

Chen Fang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Behavior of concrete-filled square steel tubular stub columns stiffened with encased I-section CFRP profile under biaxial bending. <i>Journal of Constructional Steel Research</i> , 2020, 169, 106065.	3.9	23
2	Electro-Osmotic Chemical Treatment for Marine Clayey Soils: A Laboratory Experiment and A Field Study. <i>Geotechnical Testing Journal</i> , 2017, 40, 72-83.	1.0	15
3	Computational modeling and dynamic response of highway bridge columns subjected to combined vehicle collision and air blast. <i>Engineering Failure Analysis</i> , 2021, 125, 105389.	4.0	14
4	Mechanical behavior of high-strength concrete filled high-strength steel tubular stub columns stiffened with encased I-shaped CFRP profile under axial compression. <i>Composite Structures</i> , 2021, 275, 114504.	5.8	13
5	Flexural behavior of high strength concrete filled square steel tube with inner CFRP circular tube. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 2728-2737.	1.9	11
6	Detection of member overall buckling in civil space grid structures based on deviation in normal strain along the member. <i>Engineering Structures</i> , 2017, 131, 599-613.	5.3	11
7	Structural performance of concrete-filled square steel tubular columns encased with I-shaped CFRP under eccentric compression. <i>Engineering Structures</i> , 2021, 248, 113254.	5.3	11
8	Experimental investigation on electro-osmotic treatment combined with vacuum preloading for marine clay. <i>Geotextiles and Geomembranes</i> , 2021, 49, 1495-1505.	4.6	10
9	Residual Axial Capacity Estimates for Bridge Columns Subjected to Combined Vehicle Collision and Air Blast. <i>Journal of Bridge Engineering</i> , 2021, 26, .	2.9	8
10	Experimental and numerical investigation on deflection and behavior of portable construction barrier subjected to vehicle impacts. <i>Engineering Structures</i> , 2021, 235, 112071.	5.3	7
11	Behavior of CFST columns with inner CFRP tube under biaxial eccentric loading. <i>Steel and Composite Structures</i> , 2016, 22, 1487-1505.	1.3	6
12	Examining progressive collapse robustness of a high-rise reinforced concrete building. <i>Engineering Structures</i> , 2021, 248, 113274.	5.3	6
13	Numerical Modeling and Performance Assessment of Bridge Column Strengthened by FRP and Polyurea under Combined Collision and Blast Loading. <i>Journal of Composites for Construction</i> , 2022, 26, .	3.2	6
14	Electro-Osmosis Chemical Treatment of High-Salinity Soft Marine Soils: Laboratory Tests. <i>Open Civil Engineering Journal</i> , 2017, 11, 109-120.	0.8	4
15	Performance study on T-stub connected semi-rigid joint between rectangular tubular columns and H-shaped steel beams. <i>Frontiers of Structural and Civil Engineering</i> , 2013, 7, 296-303.	2.9	2
16	Shear Behaviour of Novel T-Stub Connection between Steel Frames and Precast Reinforced Concrete Shear Walls. <i>International Journal of Steel Structures</i> , 2018, 18, 115-126.	1.3	2
17	Performance Improvement in Pile Anchor System for Deep Foundation Excavation Using Electroosmotic Chemical Treatment. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-10.	0.7	2
18	Seismic behavior of rebar-penetrated joint between GCFST column and RGC beam. <i>Steel and Composite Structures</i> , 2015, 19, 547-567.	1.3	2

#	ARTICLE	IF	CITATIONS
19	CYCLIC BEHAVIOR OF REBAR-PENETRATED CONNECTION BETWEEN GANGUE CONCRETE FILLED STEEL TUBULAR COLUMN AND REINFORCED GANGUE CONCRETE BEAM. , 2015, , 54-72.		2
20	Buckling behavior of slender square concrete filled steel tubular columns strengthened with CFRP profile under combined compression and bending. Journal of Building Engineering, 2022, 53, 104563.	3.4	2
21	Finite Analysis on Performance of Joint between Gangue Concrete Filled Steel Tubular Column with through Rebar and Gangue Concrete Beam under the Monotonic Loading. Applied Mechanics and Materials, 2012, 204-208, 3724-3730.	0.2	1
22	Electro-Osmotic Chemical Treatment of Marine Clayey Soil Using CaCl ₂ Solution. Springer Series in Geomechanics and Geoengineering, 2018, , 36-48.	0.1	1
23	Performance Evaluation of Highway Bridge Piers under Medium Truck Collision Combined with Air Blast. Journal of Performance of Constructed Facilities, 2022, 36, .	2.0	1
24	Mechanical Behavior of Steel-Encased Concrete Filled Prefabricated FRP Tubes Short Column under Axial Compression Based on ABAQUS. Applied Mechanics and Materials, 2012, 256-259, 749-753.	0.2	0
25	Identification of Breathing Fatigue Cracks in Nonlinear Structures. , 2014, , .		0