

Yancheng Cai

List of Publications by Year in descending order

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35
papers

577
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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structural behavior of cold-formed stainless steel bolted connections. <i>Thin-Walled Structures</i> , 2014, 83, 147-156. | 2.7 | 60 |
| 2 | Behavior of cold-formed stainless steel single shear bolted connections at elevated temperatures. <i>Thin-Walled Structures</i> , 2014, 75, 63-75. | 2.7 | 45 |
| 3 | Behavior and design of cold-formed and hot-finished steel elliptical tubular stub columns. <i>Journal of Constructional Steel Research</i> , 2019, 156, 252-265. | 1.7 | 33 |
| 4 | Bearing factors of cold-formed stainless steel double shear bolted connections at elevated temperatures. <i>Thin-Walled Structures</i> , 2016, 98, 212-229. | 2.7 | 32 |
| 5 | Behaviour of concrete-filled cold-formed high strength steel circular stub columns. <i>Thin-Walled Structures</i> , 2020, 157, 107078. | 2.7 | 32 |
| 6 | Three-dimensional seismic isolation bearing and its application in long span hangars. <i>Earthquake Engineering and Engineering Vibration</i> , 2013, 12, 55-65. | 1.1 | 31 |
| 7 | High temperature tests of cold-formed stainless steel double shear bolted connections. <i>Journal of Constructional Steel Research</i> , 2015, 104, 49-63. | 1.7 | 30 |
| 8 | Experimental and numerical investigation of concrete-filled hot-finished and cold-formed steel elliptical tubular stub columns. <i>Thin-Walled Structures</i> , 2019, 145, 106437. | 2.7 | 29 |
| 9 | High strength steel square and rectangular tubular stub columns infilled with concrete. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106536. | 1.7 | 26 |
| 10 | Web crippling of lean duplex stainless steel tubular sections under concentrated end bearing loads. <i>Thin-Walled Structures</i> , 2019, 134, 29-39. | 2.7 | 25 |
| 11 | Effects of end distance on thin sheet steel bolted connections. <i>Engineering Structures</i> , 2019, 196, 109331. | 2.6 | 19 |
| 12 | Transient state tests of cold-formed stainless steel single shear bolted connections. <i>Engineering Structures</i> , 2014, 81, 1-9. | 2.6 | 16 |
| 13 | Carbon steel and stainless steel bolted connections undergoing unloading and re-loading processes. <i>Journal of Constructional Steel Research</i> , 2019, 157, 337-346. | 1.7 | 16 |
| 14 | Structural behaviour of cold-formed stainless steel bolted connections at post-fire condition. <i>Journal of Constructional Steel Research</i> , 2019, 152, 312-321. | 1.7 | 16 |
| 15 | Mechanical properties of thin sheet steel after exposure to high temperatures. <i>Thin-Walled Structures</i> , 2019, 142, 460-475. | 2.7 | 14 |
| 16 | Cold-Formed Lean Duplex Stainless Steel Tubular Members under Concentrated Interior Bearing Loads. <i>Journal of Structural Engineering</i> , 2019, 145, . | 1.7 | 14 |
| 17 | Engineering modular integrated construction for high-rise building: a case study in Hong Kong. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2019, 172, 51-57. | 0.3 | 14 |
| 18 | Fire resistance of stainless steel single shear bolted connections. <i>Thin-Walled Structures</i> , 2018, 130, 332-346. | 2.7 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Web crippling design of lean duplex stainless steel tubular members under interior loading conditions. <i>Engineering Structures</i> , 2021, 238, 112192. | 2.6 | 12 |
| 20 | Design of CFRP-strengthened stainless steel tubular sections subjected to web crippling. <i>Journal of Constructional Steel Research</i> , 2019, 159, 442-458. | 1.7 | 11 |
| 21 | Design of lean duplex stainless steel tubular sections subjected to concentrated end bearing loads at elevated temperatures. <i>Thin-Walled Structures</i> , 2021, 160, 107298. | 2.7 | 11 |
| 22 | Effects of end distance on thin sheet steel single shear bolted connections at elevated temperatures. <i>Thin-Walled Structures</i> , 2020, 148, 106577. | 2.7 | 10 |
| 23 | Circular concrete filled steel tubes made of eco-concrete with limestone fines added as cementitious paste replacement. <i>Structures</i> , 2020, 28, 69-79. | 1.7 | 9 |
| 24 | Behaviour and design of cold-formed austenitic stainless steel circular tubes infilled with seawater sea-sand concrete. <i>Engineering Structures</i> , 2021, 241, 112435. | 2.6 | 9 |
| 25 | Design of Lean Duplex Stainless Steel Tubular Sections Subjected to Concentrated End-Bearing Loads. <i>Journal of Structural Engineering</i> , 2021, 147, . | 1.7 | 8 |
| 26 | Lean duplex stainless steel tubular sections undergoing web crippling at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2021, 182, 106681. | 1.7 | 7 |
| 27 | Strength predictions of circular hollow section T-joints of steel grade 1100MPa. <i>Journal of Constructional Steel Research</i> , 2022, 188, 107003. | 1.7 | 7 |
| 28 | Experimental study on seismic behavior of welded H-section stainless steel beam-columns. <i>Engineering Structures</i> , 2022, 259, 114105. | 2.6 | 7 |
| 29 | Engineering modular systems for high-rise buildings: an update. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2018, 171, 148-148. | 0.3 | 6 |
| 30 | Behaviour of duplex stainless steel bolted connections. <i>Thin-Walled Structures</i> , 2021, 169, 108380. | 2.7 | 6 |
| 31 | Chord plastification in high strength steel circular hollow section X-joints: Testing, modelling and strength predictions. <i>Engineering Structures</i> , 2021, 243, 112692. | 2.6 | 4 |
| 32 | Application and design of 3D seismic isolation bearing in lattice shell structure. <i>HKIE Transactions</i> , 2016, 23, 200-213. | 1.9 | 2 |
| 33 | Experimental and numerical investigations on pre-twisted steel box-section columns. <i>Engineering Structures</i> , 2021, 246, 112996. | 2.6 | 2 |
| 34 | Effects of End Distance and Temperature on Thin-Sheet Steel Double Shear-Bolted Connections. <i>Journal of Structural Engineering</i> , 2020, 146, . | 1.7 | 1 |
| 35 | 01.09: Transient state tests of cold-formed stainless steel bolted connections. <i>Ce/Papers</i> , 2017, 1, 234-242. | 0.1 | 0 |