

Guan Lin

List of Publications by Year in descending order

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33
papers

1,176
citations

361413

20
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docs citations

33
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of large-scale FRP-confined rectangular RC columns under axial compression. <i>Engineering Structures</i> , 2018, 174, 629-645.	5.3	139
2	Stiffness-based design-oriented compressive stress-strain model for large-rupture-strain (LRS) FRP-confined concrete. <i>Composite Structures</i> , 2019, 223, 110953.	5.8	97
3	Three-Dimensional Finite-Element Analysis of FRP-Confined Circular Concrete Columns under Eccentric Loading. <i>Journal of Composites for Construction</i> , 2017, 21, .	3.2	76
4	Analysis-Oriented Stress-Strain Model for Concrete under Combined FRP-Steel Confinement. <i>Journal of Composites for Construction</i> , 2015, 19, .	3.2	68
5	Design-Oriented Stress-Strain Model for Concrete under Combined FRP-Steel Confinement. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	61
6	Compressive behavior of FRP-confined concrete-encased steel columns. <i>Composite Structures</i> , 2016, 154, 493-506.	5.8	58
7	Advanced stress-strain model for FRP-confined concrete in square columns. <i>Composites Part B: Engineering</i> , 2020, 197, 108149.	12.0	58
8	Compressive behavior of double-tube concrete columns with an outer square FRP tube and an inner circular high-strength steel tube. <i>Construction and Building Materials</i> , 2018, 184, 668-680.	7.2	56
9	Behavior of large-scale FRP-confined rectangular RC columns under eccentric compression. <i>Engineering Structures</i> , 2020, 216, 110759.	5.3	55
10	Numerical Simulation of FRP-Jacketed RC Columns Subjected to Cyclic and Seismic Loading. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	51
11	Size Effect on Acoustic Emission Characteristics of Coal-Rock Damage Evolution. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-8.	1.8	43
12	Effective usage of high strength steel tubes: Axial compressive behavior of hybrid FRP-concrete-steel solid columns. <i>Thin-Walled Structures</i> , 2020, 154, 106796.	5.3	43
13	Inclined FRP U-jackets for enhancing structural performance of FRP-plated RC beams suffering from IC debonding. <i>Composite Structures</i> , 2018, 200, 36-46.	5.8	42
14	Stress-Strain Model for FRP-Confined Concrete in Eccentrically Loaded Circular Columns. <i>Journal of Composites for Construction</i> , 2019, 23, .	3.2	41
15	FRP-Confined Square Concrete Columns with Section Curvilinearization under Axial Compression. <i>Journal of Composites for Construction</i> , 2020, 24, .	3.2	38
16	Rectangular double-tube concrete columns with an internal elliptical high-strength steel tube: Concept and behavior. <i>Engineering Structures</i> , 2020, 216, 110742.	5.3	38
17	Compound concrete-filled FRP tubular columns under cyclic axial compression. <i>Composite Structures</i> , 2021, 275, 114329.	5.8	26
18	Large-Scale FRP-Confined Rectangular RC Columns with Section Curvilinearization under Axial Compression. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	25

#	ARTICLE	IF	CITATIONS
19	Modelling of concrete-filled filament-wound FRP confining tubes considering nonlinear biaxial tube behavior. <i>Engineering Structures</i> , 2020, 218, 110762.	5.3	23
20	Stress-strain behavior of FRP-confined concrete containing recycled concrete lumps. <i>Construction and Building Materials</i> , 2021, 267, 120915.	7.2	21
21	Behavior of FRP-Confined Circular RC Columns under Eccentric Compression. <i>Journal of Composites for Construction</i> , 2020, 24, .	3.2	19
22	Stress-Strain Behavior of FRP-Confined Recycled Aggregate Concrete in Square Columns of Different Sizes. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	18
23	Compressive behavior of concrete-filled steel tubular columns with internal high-strength steel spiral confinement. <i>Advances in Structural Engineering</i> , 2021, 24, 1687-1708.	2.4	17
24	Cyclic Performance of Steel Plate-Reinforced High Toughness Concrete Coupling Beams with Different Span-to-Depth Ratios. <i>Journal of Structural Engineering</i> , 2018, 144, .	3.4	12
25	Compressive behavior of steel spiral confined engineered cementitious composites in circular columns. <i>Advances in Structural Engineering</i> , 2020, 23, 3075-3088.	2.4	10
26	Seismic damage of long span steel tower suspension bridge considering strong aftershocks. <i>Earthquake and Structures</i> , 2012, 3, 767-781.	1.0	8
27	FE modeling of Non-circular LRS FRP-confined concrete columns. <i>Composite Structures</i> , 2022, 286, 115314.	5.8	8
28	Simulation analysis on the strength and acoustic emission characteristics of jointed rock mass. <i>Tehnicki Vjesnik</i> , 2016, 23, .	0.2	7
29	Cyclic behavior and analysis of steel plate reinforced concrete coupling beams with a span-to-depth ratio of 2.5. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 148, 106817.	3.8	6
30	Flexural strengthening of RC beams with BFRP or high strength steel bar-reinforced ECC matrix. <i>Construction and Building Materials</i> , 2021, 303, 124404.	7.2	6
31	Behavior of Different-Sized FRP-Confined Square Compound Concrete Columns Containing Recycled Concrete Lumps. <i>Journal of Composites for Construction</i> , 2022, 26, .	3.2	4
32	Preliminary Investigation of an Approach to Improve Water Impermeability in Concrete with Externally Bonded FRP Systems. <i>Journal of Composites for Construction</i> , 2021, 25, .	3.2	2
33	Nonlinear Finite Element Modeling of Concrete-Filled Circular FRP Arch Tubes under Monotonic Loading. <i>Advanced Materials Research</i> , 2012, 446-449, 69-72.	0.3	0