

Kyoung-Kyu Choi

List of Publications by Year in descending order

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196
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dynamic characteristics of combined isolation systems using rubber and wire isolators. Nuclear Engineering and Technology, 2022, 54, 1071-1084. | 2.3 | 3 |
| 2 | Time history analysis for investigation of dynamic behavioral characteristics of uninterruptible power supply system. Journal of Structural Integrity and Maintenance, 2022, 7, 91-109. | 1.5 | 1 |
| 3 | Experimental Investigations of the Seismic Performance of a Base-Isolated Uninterruptible Power Supply (UPS) through Shaking Table Tests. Shock and Vibration, 2022, 2022, 1-23. | 0.6 | 1 |
| 4 | Seismic retrofit of unreinforced masonry walls using precast panels of fiber-reinforced cementitious composite. Journal of Building Engineering, 2022, 53, 104548. | 3.4 | 1 |
| 5 | Shear design for prestressed concrete beams based on compression zone failure mechanism. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2021, 174, 561-580. | 0.8 | 1 |
| 6 | Tensile behavior of hybrid composites of carbon fibers and steel wire mesh reinforced polymer. Mechanics of Advanced Materials and Structures, 2021, 28, 154-166. | 2.6 | 9 |
| 7 | Direct shear behavior after elevated temperature exposure of epoxy-coated carbon textile-reinforced mortar (TRM) modified with different types of microfibers. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1. | 3.1 | 2 |
| 8 | Direct shear behavior of precast panel connections with cast-in-place shear keys using steel fiber-reinforced cementitious mortar (SFRCM). Structures, 2021, 32, 2130-2142. | 3.6 | 7 |
| 9 | Cyclic behavioral characteristics of RC beams strengthened by U-wrapped TRM jacket with anchorage details. Engineering Structures, 2021, 247, 113205. | 5.3 | 4 |
| 10 | Seismic performance of reinforced concrete columns retrofitted by textile-reinforced mortar jackets. Structure and Infrastructure Engineering, 2020, 16, 1364-1381. | 3.7 | 15 |
| 11 | Investigation on Mode I Fracture Toughness of Woven Carbon Fiber-Reinforced Polymer Composites Incorporating Nanomaterials. Polymers, 2020, 12, 2512. | 4.5 | 5 |
| 12 | Effect of short multi-walled carbon nanotubes on the mode I fracture toughness of woven carbon fiber reinforced polymer composites. Construction and Building Materials, 2020, 259, 119696. | 7.2 | 8 |
| 13 | Tensile Characteristics of Carbon Fiber-Textile Reinforced Mortar with Aluminum Oxide Treated Anchorage Surfaces. Advanced Composite Materials, 2020, 29, 509-527. | 1.9 | 10 |
| 14 | Tensile behavior of on- and off-axis carbon fiber reinforced polymer composites incorporating steel wire mesh. Mechanics of Materials, 2019, 137, 103131. | 3.2 | 12 |
| 15 | Tensile Behaviors of Lap-Spliced Carbon Fiber-Textile Reinforced Mortar Composites Exposed to High Temperature. Materials, 2019, 12, 1512. | 2.9 | 15 |
| 16 | Mechanical Performance and Durability of Latex-Modified Fiber-Reinforced Concrete. Journal of Advanced Concrete Technology, 2019, 17, 79-92. | 1.8 | 7 |
| 17 | Tensile Behavior of Carbon Fiber-Reinforced Polymer Composites Incorporating Nanomaterials after Exposure to Elevated Temperature. Journal of Nanomaterials, 2019, 2019, 1-14. | 2.7 | 25 |
| 18 | Effect of Multiwalled Carbon Nanotubes and Electroless Copper Plating on the Tensile Behavior of Carbon Fiber Reinforced Polymers. Advances in Materials Science and Engineering, 2018, 2018, 1-13. | 1.8 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Seismic performance of reinforced concrete columns retrofitted by various methods. <i>Engineering Structures</i> , 2017, 134, 217-235. | 5.3 | 58 |
| 20 | Behaviour of non-seismic detailed reinforced-concrete beam-column connections. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2017, 170, 504-520. | 0.8 | 10 |
| 21 | Maximum Shear Strength of Slender RC Beams with Rectangular Cross Sections. <i>Journal of Structural Engineering</i> , 2015, 141, . | 3.4 | 5 |
| 22 | Modification of the ACI 318 Design Method for Slab-Column Connections Subjected to Unbalanced Moment. <i>Advances in Structural Engineering</i> , 2014, 17, 1469-1480. | 2.4 | 3 |
| 23 | Experimental investigation on structural performance of mega column to spandrel beam connections used in high-rise building. <i>Structural Design of Tall and Special Buildings</i> , 2014, 23, 1315-1328. | 1.9 | 1 |
| 24 | Rheological modeling and finite element simulation of epoxy adhesive creep in FRP-strengthened RC beams. <i>Journal of Adhesion Science and Technology</i> , 2013, 27, 523-535. | 2.6 | 15 |
| 25 | Residual Behavior of Shear-Repaired Concrete Beams Using CFRP Sheets Subjected to Elevated High Temperatures. <i>Journal of Composites for Construction</i> , 2012, 16, 253-264. | 3.2 | 7 |
| 26 | Structural Behavior of Waffle-Shaped Precast Concrete Panels for Floor Systems. <i>Advances in Structural Engineering</i> , 2012, 15, 15-29. | 2.4 | 2 |
| 27 | Minimum Thickness of Flat Plate Addressing Construction Load and Scheme. <i>Advances in Structural Engineering</i> , 2012, 15, 1213-1225. | 2.4 | 1 |
| 28 | Crack modeling of steel-carbon hybrid FRCCs. <i>Advanced Composite Materials</i> , 2012, 21, 283-298. | 1.9 | 4 |
| 29 | Investigations on Flexural Strength and Stiffness of Hollow Slabs. <i>Advances in Structural Engineering</i> , 2010, 13, 591-601. | 2.4 | 24 |
| 30 | Investigation of Reinforced Concrete Inclined Shear Plane Strengthened by U-Wrapped TRM jacket with Different Anchorage Details using Modified Push-off Tests. <i>Arabian Journal for Science and Engineering</i> , 0, , 1. | 3.0 | 1 |
| 31 | Investigations of direct shear characteristics of cementitious mortar reinforced with steel and nylon fibres. <i>European Journal of Environmental and Civil Engineering</i> , 0, , 1-23. | 2.1 | 1 |