

Arslan Akbar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7504726/publications.pdf>

Version: 2024-02-01

21
papers

1,337
citations

471509

17
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

537
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Future developments and challenges of nano-tailored cementitious composites. , 2022, , 459-472. | | 0 |
| 2 | Recycling of Waste Facial Masks as a Construction Material, a Step towards Sustainability. Materials, 2022, 15, 1810. | 2.9 | 33 |
| 3 | Effect of Silicon Carbide and Tungsten Carbide on Concrete Composite. Materials, 2022, 15, 2061. | 2.9 | 3 |
| 4 | Influence of Elevated Temperatures on the Mechanical Performance of Sustainable-Fiber-Reinforced Recycled Aggregate Concrete: A Review. Buildings, 2022, 12, 487. | 3.1 | 22 |
| 5 | Improvement in Durability and Mechanical Performance of Concrete Exposed to Aggressive Environments by Using Polymer. Materials, 2022, 15, 3751. | 2.9 | 7 |
| 6 | Sugarcane bagasse ash-based engineered geopolymer mortar incorporating propylene fibers. Journal of Building Engineering, 2021, 33, 101492. | 3.4 | 66 |
| 7 | Exploring mechanical performance of hybrid MWCNT and GNMP reinforced cementitious composites. Construction and Building Materials, 2021, 267, 120721. | 7.2 | 23 |
| 8 | Application of Gene Expression Programming (GEP) for the Prediction of Compressive Strength of Geopolymer Concrete. Materials, 2021, 14, 1106. | 2.9 | 59 |
| 9 | Prediction of Compressive Strength of Fly Ash Based Concrete Using Individual and Ensemble Algorithm. Materials, 2021, 14, 794. | 2.9 | 130 |
| 10 | Predictive modeling for sustainable high-performance concrete from industrial wastes: A comparison and optimization of models using ensemble learners. Journal of Cleaner Production, 2021, 292, 126032. | 9.3 | 204 |
| 11 | Multicriteria performance evaluation of fiber-reinforced cement composites: An environmental perspective. Composites Part B: Engineering, 2021, 218, 108937. | 12.0 | 56 |
| 12 | Microstructural changes and mechanical performance of cement composites reinforced with recycled carbon fibers. Cement and Concrete Composites, 2021, 121, 104069. | 10.7 | 40 |
| 13 | Micro-cracking pattern recognition of hybrid CNTs/GNPs cement pastes under three-point bending loading using acoustic emission technique. Journal of Building Engineering, 2021, 42, 102816. | 3.4 | 7 |
| 14 | Geopolymer concrete as sustainable material: A state of the art review. Construction and Building Materials, 2021, 306, 124762. | 7.2 | 109 |
| 15 | The recent progress of recycled steel fiber reinforced concrete. Construction and Building Materials, 2020, 232, 117232. | 7.2 | 170 |
| 16 | Applications of Gene Expression Programming for Estimating Compressive Strength of High-Strength Concrete. Advances in Civil Engineering, 2020, 2020, 1-23. | 0.7 | 97 |
| 17 | Assessing recycling potential of carbon fiber reinforced plastic waste in production of eco-efficient cement-based materials. Journal of Cleaner Production, 2020, 274, 123001. | 9.3 | 90 |
| 18 | Influence of elevated temperature on the microstructure and mechanical performance of cement composites reinforced with recycled carbon fibers. Composites Part B: Engineering, 2020, 198, 108245. | 12.0 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | New Prediction Model for the Ultimate Axial Capacity of Concrete-Filled Steel Tubes: An Evolutionary Approach. Crystals, 2020, 10, 741. | 2.2 | 87 |
| 20 | A comparative study on performance evaluation of hybrid GNPs/CNTs in conventional and self-compacting mortar. AEJ - Alexandria Engineering Journal, 2020, 59, 369-379. | 6.4 | 32 |
| 21 | Experimental Investigation of Hybrid Carbon Nanotubes and Graphite Nanoplatelets on Rheology, Shrinkage, Mechanical, and Microstructure of SCCM. Materials, 2020, 13, 230. | 2.9 | 57 |