

# Yu Bai

## List of Publications by Year in descending order

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194  
papers

7,540  
citations

46918

47  
h-index

82410

72  
g-index

205  
all docs

205  
docs citations

205  
times ranked

3376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric forming and mechanical performance of reciprocal frame structures assembled using fibre reinforced composites. <i>Engineering Structures</i> , 2022, 250, 113420.	2.6	4
2	Mechanical and durability properties of epoxy mortar incorporating coal bottom ash as filler. <i>Construction and Building Materials</i> , 2022, 315, 125677.	3.2	11
3	Tensile behaviour of innovative one-sided bolts in concrete-filled steel tubular connections. <i>Journal of Constructional Steel Research</i> , 2022, 191, 107165.	1.7	13
4	Bayesian dynamic regression for reconstructing missing data in structural health monitoring. <i>Structural Health Monitoring</i> , 2022, 21, 2097-2115.	4.3	44
5	Thermal and mechanical performances of GFRP sandwich structures with integrated amorphous silicon photovoltaic cells. <i>Composite Structures</i> , 2022, 290, 115524.	3.1	3
6	Construction Industry Transformation Through Modular Methods. , 2022, , 259-276.		2
7	Durability of glass-fibre-reinforced polymer composites under seawater and sea-sand concrete coupled with harsh outdoor environments. <i>Advances in Structural Engineering</i> , 2021, 24, 1090-1109.	1.2	35
8	A real-time co-simulation solution for train-track-bridge interaction. <i>JVC/Journal of Vibration and Control</i> , 2021, 27, 1606-1616.	1.5	15
9	Improved fire resistance of cold-formed steel walls by using super absorbent polymers. <i>Thin-Walled Structures</i> , 2021, 160, 107355.	2.7	9
10	Cyclic behaviour of prefabricated connections for steel beam to concrete filled steel tube column. <i>Journal of Constructional Steel Research</i> , 2021, 176, 106422.	1.7	9
11	Shear behaviour of hollow precast concrete-composite structures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	1.3	8
12	Thermal and mechanical evaluation on integration of GFRP and thin-film flexible PV cells for building applications. <i>Journal of Cleaner Production</i> , 2021, 289, 125809.	4.6	8
13	Influence of board joint configurations on the fire performance of CFS walls. <i>Journal of Constructional Steel Research</i> , 2021, 179, 106553.	1.7	3
14	Bonded CFRP/Steel Systems, Remedies of Bond Degradation and Behaviour of CFRP Repaired Steel: An Overview. <i>Polymers</i> , 2021, 13, 1533.	2.0	12
15	Bending and Shear Behaviour of Waste Rubber Concrete-Filled FRP Tubes with External Flanges. <i>Polymers</i> , 2021, 13, 2500.	2.0	9
16	Axial compression behaviour of all-composite modular wall system. <i>Composite Structures</i> , 2021, 268, 113986.	3.1	25
17	Fire performance of loaded fibre reinforced polymer multicellular composite structures with fire-resistant panels. <i>Construction and Building Materials</i> , 2021, 296, 123733.	3.2	7
18	Bending behaviour of precast concrete slab with externally flanged hollow FRP tubes. <i>Engineering Structures</i> , 2021, 241, 112433.	2.6	30

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19	Comparative study on mechanical performance of bolted joints with steel and fibre reinforced polymer bolts. <i>Journal of Building Engineering</i> , 2021, 41, 102457.	1.6	6
20	Full-scale corner-supported modular steel structures with vertical inter-module connections under cyclic loading. <i>Journal of Building Engineering</i> , 2021, 44, 103269.	1.6	8
21	Performance Improvement for Building Integrated Photovoltaics in Practice: A Review. <i>Energies</i> , 2021, 14, 178.	1.6	32
22	An efficient hybrid method for dynamic interaction of train-track-bridge coupled system. <i>Canadian Journal of Civil Engineering</i> , 2020, 47, 1084-1093.	0.7	3
23	Effects of UV radiation, moisture and elevated temperature on mechanical properties of GFRP pultruded profiles. <i>Construction and Building Materials</i> , 2020, 231, 117137.	3.2	51
24	Joint Strength of Single-Bolted Pultruded GFRP Square Hollow Sections with Mechanical Inserts under Elevated Temperatures. <i>Journal of Composites for Construction</i> , 2020, 24, .	1.7	6
25	Mechanical performance of fibre reinforced polymer confined softwood timber for pole applications. <i>Composite Structures</i> , 2020, 235, 111807.	3.1	10
26	Mechanical performance of novel steel one-sided bolted joints in shear. <i>Journal of Constructional Steel Research</i> , 2020, 165, 105815.	1.7	31
27	Durability of seawater and sea sand concrete filled filament wound FRP tubes under seawater environments. <i>Composites Part B: Engineering</i> , 2020, 202, 108409.	5.9	78
28	Aerodynamic Performance of an Adaptive GFRP Wind Barrier Structure for Railway Bridges. <i>Materials</i> , 2020, 13, 4214.	1.3	14
29	Mechanical properties of pultruded GFRP profiles under seawater sea sand concrete environment coupled with UV radiation and moisture. <i>Construction and Building Materials</i> , 2020, 258, 120369.	3.2	42
30	Structural Concept and Solution for Hybrid Modular Buildings with Removable Modules. <i>Journal of Architectural Engineering</i> , 2020, 26, .	0.8	12
31	Lateral stiffness evaluation on corner-supported thin walled modular steel structures. <i>Thin-Walled Structures</i> , 2020, 157, 106967.	2.7	22
32	Mechanical performance of building modules during road transportation. <i>Engineering Structures</i> , 2020, 223, 111185.	2.6	10
33	Bond performance between FRP tubes and seawater sea sand concrete after exposure to seawater condition. <i>Construction and Building Materials</i> , 2020, 265, 120342.	3.2	41
34	Development of self-floating fibre reinforced polymer composite structures for photovoltaic energy harvesting. <i>Composite Structures</i> , 2020, 253, 112788.	3.1	12
35	Steel bolted flanged connections in tension: Effects of stiffener configurations. <i>Thin-Walled Structures</i> , 2020, 154, 106824.	2.7	12
36	Cyclic performance of splice connections for hollow section fibre reinforced polymer members. <i>Composite Structures</i> , 2020, 243, 112222.	3.1	10

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37	Reliability-based design optimisation of structural systems using high-order analytical moments. <i>Structural Safety</i> , 2020, 86, 101970.	2.8	8
38	An integrated review of automation and robotic technologies for structural prefabrication and construction. <i>Transportation Safety and Environment</i> , 2020, 2, 81-96.	1.1	28
39	A framework combining pseudo-excitation method and two-and-a-half-dimensional finite element method for random ground vibrations induced by high-speed trains. <i>Advances in Structural Engineering</i> , 2020, 23, 3263-3277.	1.2	6
40	Durability of pultruded GFRP tubes subjected to seawater sea sand concrete and seawater environments. <i>Construction and Building Materials</i> , 2020, 245, 118399.	3.2	57
41	Acceleration responses of building modules during road transportation. <i>Engineering Structures</i> , 2020, 210, 110398.	2.6	12
42	Load-Dependent Composite Action for Beam Nonlinear and Ductile Behavior. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	4
43	Safety management in construction: 20 years of risk modeling. <i>Safety Science</i> , 2020, 129, 104805.	2.6	29
44	Bending Performance of Splice Connections for Assembly of Tubular Section FRP Members: Experimental and Numerical Study. <i>Journal of Composites for Construction</i> , 2019, 23, 04019040.	1.7	17
45	Bond-slip behaviour between FRP tubes and seawater sea sand concrete. <i>Engineering Structures</i> , 2019, 197, 109421.	2.6	63
46	Progressive collapse analysis and structural robustness of steel-framed modular buildings. <i>Engineering Failure Analysis</i> , 2019, 104, 643-656.	1.8	49
47	Effect of Fibers Configuration and Thickness on Tensile Behavior of GFRP Laminates Exposed to Harsh Environment. <i>Polymers</i> , 2019, 11, 1401.	2.0	41
48	Prefabricated connection for steel beam and concrete-filled steel tube column. <i>Journal of Constructional Steel Research</i> , 2019, 162, 105751.	1.7	22
49	Lean Methodologies and Techniques for Modular Construction: Chronological and Critical Review. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019, 145, .	2.0	97
50	Stress mitigation for adhesively bonded photovoltaics with fibre reinforced polymer composites in load carrying applications. <i>Composites Part B: Engineering</i> , 2019, 177, 107420.	5.9	12
51	New advancements, challenges and opportunities of multi-storey modular buildings – A state-of-the-art review. <i>Engineering Structures</i> , 2019, 183, 883-893.	2.6	345
52	Development of latticed structures with bolted steel sleeve and plate connection and hollow section GFRP members. <i>Thin-Walled Structures</i> , 2019, 137, 106-116.	2.7	16
53	An efficient approach for prediction of subway train-induced ground vibrations considering random track unevenness. <i>Journal of Sound and Vibration</i> , 2019, 455, 359-379.	2.1	43
54	Continuous performance assessment of thin-film flexible photovoltaic cells under mechanical loading for building integration. <i>Solar Energy</i> , 2019, 183, 96-104.	2.9	19

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55	Axial Compression Behaviours of Pultruded GFRP-Wood Composite Columns. <i>Sensors</i> , 2019, 19, 755.	2.1	15
56	End Plate-Stiffener Connection for SHS Column and RHS Beam in Steel-Framed Building Modules. <i>International Journal of Steel Structures</i> , 2019, 19, 1353-1365.	0.6	23
57	Behaviour of pultruded GFRP truss system connected using through-bolt with mechanical insert. <i>Composites Part B: Engineering</i> , 2019, 168, 44-57.	5.9	26
58	Pultruded GFRP square hollow columns with bolted sleeve joints under eccentric compression. <i>Composites Part B: Engineering</i> , 2019, 162, 274-282.	5.9	35
59	Connections and structural applications of fibre reinforced polymer composites for civil infrastructure in aggressive environments. <i>Composites Part B: Engineering</i> , 2019, 164, 129-143.	5.9	127
60	Web crippling behavior of pultruded GFRP channel sections under transverse bearing load. <i>Composite Structures</i> , 2019, 209, 129-142.	3.1	31
61	Axial capacity of steel tube-reinforced concrete stub columns. <i>Engineering Structures</i> , 2019, 183, 523-532.	2.6	12
62	Efficient assessment of 3D train-track-bridge interaction combining multi-time-step method and moving track technique. <i>Engineering Structures</i> , 2019, 183, 290-302.	2.6	50
63	Full-field finite element model updating using Zernike moment descriptors for structures exhibiting localized mode shapes. <i>Mechanical Systems and Signal Processing</i> , 2019, 121, 373-388.	4.4	12
64	Low cycle fatigue property and fracture behavior of low yield point steels. <i>Construction and Building Materials</i> , 2018, 165, 688-696.	3.2	37
65	Behaviour of CFRP-confined concrete-filled circular steel tube stub columns under axial loading. <i>Thin-Walled Structures</i> , 2018, 125, 107-118.	2.7	78
66	Cyclic performance of bonded sleeve beam-column connections for FRP tubular sections. <i>Composites Part B: Engineering</i> , 2018, 142, 171-182.	5.9	32
67	Axial performance of steel splice connection for tubular FRP column members. <i>Composite Structures</i> , 2018, 189, 498-509.	3.1	25
68	Post-fire mechanical performance of modular GFRP multicellular slabs with prefabricated fire resistant panels. <i>Composites Part B: Engineering</i> , 2018, 143, 55-67.	5.9	26
69	Modular assembly of water-retaining walls using GFRP hollow profiles: Components and connection performance. <i>Composite Structures</i> , 2018, 194, 1-11.	3.1	44
70	Non-Stationary Random Vibration Analysis of Railway Bridges Under Moving Heavy-Haul Trains. <i>International Journal of Structural Stability and Dynamics</i> , 2018, 18, 1850035.	1.5	22
71	Mechanical performance of two-way modular FRP sandwich slabs. <i>Composite Structures</i> , 2018, 184, 904-916.	3.1	58
72	An efficient multi-time-step method for train-track-bridge interaction. <i>Computers and Structures</i> , 2018, 196, 36-48.	2.4	56

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73	Composite frame of circular CFST column to steel-concrete composite beam under lateral cyclic loading. <i>Thin-Walled Structures</i> , 2018, 122, 137-146.	2.7	29
74	Strength of external-ring-stiffened tubular X-joints subjected to brace axial compressive loading. <i>Thin-Walled Structures</i> , 2018, 133, 17-26.	2.7	14
75	Effect of widthâ€“thickness ratio on capacity of pultruded square hollow polymer columns. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2018, 171, 842-854.	0.4	16
76	Capacity of Screw Connections between Plasterboard Panels and Cold-Formed Steel for Modular Buildings. <i>Journal of Architectural Engineering</i> , 2018, 24, .	0.8	17
77	Intermodal transportation of modular structure units. <i>World Review of Intermodal Transportation Research</i> , 2018, 7, 99.	0.2	8
78	Ultimate limit design of composite beams with modular GFRP deck and steel girder. <i>Engineering Structures</i> , 2018, 176, 337-348.	2.6	5
79	Displacement ductility of staged construction-steel tube-reinforced concrete columns. <i>Construction and Building Materials</i> , 2018, 188, 1137-1148.	3.2	12
80	A fast random method for three-dimensional analysis of train-track-soil dynamic interaction. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 115, 252-262.	1.9	25
81	Fiber reinforced composites sandwich panels with web reinforced wood core for building floor applications. <i>Composites Part B: Engineering</i> , 2018, 150, 196-211.	5.9	52
82	Effect of bolt threads on the double lap joint strength of pultruded fibre reinforced polymer composite materials. <i>Construction and Building Materials</i> , 2018, 181, 185-198.	3.2	14
83	CHS X-joints strengthened by external stiffeners under brace axial tension. <i>Engineering Structures</i> , 2018, 171, 445-452.	2.6	20
84	Optimization modeling of multi-skilled resources in prefabrication: Theorizing cost analysis of process integration in off-site construction. <i>Automation in Construction</i> , 2018, 95, 1-9.	4.8	85
85	Short-term flexural behaviour of concrete filled pultruded GFRP cellular and tubular sections with pin-eye connections for modular retaining wall construction. <i>Composite Structures</i> , 2018, 206, 1-10.	3.1	46
86	Bonded Sleeve Connections for Joining Tubular Glass Fiberâ€“Reinforced Polymer Beams and Columns: Experimental and Numerical Studies. <i>Journal of Composites for Construction</i> , 2018, 22, .	1.7	27
87	Axial compression capacity of steel CHS X-joints strengthened with external stiffeners. <i>Journal of Constructional Steel Research</i> , 2018, 141, 156-166.	1.7	30
88	Connection Performance in Steelâ€“Concrete Composite Truss Bridge Structures. <i>Journal of Bridge Engineering</i> , 2017, 22, 04016126.	1.4	12
89	Capacity of steel CHS T-Joints strengthened with external stiffeners under axial compression. <i>Thin-Walled Structures</i> , 2017, 113, 39-46.	2.7	27
90	Composite actions within steel-FRP composite beam systems with novel blind bolt shear connections. <i>Engineering Structures</i> , 2017, 138, 63-73.	2.6	32

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91	Capacity of steel CHS X-joints strengthened with external stiffening rings in compression. <i>Thin-Walled Structures</i> , 2017, 115, 110-118.	2.7	46
92	Temperature-sensitive mechanical properties of GFRP composites in longitudinal and transverse directions: A comparative study. <i>Composite Structures</i> , 2017, 173, 255-267.	3.1	30
93	Thermal performance of modular GFRP multicellular structures assembled with fire resistant panels. <i>Composite Structures</i> , 2017, 172, 22-33.	3.1	22
94	A hybrid solution for studying vibrations of coupled trainâ€“trackâ€“bridge system. <i>Advances in Structural Engineering</i> , 2017, 20, 1699-1711.	1.2	35
95	Joint capacity of bonded sleeve connections for tubular fibre reinforced polymer members. <i>Composite Structures</i> , 2017, 163, 267-279.	3.1	35
96	Bending performance of GFRP-wood sandwich beams with lattice-web reinforcement in flatwise and sidewise directions. <i>Construction and Building Materials</i> , 2017, 156, 532-545.	3.2	45
97	Seismic damage evaluation of high-speed railway bridge components under different intensities of earthquake excitations. <i>Engineering Structures</i> , 2017, 152, 116-128.	2.6	54
98	Optimizing decisions in advanced manufacturing of prefabricated products: Theorizing supply chain configurations in off-site construction. <i>Automation in Construction</i> , 2017, 84, 146-153.	4.8	81
99	Comparative study of energy dissipation capacity of steel and glass fibre-reinforced polymer frames with bonded sleeve connections. <i>Journal of Reinforced Plastics and Composites</i> , 2017, 36, 1665-1679.	1.6	5
100	Mechanical performance of concrete pavement reinforced by CFRP grids for bridge deck applications. <i>Composites Part B: Engineering</i> , 2017, 110, 315-335.	5.9	32
101	Fiber-Reinforced Polymer Composite Members with Adhesive Bonded Sleeve Joints for Space Frame Structures. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	1.3	26
102	Flexural responses and pseudo-ductile performance of lattice-web reinforced GFRP-wood sandwich beams. <i>Composites Part B: Engineering</i> , 2017, 108, 364-376.	5.9	54
103	Heating rate effect on the thermophysical properties of steel in fire. <i>Journal of Constructional Steel Research</i> , 2017, 128, 611-617.	1.7	16
104	Kinetic modelling of thermophysical properties of shape memory alloys during phase transformation. <i>Construction and Building Materials</i> , 2017, 131, 146-155.	3.2	12
105	Static and dynamic performance of an orthotropic-deck pultruded fibre-reinforced polymer footbridge. <i>IABSE Symposium Report</i> , 2017, , .	0.0	0
106	Experimental and numerical investigations on the thermal response of multilayer glass fibre/unsaturated polyester/organoclay composite. <i>Fire and Materials</i> , 2016, 40, 1047-1069.	0.9	19
107	Member Capacity of Pultruded GFRP Tubular Profile with Bolted Sleeve Joints for Assembly of Latticed Structures. <i>Journal of Composites for Construction</i> , 2016, 20, .	1.7	26
108	Improved bond behavior between GFRP rebar and concrete using calcium sulfoaluminate. <i>Construction and Building Materials</i> , 2016, 113, 897-904.	3.2	24

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109	Random dynamic analysis of a train-bridge coupled system involving random system parameters based on probability density evolution method. Probabilistic Engineering Mechanics, 2016, 46, 48-61.	1.3	56
110	Bonded sleeve connections for joining tubular GFRP beam to steel member: Numerical investigation with experimental validation. Composite Structures, 2016, 157, 51-61.	3.1	30
111	Large diameter concrete-filled high strength steel tubular stub columns under compression. Thin-Walled Structures, 2016, 108, 12-19.	2.7	46
112	Mechanical performance of shear studs and application in steel-concrete composite beams. Journal of Central South University, 2016, 23, 2676-2687.	1.2	13
113	Bolted Sleeve Joints for Connecting Pultruded FRP Tubular Components. Journal of Composites for Construction, 2016, 20, .	1.7	45
114	Connections of tubular GFRP wall studs to steel beams for building construction. Composites Part B: Engineering, 2016, 95, 64-75.	5.9	36
115	Effect of Elevated Temperatures on the Mechanical Performance of Pultruded FRP Joints with a Single Ordinary or Blind Bolt. Journal of Composites for Construction, 2016, 20, .	1.7	23
116	Improved Mode I fracture resistance of CFRP composites by reinforcing epoxy matrix with recycled short milled carbon fibre. Construction and Building Materials, 2016, 111, 399-407.	3.2	39
117	Load-Strain Model for Steel-Concrete-FRP-Concrete Columns in Axial Compression. Journal of Composites for Construction, 2016, 20, .	1.7	38
118	Flexural behavior of composite concrete slabs reinforced by FRP grid facesheets. Composites Part B: Engineering, 2016, 92, 46-62.	5.9	23
119	Mechanical performance of modular FRP-steel composite beams for building construction. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4113-4129.	1.3	45
120	Dynamic and fatigue performances of a large-scale space frame assembled using pultruded GFRP composites. Composite Structures, 2016, 138, 227-236.	3.1	36
121	Comparative study of square stirrup-confined concrete-filled steel tubular stub columns under axial loading. Thin-Walled Structures, 2016, 98, 443-453.	2.7	68
122	Discussion: Effect of strain rate on splitting tensile strength of geopolymer concrete. Magazine of Concrete Research, 2015, 67, 906-907.	0.9	4
123	Effect of heating/cooling rates on the material properties of NiTi wires for civil structural applications. Construction and Building Materials, 2015, 101, 447-455.	3.2	16
124	Comparative Study on Static and Fatigue Performances of Pultruded GFRP Joints Using Ordinary and Blind Bolts. Journal of Composites for Construction, 2015, 19, .	1.7	47
125	Mechanical behavior of concrete-filled square steel tube with FRP-confined concrete core subjected to axial compression. Composite Structures, 2015, 123, 312-324.	3.1	275
126	Improved bearing capacities of pultruded glass fibre reinforced polymer square hollow sections strengthened by thin-walled steel or CFRP. Thin-Walled Structures, 2015, 89, 67-75.	2.7	23



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127	Mechanical behavior of geopolymers subjected to high strain rate compressive loadings. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 671-681.	1.3	48
128	Stress Increment of Unbonded Prestressing Tendons in Prestressed Concrete Girders with Corrugated Steel Webs. <i>Journal of Bridge Engineering</i> , 2015, 20, .	1.4	14
129	A review of the fire behaviour of pultruded GFRP structural profiles for civil engineering applications. <i>Composite Structures</i> , 2015, 127, 267-287.	3.1	121
130	Self-Luminous Fiber-Reinforced Polymer Composites for Structural Applications. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, 04014120.	1.3	4
131	Damage evaluation of single-layer cable net facade. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2015, 168, 159-173.	0.4	7
132	Mechanical performance of innovative GFRP-bamboo-wood sandwich beams: Experimental and modelling investigation. <i>Composites Part B: Engineering</i> , 2015, 79, 182-196.	5.9	68
133	Structural performance of a large-scale space frame assembled using pultruded GFRP composites. <i>Composite Structures</i> , 2015, 133, 986-996.	3.1	68
134	Shear capacity of 3D composite CFT joints subjected to symmetric loading condition. <i>Journal of Constructional Steel Research</i> , 2015, 112, 242-251.	1.7	9
135	Experimental and analytical studies of prestressed concrete girders with corrugated steel webs. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 2505-2520.	1.3	19
136	Epoxy Enhanced by Recycled Milled Carbon Fibres in Adhesively-Bonded CFRP for Structural Strengthening. <i>Polymers</i> , 2014, 6, 76-92.	2.0	10
137	Experimental Study on Seismic Behavior of 460MPa High Strength Steel Box-Section Columns. <i>Advances in Structural Engineering</i> , 2014, 17, 1045-1059.	1.2	26
138	Thermal and Mechanical Modeling of Load-Bearing Cold-Formed Steel Wall Systems in Fire. <i>Journal of Structural Engineering</i> , 2014, 140, .	1.7	36
139	Adhesively bonded modular GFRP web-flange sandwich for building floor construction. <i>Composite Structures</i> , 2014, 111, 381-392.	3.1	67
140	Mechanical performance of bolted modular GFRP composite sandwich structures using standard and blind bolts. <i>Composite Structures</i> , 2014, 117, 59-70.	3.1	85
141	FRP Strengthening of Structures Subject to Fatigue, Impact and Environmental Loading. <i>Advances in Structural Engineering</i> , 2014, 17, i-i.	1.2	0
142	Effect of Dynamic Loading and Environmental Conditions on the Bond between CFRP and Steel: State-of-the-Art Review. <i>Journal of Composites for Construction</i> , 2014, 18, .	1.7	66
143	Seismic performance of prefabricated steel beam-to-column connections. <i>Journal of Constructional Steel Research</i> , 2014, 102, 204-216.	1.7	47
144	Local buckling of steel equal angle members with normal and high strengths. <i>International Journal of Steel Structures</i> , 2014, 14, 447-455.	0.6	20

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145	Effect of strain rate on splitting tensile strength of geopolymer concrete. Magazine of Concrete Research, 2014, 66, 825-835.	0.9	42
146	Web crippling behaviour of pultruded glass fibre reinforced polymer sections. Composite Structures, 2014, 108, 789-800.	3.1	58
147	Local buckling of 460MPa high strength steel welded section stub columns under axial compression. Journal of Constructional Steel Research, 2014, 100, 60-70.	1.7	96
148	Mechanical performance of stirrup-confined concrete-filled steel tubular stub columns under axial loading. Journal of Constructional Steel Research, 2014, 98, 146-157.	1.7	98
149	Effect of longitudinal reinforcement and prestressing on stiffness of composite beams under hogging moments. Journal of Constructional Steel Research, 2014, 100, 1-11.	1.7	19
150	Pre-buckling and post-buckling failure at web-flange junction of pultruded GFRP beams. Materials and Structures/Materiaux Et Constructions, 2013, 46, 1143-1154.	1.3	45
151	Curing effects on steel/CFRP double strap joints under combined mechanical load, temperature and humidity. Construction and Building Materials, 2013, 40, 899-907.	3.2	46
152	Residual stress of 460 MPa high strength steel welded i section: Experimental investigation and modeling. International Journal of Steel Structures, 2013, 13, 691-705.	0.6	82
153	Improved fire resistant performance of load bearing cold-formed steel interior and exterior wall systems. Thin-Walled Structures, 2013, 73, 145-157.	2.7	70
154	Strengthening of steel members in compression by mortar-filled FRP tubes. Thin-Walled Structures, 2013, 64, 1-12.	2.7	64
155	Combination of Bamboo Filling and FRP Wrapping to Strengthen Steel Members in Compression. Journal of Composites for Construction, 2013, 17, 347-356.	1.7	42
156	Novel Joint for Assembly of All-Composite Space Truss Structures: Conceptual Design and Preliminary Study. Journal of Composites for Construction, 2013, 17, 130-138.	1.7	50
157	A Novel Cast Aluminum Joint for Reticulated Shell Structures: Experimental Study and Modeling. Advances in Structural Engineering, 2013, 16, 1047-1059.	1.2	21
158	EXPERIMENTAL STUDY ON BUCKLING RESISTANCE TECHNIQUE OF STEEL MEMBERS STRENGTHENED USING FRP. International Journal of Structural Stability and Dynamics, 2012, 12, 153-178.	1.5	25
159	In-Plane Bending of Laminated Glass Fin Strengthened through External Bonding. Advances in Structural Engineering, 2012, 15, 55-64.	1.2	4
160	Capacity of nonlinear large deformation for trusses assembled by brittle FRP composites. Composite Structures, 2012, 94, 3347-3353.	3.1	32
161	Full-scale fire experiments on load-bearing cold-formed steel walls lined with different panels. Journal of Constructional Steel Research, 2012, 79, 242-254.	1.7	75
162	Effects of ultraviolet radiation and associated elevated temperature on mechanical performance of steel/CFRP double strap joints. Composite Structures, 2012, 94, 3563-3573.	3.1	94

#	ARTICLE	IF	CITATIONS
163	Durability of steel/CFRP double strap joints exposed to sea water, cyclic temperature and humidity. Composite Structures, 2012, 94, 1834-1845.	3.1	142
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