

# CITATION REPORT

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## Composite Action in Concrete Filled Tubes

DOI: 10.1061/(asce)0733-9445(1999)125:5(477)  
Journal of Structural Engineering, 1999, 125, 477-484.

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**Version:** 2024-04-28

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200	Reliability-based evaluation of design code provisions for circular concrete-filled steel columns. <b>2009</b> , 31, 2299-2308		31
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191	Strength and Stiffness of Circular Concrete-Filled Tubes. <i>Journal of Structural Engineering</i> , <b>2010</b> , 136, 1545-1553	3	98
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184	DEVELOPMENT OF AN OPTIMUM PRE-FOUNDED COLUMN SYSTEM FOR TOP-DOWN CONSTRUCTION. <b>2012</b> , 18, 735-743		9
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175	Efficiency on uni-axial compressive strength improvement by using externally confined concrete-filled steel tube columns. <b>2013</b> , 20, 96-108		0
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173	The Contrastive Analysis of Bending Strength Computing Methods of Concrete Filled Steel Tube Member. <b>2014</b> , 644-650, 650-658	
172	New insights into the mechanism of load introduction into concrete-filled steel tubular column through shear connection. <b>2014</b> , 75, 139-151	19
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166	Effect of Interfacial Shear Stress on Flexural Properties of Wood Filled Steel Tube. <b>2015</b> ,	2
165	Refining bond-slip constitutive relationship between checkered steel tube and concrete. <b>2015</b> , 79, 153-164	24
164	Experimental and Simulation Studies on the Seismic Performance of I-section Steel-Concrete Composite Columns. <b>2015</b> , 18, 251-268	4
163	Performance of concrete-encased CFST box stub columns under axial compression. <b>2015</b> , 3, 211-226	10
162	Analytical buckling of slender circular concrete-filled steel tubular columns with compliant interfaces. <b>2015</b> , 115, 252-262	18
161	Influence of FRP-to-Concrete Gap Effect on Axial Strains of FRP-Confined Concrete Columns. <b>2015</b> , 1119, 760-765	
160	Influence of shrinkage on compressive behavior of concrete-filled FRP tubes: An experimental study on interface gap effect. <b>2015</b> , 75, 144-156	40
159	Structural Performance and Strength Prediction of Steel-to-Concrete Box Girder Deck Transition Zone of Hybrid Steel-Concrete Cable-Stayed Bridges. <b>2016</b> , 21, 04016083	14
158	Experimental studies on the behavior of concrete-filled steel tubes incorporating crumb rubber. <b>2016</b> , 122, 251-260	42
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156	Effects of Core Concrete Initial Imperfection on Performance of Eccentrically Loaded CFST Columns. <i>Journal of Structural Engineering</i> , <b>2016</b> , 142, 04016132	3 28

155	Repair and Strengthening of Submerged Steel Piles Using GFRP Composites. <b>2016</b> , 21, 04016038		13
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151	Flexural behavior of high strength concrete filled square steel tube with inner CFRP circular tube. <b>2017</b> , 21, 2728-2737		6
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149	Bond strength between steel and self-compacting lower expansion concrete in composite columns. <b>2017</b> , 139, 176-187		15
148	08.31: Analysis of the load transfer between materials in composite concrete encased steel columns loaded axially. <b>2017</b> , 1, 2090-2099		
147	Hybrid FRP-Concrete-Steel Multitube Concrete Columns: Concept and Behavior. <b>2017</b> , 21, 04017044		13
146	Bond Behavior of Concrete-Filled Steel Tubes at Elevated Temperatures. <i>Journal of Structural Engineering</i> , <b>2017</b> , 143, 04017147	3	19
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134	Coupled bending-shear-torsion bearing capacity of concrete filled steel tube short columns. <b>2018</b> , 123, 305-316	15
133	Bond behavior of steel fibers reinforced self-stressing and self-compacting concrete filled steel tube columns. <b>2018</b> , 158, 894-909	18
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65	Numerical analyses of the force transfer in concrete-filled steel tube columns. <b>2010</b> , 35, 241-256	19
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58	Long-Term Behavior of Square CFT Columns under Concentric Load. <b>2005</b> , 17, 281-290	
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38	Push-out tests of CFST columns strengthened with self-compacting and self-stressing concrete filled square steel tube. 2022, 193, 107263	0
37	New type of shear connector for square concrete-filled tubular columns. 136943322210988	
36	Experimental and numerical investigations of interfacial bond in self-compacting concrete-filled steel tubes made with waste steel slag aggregates. 2022, 100080	0
35	Pushout tests for concrete-filled double skin steel tubes after exposure to fire. 2022, 176, 109274	0
34	New shear transfer system for concrete-filled steel tube (CFST) columns. 2022, 15, 59-68	0
33	Experimental investigation on punching shear behavior of the embedded column base for CFSTs. 2022, 263, 114371	
32	Axial compression and bond behaviour of recycled aggregate concrete-filled stainless steel tubular stub columns. 2022, 262, 114306	1
31	Compressive behaviour of double skin sections with stainless steel outer tubes and recycled aggregate concrete. 2022, 41, 750-763	0
30	Investigation on Bond Behavior between Self-compacting Rubberized Concrete and Rectangular Steel Tubes.	1

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27	Load-transfer mechanism of distribution beams in giant rectangular concrete-filled steel tubular columns. <b>2022</b> , 197, 107487	1
26	Experimental study and design of bond behavior in concrete-filled steel tubes (CFST). <b>2022</b> , 268, 114750	1
25	Mechanical behavior of steel-fiber-reinforced self-stressing concrete filled steel tube columns subjected to eccentric loading. <b>2022</b> , 45, 932-950	0
24	Performance of stirrup-confined concrete-filled steel tubular stub columns under axial loading: A further investigation. <b>2022</b> , 17, e01483	0
23	Experimental and numerical investigations on large-section rectangular CFT columns with distributive beam under axial compression.	0
22	Evaluation of the Bond Stress Transfer Mechanism in CFSTs.	0
21	Ultimate bearing capacity of UHPC-encased CFST medium-long columns under axial compression. 1-43	0
20	Study of Behaviour of Short Concrete Columns Confined with PVC Tube under Uniaxial Load. <b>2022</b> , 12, 11427	0
19	Experimental and numerical investigations into the compressive behaviour of circular concrete-filled double-skin steel tubular columns with bolted shear studs. <b>2022</b> , 46, 880-898	0
18	Bond-slip behavior between high-strength steel tube and Ultra-high Performance Concrete. <b>2023</b> , 47, 1498-1510	0
17	Post-fire bond behaviour in elliptical concrete filled steel tubes: Experiment and simulation. <b>2023</b> , 201, 107725	0
16	Bond behaviour of round-ended recycled aggregate concrete filled steel tube (RE-RACFST) columns. <b>2023</b> , 201, 107700	0
15	Static strength of CFRP-strengthened preloaded circular concrete-filled steel tube stub column columns [Part II: Theoretical and numerical analysis. <b>2023</b> , 184, 110547	0
14	Static strength of CFRP-strengthened preloaded circular concrete-filled steel tube stub columns, Part I: Experimental test. <b>2023</b> , 184, 110546	0
13	Post-fire load-reversed push-out performance of normal and lightweight concrete-filled steel tube columns: Experiments and predictions. <b>2023</b> , 51, 1414-1437	0
12	Experimental study on a highly efficient shear transfer system for square CFST. <b>2023</b> , 205, 107905	0

11	Mechanical properties of innovative prefabricated friction pendulum bearing with concrete-filled steel tube system. <b>2023</b> , 69, 106170	0
10	Experimental study on self-compacting concrete-filled steel tube samples containing shrinkage-controlling admixtures. <b>2023</b> , 70, 106465	0
9	Bond-slip performance of seawater sea sand concrete filled filament wound FRP tubes under cyclic and static loads. <b>2023</b> , 52, 889-903	0
8	Axial compression behaviour of circular concrete-filled double-skin steel tubular columns with bolted shear studs: Numerical investigation and design. <b>2023</b> , 205, 107911	0
7	Further analysis on mechanical behaviors of blind-bolted T-stub connections to CFDST columns. <b>2023</b> , 48, 1964-1976	0
6	The difference of dent characteristics between the inner and outer tubes of sandwich pipes under lateral loading. <b>2023</b> , 271, 113726	0
5	Load transfer mechanism in concrete-filled steel tubular columns: Developments, challenges and opportunities. <b>2023</b> , 203, 107781	2
4	Mechanism and Design Method of Load Transfer into Concrete-Filled Steel Tubular Arch Ribs through Perfobond-Rib-Shear Connectors. <b>2023</b> , 13, 807	0
3	Bond-slip behavior between multi-partition steel tubes and concrete. <b>2023</b> , 56,	0
2	Experimental Study on the Bearing Performance of Rock-Socketed Concrete-Filled Steel Tube Piles under Horizontal Cyclic Loading. <b>2023</b> , 11, 788	0
1	Rheological-dynamic model for load-bearing capacity of composite columns due to concrete core failure. <b>2023</b> , 56,	0