

Sajjad Ahmad

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

599
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

687
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Improvement in electromagnetic interference shielding effectiveness of cement composites using carbonaceous nano/micro inerts. <i>Construction and Building Materials</i> , 2015, 85, 208-216. | 7.2 | 109 |
| 2 | High performance self-consolidating cementitious composites by using micro carbonized bamboo particles. <i>Materials & Design</i> , 2015, 76, 223-229. | 5.1 | 88 |
| 3 | Carbonized nano/microparticles for enhanced mechanical properties and electromagnetic interference shielding of cementitious materials. <i>Frontiers of Structural and Civil Engineering</i> , 2016, 10, 209-213. | 2.9 | 79 |
| 4 | Effective use of sawdust for the production of eco-friendly and thermal-energy efficient normal weight and lightweight concretes with tailored fracture properties. <i>Journal of Cleaner Production</i> , 2018, 184, 1016-1027. | 9.3 | 63 |
| 5 | Improving the mechanical performance of cement composites by carbon nanotubes addition. <i>Procedia Structural Integrity</i> , 2017, 3, 11-17. | 0.8 | 52 |
| 6 | Elaboration and characterization of novel humidity sensor based on micro-carbonized bamboo particles. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 1251-1256. | 7.8 | 44 |
| 7 | Effect of Elevated Temperatures on Mechanical Performance of Normal and Lightweight Concretes Reinforced with Carbon Nanotubes. <i>Fire Technology</i> , 2018, 54, 1331-1367. | 3.0 | 37 |
| 8 | Bio-inspired self-healing cementitious mortar using <i>Bacillus subtilis</i> immobilized on nano-/micro-additives. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 3-15. | 2.5 | 28 |
| 9 | Improvements in self-consolidating cementitious composites by using micro carbonized aggregates. <i>Frattura Ed Integrita Strutturale</i> , 2014, 8, 75-83. | 0.9 | 23 |
| 10 | Production of Biochar and Its Potential Application in Cementitious Composites. <i>Crystals</i> , 2021, 11, 527. | 2.2 | 14 |
| 11 | Ensembling Downscaling Techniques and Multiple GCMs to Improve Climate Change Predictions in Cryosphere Scarcely-Gauged Catchment. <i>Water Resources Management</i> , 2018, 32, 3155-3174. | 3.9 | 11 |
| 12 | Model swapping: A comparative performance signature for the prediction of flow duration curves in ungauged basins. <i>Journal of Hydrology</i> , 2016, 541, 1030-1041. | 5.4 | 10 |
| 13 | Fracture toughness and failure mechanism of high performance concrete incorporating carbon nanotubes. <i>Frattura Ed Integrita Strutturale</i> , 2017, 11, 238-248. | 0.9 | 10 |
| 14 | Synthesis, characterization and applications of nano/micro carbonaceous inerts: A review. <i>Procedia Structural Integrity</i> , 2018, 9, 116-125. | 0.8 | 9 |
| 15 | Applications of Nano Technology in Civil Engineering. <i>International Journal of Strategic Engineering</i> , 2018, 1, 48-64. | 0.3 | 8 |
| 16 | Theoretical and experimental analysis of multifunctional high performance cement mortar matrices reinforced with varying lengths of carbon fibers. <i>Materiales De Construccion</i> , 2018, 68, 172. | 0.7 | 6 |
| 17 | Modified fracture properties of cement composites with nano/micro carbonized bagasse fibers. <i>Frattura Ed Integrita Strutturale</i> , 2016, , . | 0.9 | 4 |
| 18 | Application of Packing Concepts to High Performance Self-Consolidating Mortar (SCM) Systems. , 2012, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Performance Evaluation of MWCNTs Reinforced Cement Mortar Composites using Natural and Commercial Surfactants. Journal Wuhan University of Technology, Materials Science Edition, 2022, 37, 47-57. | 1.0 | 2 |
| 20 | Response of Nano-Reinforced Cementitious Composites Using Natural and Commercial Dispersants. Proceedings (mdpi), 2019, 34, 23. | 0.2 | 0 |