Kyoung-Kyu Choi

List of Publications by Year
in descending order

31	268	1040056 9	996975 15
papers	citations	h-index	g-index

31	31	31	196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seismic performance of reinforced concrete columns retrofitted by various methods. Engineering Structures, 2017, 134, 217-235.	5.3	58
2	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
3	Investigations on Flexural Strength and Stiffness of Hollow Slabs. Advances in Structural Engineering, 2010, 13, 591-601.	2.4	24
4	Rheological modeling and finite element simulation of epoxy adhesive creep in FRP-strengthened RC beams. Journal of Adhesion Science and Technology, 2013, 27, 523-535.	2.6	15
5	Tensile Behaviors of Lap-Spliced Carbon Fiber-Textile Reinforced Mortar Composites Exposed to High Temperature. Materials, 2019, 12, 1512.	2.9	15
6	Seismic performance of reinforced concrete columns retrofitted by textile-reinforced mortar jackets. Structure and Infrastructure Engineering, 2020, 16, 1364-1381.	3.7	15
7	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
8	Behaviour of non-seismic detailed reinforced-concrete beamâ€“column connections. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2017, 170, 504-520.	0.8	10
9	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
10	Tensile Characteristics of Carbon Fiber-Textile Reinforced Mortar with Aluminum Oxide Treated Anchorage Surfaces. Advanced Composite Materials, 2020, 29, 509-527.	1.9	10
11	Tensile behavior of hybrid composites of carbon fibersâ€”steel wire mesh reinforced polymer. Mechanics of Advanced Materials and Structures, 2021, 28, 154-166.	2.6	9
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	Residual Behavior of Shear-Repaired Concrete Beams Using CFRP Sheets Subjected to Elevated High Temperatures. Journal of Composites for Construction, 2012, 16, 253-264.	3.2	7
14	Mechanical Performance and Durability of Latex-Modified Fiber-Reinforced Concrete. Journal of Advanced Concrete Technology, 2019, 17, 79-92.	1.8	7
15	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
16	Maximum Shear Strength of Slender RC Beams with Rectangular Cross Sections. Journal of Structural Engineering, 2015, 141, .	3.4	5
17	Investigation on Mode I Fracture Toughness of Woven Carbon Fiber-Reinforced Polymer Composites Incorporating Nanomaterials. Polymers, 2020, 12, 2512.	4.5	5
18	Crack modeling of steelâ€“carbon hybrid FRCCs. Advanced Composite Materials, 2012, 21, 283-298.	1.9	4

#	Article	IF	Citations
19	Cyclic behavioral characteristics of RC beams strengthened by U-wrapped TRM jacket with anchorage details. Engineering Structures, 2021, 247, 113205.	5.3	4
20	Modification of the ACI 318 Design Method for Slab-Column Connections Subjected to Unbalanced Moment. Advances in Structural Engineering, 2014, 17, 1469-1480.	2.4	3
21	Dynamic characteristics of combined isolation systems using rubber and wire isolators. Nuclear Engineering and Technology, 2022, 54, 1071-1084.	2.3	3
22	Structural Behavior of Waffle-Shaped Precast Concrete Panels for Floor Systems. Advances in Structural Engineering, 2012, 15, 15-29.	2.4	2
23	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
24	Minimum Thickness of Flat Plate Addressing Construction Load and Scheme. Advances in Structural Engineering, 2012, 15, 1213-1225.	2.4	1
25	Experimental investigation on structural performance of mega column to spandrel beam connections used in highâ€rise building. Structural Design of Tall and Special Buildings, 2014, 23, 1315-1328.	1.9	1
26	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
27	Investigation of Reinforced Concrete Inclined Shear Plane Strengthened by U-Wrapped TRM jacket with Different Anchorage Details using Modified Push-off Tests. Arabian Journal for Science and Engineering, 0, , 1.	3.0	1
28	Investigations of direct shear characteristics of cementitious mortar reinforced with steel and nylon fibres. European Journal of Environmental and Civil Engineering, 0, , 1-23.	2.1	1
29	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
30	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
31	Seismic retrofit of unreinforced masonry walls using precast panels of fiber-reinforced cementitious composite. Journal of Building Engineering, 2022, 53, 104548.	3.4	1