# Jamal A Abdalla

List of Publications by Year
in descending order

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|---|---|---|---|
| 21 papers | 543 citations | 1040056 9 h-index | 1058476 14 g-index |
| 21 all docs | 21 docs citations | 21 times ranked | 431 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Finite Element Modeling of Engineered Cementitious Composite (ECC) Prisms and Beams. , 2022, , . | | 2 |
| 2 | Contribution of Longitudinal NSM-CFRP Bars on the Shear Strength of RC Beams with Varying Depths and Concrete Strengths. Journal of Composites for Construction, 2022, 26, . | 3.2 | 3 |
| 3 | Models for Predicting Strength of RC Columns Strengthened with NSM-CFRP Strips and CFRP-Fabric Wraps. Procedia Structural Integrity, 2022, 37, 660-667. | 0.8 | 2 |
| 4 | Durability of Reinforced Concrete Beams Externally Strengthened with CFRP Laminates under Harsh Climatic Conditions. Journal of Composites for Construction, 2021, 25, . | 3.2 | 15 |
| 5 | RC Columns Strengthened with NSM-CFRP Strips and CFRP Wraps under Axial and Uniaxial Bending: Experimental Investigation and Capacity Models. Journal of Composites for Construction, 2021, 25, . | 3.2 | 14 |
| 6 | Shear Strengthening of Reinforced Concrete T-Beams with Anchored CFRP Laminates. Journal of Composites for Construction, 2021, 25, . | 3.2 | 18 |
| 7 | Experimental Investigation and Modeling of the Thermal Effect on the Mechanical Properties of Polyethylene-Terephthalate FRP Laminates. Journal of Materials in Civil Engineering, 2020, 32, . | 2.9 | 8 |
| 8 | Shear Behavior of RC Beams Cast with LAVA Lightweight Aggregates. , 2019, , . | | 0 |
| 9 | Behavior of RC Beams externally strengthened with Mortar bonded Steel Mesh. , 2019, , . | | 6 |
| 10 | Bond behavior of Galvanized Steel Mesh to concrete. , 2018, , . | | 4 |
| 11 | Using bore-epoxy anchorage to delay debonding of CFRP plates strengthened concrete beams. , 2018, , . | | 4 |
| 12 | Performance of reinforced concrete beams cast with different percentages of GGBS replacement to cement. Archives of Civil and Mechanical Engineering, 2017, 17, 511-519. | 3.8 | 66 |
| 13 | Modeling and simulation of bond-slip behavior of Aluminum Alloy plates adhesively bonded to concrete. , 2017, , . | | 7 |
| 14 | Experimental investigation of bond-slip behavior of aluminum plates adhesively bonded to concrete. Journal of Adhesion Science and Technology, 2017, 31, 82-99. | 2.6 | 33 |
| 15 | Shear strengthening of reinforced concrete beams using externally-bonded aluminum alloy plates: An experimental study. Construction and Building Materials, 2016, 128, 24-37. | 7.2 | 55 |
| 16 | Prediction of minimum factor of safety against slope failure in clayey soils using artificial neural network. Environmental Earth Sciences, 2015, 73, 5463-5477. | 2.7 | 60 |
| 17 | Behavior of reinforced concrete beams strengthened with externally bonded hybrid fiber reinforced polymer systems. Materials & Design, 2014, 53, 972-982. | 5.1 | 210 |
| 18 | Prediction of backwater level of bridge constriction using an artificial neural network. Water Management, 2013, 166, 556-570. | 1.2 | 2 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Prediction of FRP-concrete ultimate bond strength using Artificial Neural Network. , 2011, , . | | 16 |
| 20 | Dynamic Response of Shear-Flexible Cylindrical Isotropic Shells with Clamped Edges. Shock and Vibration, 2006, 13, 103-116. | 0.6 | 1 |
| 21 | Probabilistic Seismic Hazard Assessment of Sudan and Its Vicinity. Earthquake Spectra, 2001, 17, 399-415. | 3.1 | 17 |