

Mahmoud M A Kamel

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

130
citations

1477746

6
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

78
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. <i>Structural Concrete</i> , 2019, 20, 1425-1437. | 1.5 | 28 |
| 2 | Numerical Simulation of Dynamic Mechanical Properties of Concrete under Uniaxial Compression. <i>Materials</i> , 2019, 12, 643. | 1.3 | 19 |
| 3 | Modeling interfacial transition zone of RAC based on a degenerate element of BFEM. <i>Construction and Building Materials</i> , 2020, 252, 119063. | 3.2 | 19 |
| 4 | 2D numerical investigation on damage mechanism of recycled aggregate concrete prism. <i>Construction and Building Materials</i> , 2019, 213, 91-99. | 3.2 | 17 |
| 5 | Base force element method based on the complementary energy principle for the damage analysis of recycled aggregate concrete. <i>International Journal for Numerical Methods in Engineering</i> , 2020, 121, 1484-1506. | 1.5 | 17 |
| 6 | Mesoscale fracture analysis of recycled aggregate concrete based on digital image processing technique. <i>Structural Concrete</i> , 2021, 22, E33. | 1.5 | 16 |
| 7 | <scp>3â€D</scp> base force element method on mesoâ€Ddamage analysis for recycled concrete. <i>Structural Concrete</i> , 2022, 23, 1962-1980. | 1.5 | 5 |
| 8 | Influence of Silica Fume Incorporation on the Fresh, Thermal and Mechanical Properties of Expanded Polystyrene (EPS) Foamed Concrete. <i>American Journal of Civil Engineering</i> , 2017, 5, 188. | 0.3 | 5 |
| 9 | Geometrical nonlinear problems of truss beam byÂbaseÂforceÂelement method. <i>International Journal for Numerical Methods in Engineering</i> , 2021, 122, 4793-4824. | 1.5 | 3 |
| 10 | Numerical Studies on Damage Behavior of Recycled Aggregate Concrete Based on a 3D Model. <i>Materials</i> , 2020, 13, 355. | 1.3 | 1 |