

Yancheng Cai

List of Publications by Year in descending order

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papers

577
citations

623574

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all docs

35
docs citations

35
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength predictions of circular hollow section T-joints of steel grade 1100MPa. Journal of Constructional Steel Research, 2022, 188, 107003.	1.7	7
2	Experimental study on seismic behavior of welded H-section stainless steel beam-columns. Engineering Structures, 2022, 259, 114105.	2.6	7
3	Design of lean duplex stainless steel tubular sections subjected to concentrated end bearing loads at elevated temperatures. Thin-Walled Structures, 2021, 160, 107298.	2.7	11
4	Design of Lean Duplex Stainless Steel Tubular Sections Subjected to Concentrated End-Bearing Loads. Journal of Structural Engineering, 2021, 147, .	1.7	8
5	High strength steel square and rectangular tubular stub columns infilled with concrete. Journal of Constructional Steel Research, 2021, 179, 106536.	1.7	26
6	Web crippling design of lean duplex stainless steel tubular members under interior loading conditions. Engineering Structures, 2021, 238, 112192.	2.6	12
7	Lean duplex stainless steel tubular sections undergoing web crippling at elevated temperatures. Journal of Constructional Steel Research, 2021, 182, 106681.	1.7	7
8	Behaviour and design of cold-formed austenitic stainless steel circular tubes infilled with seawater sea-sand concrete. Engineering Structures, 2021, 241, 112435.	2.6	9
9	Chord plastification in high strength steel circular hollow section X-joints: Testing, modelling and strength predictions. Engineering Structures, 2021, 243, 112692.	2.6	4
10	Experimental and numerical investigations on pre-twisted steel box-section columns. Engineering Structures, 2021, 246, 112996.	2.6	2
11	Behaviour of duplex stainless steel bolted connections. Thin-Walled Structures, 2021, 169, 108380.	2.7	6
12	Behaviour of concrete-filled cold-formed high strength steel circular stub columns. Thin-Walled Structures, 2020, 157, 107078.	2.7	32
13	Effects of End Distance and Temperature on Thin-Sheet Steel Double Shear-Bolted Connections. Journal of Structural Engineering, 2020, 146, .	1.7	1
14	Circular concrete filled steel tubes made of eco-concrete with limestone fines added as cementitious paste replacement. Structures, 2020, 28, 69-79.	1.7	9
15	Effects of end distance on thin sheet steel single shear bolted connections at elevated temperatures. Thin-Walled Structures, 2020, 148, 106577.	2.7	10
16	Effects of end distance on thin sheet steel bolted connections. Engineering Structures, 2019, 196, 109331.	2.6	19
17	Experimental and numerical investigation of concrete-filled hot-finished and cold-formed steel elliptical tubular stub columns. Thin-Walled Structures, 2019, 145, 106437.	2.7	29
18	Design of CFRP-strengthened stainless steel tubular sections subjected to web crippling. Journal of Constructional Steel Research, 2019, 159, 442-458.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Mechanical properties of thin sheet steel after exposure to high temperatures. Thin-Walled Structures, 2019, 142, 460-475.	2.7	14
20	Cold-Formed Lean Duplex Stainless Steel Tubular Members under Concentrated Interior Bearing Loads. Journal of Structural Engineering, 2019, 145, .	1.7	14
21	Carbon steel and stainless steel bolted connections undergoing unloading and re-loading processes. Journal of Constructional Steel Research, 2019, 157, 337-346.	1.7	16
22	Engineering modular integrated construction for high-rise building: a case study in Hong Kong. Proceedings of the Institution of Civil Engineers: Civil Engineering, 2019, 172, 51-57.	0.3	14
23	Behavior and design of cold-formed and hot-finished steel elliptical tubular stub columns. Journal of Constructional Steel Research, 2019, 156, 252-265.	1.7	33
24	Web crippling of lean duplex stainless steel tubular sections under concentrated end bearing loads. Thin-Walled Structures, 2019, 134, 29-39.	2.7	25
25	Structural behaviour of cold-formed stainless steel bolted connections at post-fire condition. Journal of Constructional Steel Research, 2019, 152, 312-321.	1.7	16
26	Engineering modular systems for high-rise buildings: an update. Proceedings of the Institution of Civil Engineers: Civil Engineering, 2018, 171, 148-148.	0.3	6
27	Fire resistance of stainless steel single shear bolted connections. Thin-Walled Structures, 2018, 130, 332-346.	2.7	13
28	01.09: Transient state tests of cold-formed stainless steel bolted connections. Ce/Papers, 2017, 1, 234-242.	0.1	0
29	Application and design of 3D seismic isolation bearing in lattice shell structure. HKIE Transactions, 2016, 23, 200-213.	1.9	2
30	Bearing factors of cold-formed stainless steel double shear bolted connections at elevated temperatures. Thin-Walled Structures, 2016, 98, 212-229.	2.7	32
31	High temperature tests of cold-formed stainless steel double shear bolted connections. Journal of Constructional Steel Research, 2015, 104, 49-63.	1.7	30
32	Structural behavior of cold-formed stainless steel bolted connections. Thin-Walled Structures, 2014, 83, 147-156.	2.7	60
33	Transient state tests of cold-formed stainless steel single shear bolted connections. Engineering Structures, 2014, 81, 1-9.	2.6	16
34	Behavior of cold-formed stainless steel single shear bolted connections at elevated temperatures. Thin-Walled Structures, 2014, 75, 63-75.	2.7	45
35	Three-dimensional seismic isolation bearing and its application in long span hangars. Earthquake Engineering and Engineering Vibration, 2013, 12, 55-65.	1.1	31