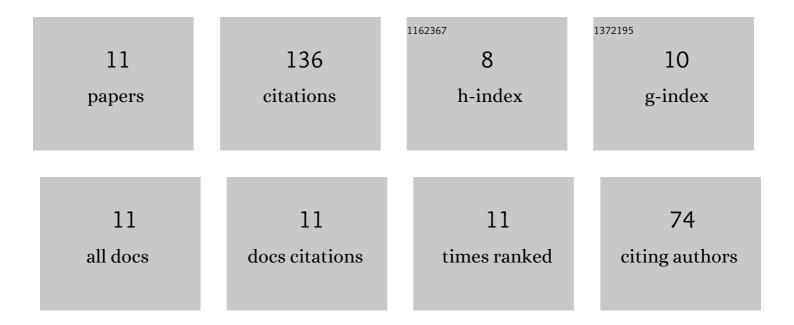
Yao Wang

List of Publications by Year in descending order

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| # | 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 |