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	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
2	Modeling interfacial transition zone of RAC based on a degenerate element of BFEM. Construction and Building Materials, 2020, 252, 119063.	3.2	19
3	2D numerical investigation on damage mechanism of recycled aggregate concrete prism. Construction and Building Materials, 2019, 213, 91-99.	3.2	17
4	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
5	Mesoscale fracture analysis of recycled aggregate concrete based on digital image processing technique. Structural Concrete, 2021, 22, E33.	1.5	16
6	Simultaneously high fracture toughness and transverse rupture strength in ultrafine cemented carbide. CrystEngComm, 2013, 15, 3305.	1.3	13
7	Investigation of Adhered Mortar Content on Recycled Aggregate Using Image Analysis Method. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	11
8	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
9	Application of Base Force Element Method to Mesomechanics Analysis for Concrete. Mathematical Problems in Engineering, 2014, 2014, 1-11.	0.6	4
10	Numerical Studies on Damage Behavior of Recycled Aggregate Concrete Based on a 3D Model. Materials, 2020, 13, 355.	1.3	1
11	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