

11 papers	136 citations	1162367 8 h-index	1372195 10 g-index
11 all docs	11 docs citations	11 times ranked	74 citing authors

#	Article	IF	Citations
1	Analysis of the Effect of Porosity in Concrete under Compression Based on DIP Technology. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	10
2	Mesoscale fracture analysis of recycled aggregate concrete based on digital image processing technique. Structural Concrete, 2021, 22, E33.	1.5	16
3	Modeling the Failure Pattern of Prenotched Recycled Aggregate Concrete Using FEM on Complementary Energy Principle. Mathematical Problems in Engineering, 2021, 2021, 1-18.	0.6	0
4	Investigation of Adhered Mortar Content on Recycled Aggregate Using Image Analysis Method. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	11
5	Base force element method based on the complementary energy principle for the damage analysis of recycled aggregate concrete. International Journal for Numerical Methods in Engineering, 2020, 121, 1484-1506.	1.5	17
6	Modeling interfacial transition zone of RAC based on a degenerate element of BFEM. Construction and Building Materials, 2020, 252, 119063.	3.2	19
7	Numerical Studies on Damage Behavior of Recycled Aggregate Concrete Based on a 3D Model. Materials, 2020, 13, 355.	1.3	1
8	2D numerical investigation on damage mechanism of recycled aggregate concrete prism. Construction and Building Materials, 2019, 213, 91-99.	3.2	17
9	Mesomechanical properties of concrete with different shapes and replacement ratios of recycled aggregate based on base force element method. Structural Concrete, 2019, 20, 1425-1437.	1.5	28
10	Application of Base Force Element Method to Mesomechanics Analysis for Concrete. Mathematical Problems in Engineering, 2014, 2014, 1-11.	0.6	4
11	Simultaneously high fracture toughness and transverse rupture strength in ultrafine cemented carbide. CrystEngComm, 2013, 15, 3305.	1.3	13