

Nuno Silvestre

List of Publications by Year in descending order

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199
papers

5,508
citations

71061

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all docs

213
docs citations

213
times ranked

2423
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture toughness-based models for web-crippling of pultruded GFRP profiles. Composites Part B: Engineering, 2022, 230, 109541.	5.9	7
2	A Progressive Failure Model for FRP Structures: Numerical and Experimental Analyses. Lecture Notes in Civil Engineering, 2022, , 585-596.	0.3	0
3	Wrinkling of finite-strain membranes with mixed solid-shell elements. Engineering With Computers, 2022, 38, 5309-5320.	3.5	2
4	Melted and recrystallized holey-graphene-reinforced aluminum composites: Structure, elasticity and strength. Composite Structures, 2022, 292, 115679.	3.1	8
5	Computational simulation of $\hat{\Gamma}^3$ -graphynes under monotonic and hysteretic loading. Mechanics of Advanced Materials and Structures, 2021, 28, 495-505.	1.5	7
6	Numerical study of the influence of the stringers cross-section geometry on the mechanical behavior of compressed curved stiffened composite panels. Mechanics of Advanced Materials and Structures, 2021, 28, 516-529.	1.5	6
7	Novel progressive failure model for quasi-orthotropic pultruded FRP structures: Formulation and calibration of parameters (Part I). Composite Structures, 2021, 255, 112974.	3.1	7
8	Structural safety of pultruded FRP profiles for global buckling. Part 2: Reliability-based evaluation of safety formats and partial factor calibration. Composite Structures, 2021, 257, 113147.	3.1	7
9	Structural safety of pultruded FRP profiles for global buckling. Part 1: Approach to material uncertainty, resistance models, and model uncertainties.. Composite Structures, 2021, 257, 113304.	3.1	5
10	Novel progressive failure model for quasi-orthotropic pultruded FRP structures: Application to compact tension and web-crippling case studies (Part II). Composite Structures, 2021, 255, 112973.	3.1	6
11	Damage Detection in Lightweight Structures Using Artificial Intelligence Techniques. Experimental Techniques, 2021, 45, 389-410.	0.9	6
12	Exterior beam-to-column bolted connections between GFRP I-shaped pultruded profiles using stainless steel cleats. Part 1: Experimental study. Thin-Walled Structures, 2021, 163, 107719.	2.7	14
13	Graphdiyne nanotubes in ionic liquids: Characterization of interfacial interactions by molecular dynamics. Journal of Molecular Liquids, 2021, 342, 116966.	2.3	6
14	Effect of fibre layup and bearing length on the web-crippling behaviour of pultruded GFRP profiles. Composite Structures, 2021, 267, 113884.	3.1	15
15	Exterior beam-to-column bolted connections between GFRP I-shaped pultruded profiles using stainless steel cleats, Part 2: Prediction of initial stiffness and strength. Thin-Walled Structures, 2021, 164, 107762.	2.7	10
16	Direct Strength Method for Web-Crippling Design of Pultruded GFRP Beams. Journal of Composites for Construction, 2021, 25, .	1.7	4
17	Monotonic and cyclic behaviour of cuff beam-to-column connection system for tubular pultruded GFRP profiles. Engineering Structures, 2021, 247, 113165.	2.6	5
18	Computational modelling of the cyclic behaviour of short rubberized concrete-filled steel tubes. Engineering Structures, 2021, 248, 113188.	2.6	8

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19	Monotonic and cyclic behaviour of a stainless steel cuff system for beam-to-column connections between pultruded I-section GFRP profiles. <i>Engineering Structures</i> , 2021, 249, 113294.	2.6	3
20	Strength and fracture of graphyne and graphdiyne nanotubes. <i>Computational Materials Science</i> , 2020, 171, 109233.	1.4	22
21	C13 “ a new empirical force field to characterize the mechanical behavior of carbyne chains. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 758-771.	1.3	4
22	Towards the development of nanosprings from confined carbyne chains. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 117, 113831.	1.3	9
23	Assessment of mesh dependency in the numerical simulation of compact tension tests for orthotropic materials. <i>Composites Part C: Open Access</i> , 2020, 1, 100006.	1.5	14
24	Transverse bending and in-plane shear behaviours of multicellular pultruded GFRP deck panels with snap-fit connections. <i>Thin-Walled Structures</i> , 2020, 154, 106854.	2.7	5
25	Atomistic FE modelling of the monotonic and hysteretic out-of-plane behaviour of graphene. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 122, 114182.	1.3	2
26	Compressive transverse fracture behaviour of pultruded GFRP materials: Experimental study and numerical calibration. <i>Composite Structures</i> , 2020, 247, 112453.	3.1	19
27	CNT-reinforced iron and titanium nanocomposites: Strength and deformation mechanisms. <i>Composites Part B: Engineering</i> , 2020, 187, 107836.	5.9	22
28	Gradient-enhanced Raviart-Thomas tetrahedron for finite-strain problems. <i>Computers and Structures</i> , 2020, 231, 106212.	2.4	0
29	A new modal theory for wrinkling analysis of stretched membranes. <i>International Journal of Mechanical Sciences</i> , 2020, 175, 105519.	3.6	23
30	Aluminum composites reinforced by $\hat{1}^3$ -graphynes: The effect of nanofillers porosity and shape on crystal growth and composite strengthening. <i>Computational Materials Science</i> , 2020, 176, 109538.	1.4	6
31	Modal analysis and imperfection sensitivity of the post-buckling behaviour of cylindrical steel panels under in-plane bending. <i>Engineering Structures</i> , 2020, 207, 110127.	2.6	4
32	Fracture toughness-based models for damage simulation of pultruded GFRP materials. <i>Composites Part B: Engineering</i> , 2020, 186, 107818.	5.9	18
33	Transverse Fracture Behavior of Pultruded GFRP Materials in Tension: Effect of Fiber Layup. <i>Journal of Composites for Construction</i> , 2020, 24, .	1.7	10
34	GBT-based buckling analysis of steel cylindrical shells under combinations of compression and external pressure. <i>Thin-Walled Structures</i> , 2019, 144, 106274.	2.7	11
35	Characterization of transverse fracture properties of pultruded GFRP material in tension. <i>Composites Part B: Engineering</i> , 2019, 175, 107095.	5.9	22
36	Modal analysis of the post-buckling behaviour of cylindrical steel panels under compression: Imperfection sensitivity and local2 interaction. <i>Thin-Walled Structures</i> , 2019, 144, 106345.	2.7	4

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37	Experimental and numerical analysis of GFRP frame structures. Part 2: Monotonic and cyclic sway behaviour of plane frames. <i>Composite Structures</i> , 2019, 220, 194-208.	3.1	11
38	Experimental and numerical analysis of GFRP frame structures. Part 1: Cyclic behaviour at the connection level. <i>Composite Structures</i> , 2019, 220, 304-317.	3.1	11
39	Monotonic and hysteretic in-plane behaviour of graphene through an atomistic FE model. <i>Composites Part B: Engineering</i> , 2019, 156, 310-318.	5.9	8
40	GBT Buckling Analysis of Cylindrical Panels Under Compression. <i>Structures</i> , 2019, 17, 34-42.	1.7	5
41	Simulation of fire resistance behaviour of pultruded GFRP columns. <i>Thin-Walled Structures</i> , 2019, 135, 521-536.	2.7	7
42	Strength and failure mechanisms of cnt-reinforced copper nanocomposite. <i>Composites Part B: Engineering</i> , 2018, 145, 108-120.	5.9	39
43	Simulation of fire resistance behaviour of pultruded GFRP beams " Part I: Models description and kinematic issues. <i>Composite Structures</i> , 2018, 187, 269-280.	3.1	12
44	Simulation of fire resistance behaviour of pultruded GFRP beams " Part II: Stress analysis and failure criteria. <i>Composite Structures</i> , 2018, 188, 519-530.	3.1	9
45	Shear Behavior of GFRP Composite Materials at Elevated Temperature. <i>Journal of Composites for Construction</i> , 2018, 22, .	1.7	15
46	Influence of the deformation mode nature on the 1st order post-yielding strength of thin-walled beams. <i>Thin-Walled Structures</i> , 2018, 128, 71-79.	2.7	5
47	Flexural Behavior of Pultruded GFRP Deck Panels with Snap-Fit Connections. <i>International Journal of Structural Stability and Dynamics</i> , 2018, 18, 1850019.	1.5	3
48	On the sustainability of rubberized concrete filled square steel tubular columns. <i>Journal of Cleaner Production</i> , 2018, 170, 510-521.	4.6	14
49	Experimental study on the fire resistance of GFRP pultruded tubular beams. <i>Composites Part B: Engineering</i> , 2018, 139, 106-116.	5.9	34
50	Numerical modelling of the thermal response of pultruded GFRP tubular profiles subjected to fire. <i>Composites Part B: Engineering</i> , 2018, 137, 202-216.	5.9	14
51	Atomistic Simulations of Carbon Nanotubes: Stiffness, Strength, and Toughness of Locally Buckled CNTs. , 2018, , 259-290.		0
52	Web crippling of beams under ITF loading: A novel DSM-based design approach. <i>Journal of Constructional Steel Research</i> , 2017, 128, 812-824.	1.7	35
53	Dynamic analysis of high-speed railway bridge decks using generalised beam theory. <i>Thin-Walled Structures</i> , 2017, 114, 22-31.	2.7	16
54	Nonlinear mechanical behaviour of $\hat{1}^3$ -graphyne through an atomistic finite element model. <i>Computational Materials Science</i> , 2017, 134, 171-183.	1.4	17

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55	Dynamic behaviour of a GFRP-steel hybrid pedestrian bridge in serviceability conditions. Part 1: Experimental study. <i>Thin-Walled Structures</i> , 2017, 117, 332-342.	2.7	19
56	Dynamic behaviour of a GFRP-steel hybrid pedestrian bridge in serviceability conditions. Part 2: Numerical and analytical study. <i>Thin-Walled Structures</i> , 2017, 118, 113-123.	2.7	12
57	Impact response of pedestrian bridge multicellular pultruded GFRP deck panels. <i>Composite Structures</i> , 2017, 171, 473-485.	3.1	15
58	Comparative study between XFEM and Hashin damage criterion applied to failure of composites. <i>Thin-Walled Structures</i> , 2017, 115, 277-288.	2.7	93
59	Development of a novel beam-to-column connection system for pultruded GFRP tubular profiles. <i>Composite Structures</i> , 2017, 171, 263-276.	3.1	45
60	Monotonic and cyclic flexural behaviour of square/rectangular rubberized concrete-filled steel tubes. <i>Journal of Constructional Steel Research</i> , 2017, 139, 385-396.	1.7	25
61	Numerical study of the compressive mechanical behaviour of rubberized concrete using the eXtended Finite Element Method (XFEM). <i>Composite Structures</i> , 2017, 179, 132-145.	3.1	28
62	Progressive Damage Analysis of Web Crippling of GFRP Pultruded I-Sections. <i>Journal of Composites for Construction</i> , 2017, 21, .	1.7	17
63	The Glass Fibre-Reinforced Polymer-Steel Hybrid Footbridge of Saint Mateus Park, Portugal: From Conceptual Design to In Situ Assessment. <i>Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE)</i> , 2017, 27, 575-580.	0.5	2
64	Finite Element Modelling and Mechanical Characterization of Graphyne. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-15.	1.5	35
65	Mechanical behaviour of carbon nanotubes under combined twisting-bending. <i>Mechanics Research Communications</i> , 2016, 73, 19-24.	1.0	16
66	Lateral-torsional buckling behaviour of long-span laminated glass beams: Analytical, experimental and numerical study. <i>Materials and Design</i> , 2016, 102, 264-275.	3.3	21
67	Finite element modelling of short steel tubes filled with rubberized concrete. <i>Composite Structures</i> , 2016, 150, 28-40.	3.1	55
68	Experimental assessment of the flexural behaviour of circular rubberized concrete-filled steel tubes. <i>Journal of Constructional Steel Research</i> , 2016, 122, 557-570.	1.7	43
69	Modeling of the structural behavior of multilayer laminated glass beams: Flexural and torsional stiffness and lateral-torsional buckling. <i>Engineering Structures</i> , 2016, 128, 265-282.	2.6	19
70	Energy-based analytical model to predict the elastic critical behaviour of curved panels. <i>Journal of Constructional Steel Research</i> , 2016, 127, 165-175.	1.7	10
71	Seismic performance of composite moment-resisting frames achieved with sustainable CFST members. <i>Frontiers of Structural and Civil Engineering</i> , 2016, 10, 312-332.	1.2	17
72	Flexural creep response of pultruded GFRP deck panels: Proposal for obtaining full-section viscoelastic moduli and creep coefficients. <i>Composites Part B: Engineering</i> , 2016, 98, 213-224.	5.9	22

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73	Quasi-static indentation response of pedestrian bridge multicellular pultruded GFRP deck panels. <i>Construction and Building Materials</i> , 2016, 118, 307-318.	3.2	13
74	Structural behavior of hybrid FRP pultruded beams: Experimental, numerical and analytical studies. <i>Thin-Walled Structures</i> , 2016, 106, 201-217.	2.7	45
75	Review on concrete nanotechnology. <i>European Journal of Environmental and Civil Engineering</i> , 2016, 20, 455-485.	1.0	146
76	Local buckling and ultimate strength of slender elliptical hollow sections in compression. <i>Engineering Structures</i> , 2016, 111, 104-118.	2.6	40
77	Structural behaviour of hybrid FRP pultruded columns. Part 2: Numerical study. <i>Composite Structures</i> , 2016, 139, 304-319.	3.1	38
78	Tests and design of short steel tubes filled with rubberised concrete. <i>Engineering Structures</i> , 2016, 112, 274-286.	2.6	104
79	Structural behaviour of hybrid FRP pultruded columns. Part 1: Experimental study. <i>Composite Structures</i> , 2016, 139, 291-303.	3.1	33
80	Wrinkling of stretched thin sheets: Is restrained Poisson's effect the sole cause?. <i>Engineering Structures</i> , 2016, 106, 195-208.	2.6	21
81	Direct strength prediction of web crippling failure of beams under ETF loading. <i>Thin-Walled Structures</i> , 2016, 98, 360-374.	2.7	50
82	Experimental study on short rubberized concrete-filled steel tubes under cyclic loading. <i>Composite Structures</i> , 2016, 136, 394-404.	3.1	58
83	Polymer nanocomposites for structural applications: Recent trends and new perspectives. <i>Mechanics of Advanced Materials and Structures</i> , 2016, 23, 1263-1277.	1.5	47
84	Resistencia al fuego de perfiles pultruidos de polímero reforzado con fibras de vidrio (GFRP) para aplicaciones en rehabilitación: Estudio experimental, numérico y analítico. <i>Revista ALCONPAT</i> , 2016, 6, 157-171.	0.2	0
85	Direct strength method for web crippling design: ITF load conditions. , 2016, , 1080-1085.		0
86	An Overview on the Improvement of Mechanical Properties of Ceramics Nanocomposites. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-13.	1.5	62
87	Multiobjective optimization of cold-formed steel columns. <i>Thin-Walled Structures</i> , 2015, 96, 29-38.	2.7	24
88	Web-crippling of GFRP pultruded profiles. Part 1: Experimental study. <i>Composite Structures</i> , 2015, 120, 565-577.	3.1	39
89	Mechanical characterization of rubberized concrete using an image-processing/XFEM coupled procedure. <i>Composites Part B: Engineering</i> , 2015, 78, 214-226.	5.9	41
90	Buckling and Vibration Analysis of Cold-Formed Steel CHS Members and Frames Using Generalized Beam Theory. <i>International Journal of Structural Stability and Dynamics</i> , 2015, 15, 1540021.	1.5	15

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91	Web-crippling of GFRP pultruded profiles. Part 2: Numerical analysis and design. Composite Structures, 2015, 120, 578-590.	3.1	36
92	GBT-based elasticâ€“plastic post-buckling analysis of stainless steel thin-walled members. Thin-Walled Structures, 2014, 83, 85-102.	2.7	19
93	GBT-based structural analysis of elasticâ€“plastic thin-walled members. Computers and Structures, 2014, 136, 1-23.	2.4	45
94	Compressive behavior of CNT-reinforced aluminum composites using molecular dynamics. Composites Science and Technology, 2014, 90, 16-24.	3.8	134
95	Computational modelling of flange crushing in cold-formed steel sections. Thin-Walled Structures, 2014, 84, 393-405.	2.7	40
96	Web crippling failure using quasi-static FE models. Thin-Walled Structures, 2014, 84, 34-49.	2.7	76
97	Modal decomposition of thin-walled member collapse mechanisms. Thin-Walled Structures, 2014, 74, 269-291.	2.7	15
98	Influence of Bond Kinematics on the Rupture of Non-Chiral CNTs under Stretchingâ€“Twisting. Springer Series in Materials Science, 2014, , 275-302.	0.4	0
99	Generalized Beam Theory to Analyze the Vibration of Open-Section Thin-Walled Composite Members. Journal of Engineering Mechanics - ASCE, 2013, 139, 992-1009.	1.6	7
100	Buckling Behavior and Failure of Hybrid Fiber-Reinforced Polymer Pultruded Short Columns. Journal of Composites for Construction, 2013, 17, 463-475.	1.7	39
101	Lateralâ€“distortional buckling of hollow tubular flange plate girders with slender unstiffened webs. Engineering Structures, 2013, 56, 572-584.	2.6	31
102	Tensionâ€“twisting dependent kinematics of chiral CNTs. Composites Science and Technology, 2013, 74, 211-220.	3.8	21
103	Dynamic analysis of thin-walled members using Generalised Beam Theory (GBT). Thin-Walled Structures, 2013, 72, 188-205.	2.7	31
104	A new slenderness-based approach for the web crippling design of plain channel steel beams. International Journal of Steel Structures, 2013, 13, 421-434.	0.6	34
105	Post-buckling analysis of thin-walled steel frames using generalised beam theory (GBT). Thin-Walled Structures, 2013, 62, 229-242.	2.7	44
106	Shear Deformable Generalized Beam Theory for the Analysis of Thin-Walled Composite Members. Journal of Engineering Mechanics - ASCE, 2013, 139, 1010-1024.	1.6	39
107	Induced anisotropy of chiral carbon nanotubes under combined tension-twisting. Mechanics of Materials, 2013, 58, 97-109.	1.7	20
108	Physically non-linear GBT analysis of thin-walled members. Computers and Structures, 2013, 129, 148-165.	2.4	33

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109	Experimental and numerical study on the structural behavior of eccentrically loaded GFRP columns. <i>Thin-Walled Structures</i> , 2013, 72, 175-187.	2.7	62
110	Flexural behavior of lean duplex stainless steel girders with slender unstiffened webs. <i>Journal of Constructional Steel Research</i> , 2013, 85, 12-23.	1.7	30
111	Developments on the Design of Cold-Formed Steel Angles. <i>Journal of Structural Engineering</i> , 2013, 139, 680-694.	1.7	48
112	Cold-Formed Steel Lipped Channel Columns Influenced by Local-Distortional Interaction: Strength and DSM Design. <i>Journal of Structural Engineering</i> , 2013, 139, 1059-1074.	1.7	59
113	Editorial: Stability and non-linear behaviour of steel structures. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2013, 166, 379-380.	0.4	0
114	Numerical analysis of semi-elliptical hollow section columns. <i>Proceedings of the Institution of Civil Engineers: Structures and Buildings</i> , 2013, 166, 424-433.	0.4	8
115	GBT-based first-order analysis of elastic-plastic thin-walled steel members exhibiting strain-hardening. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2013, 6, 119-134.	0.4	7
116	Localized web buckling analysis of beams subjected to concentrated loads using GBT. <i>Thin-Walled Structures</i> , 2012, 61, 27-41.	2.7	32
117	A molecular dynamics study on the thickness and post-critical strength of carbon nanotubes. <i>Composite Structures</i> , 2012, 94, 1352-1358.	3.1	29
118	On the accuracy of shell models for torsional buckling of carbon nanotubes. <i>European Journal of Mechanics, A/Solids</i> , 2012, 32, 103-108.	2.1	56
119	On the mechanics of thin-walled angle column instability. <i>Thin-Walled Structures</i> , 2012, 52, 80-89.	2.7	48
120	Torsion warping transmission at thin-walled frame joints: Kinematics, modelling and structural response. <i>Journal of Constructional Steel Research</i> , 2012, 69, 39-53.	1.7	35
121	Post-buckling behaviour and direct strength design of lipped channel columns experiencing local/distortional interaction. <i>Journal of Constructional Steel Research</i> , 2012, 73, 12-30.	1.7	72
122	Multilevel approach for the local nanobuckling analysis of CNT-based composites. <i>Coupled Systems Mechanics</i> , 2012, 1, 269-283.	0.4	3
123	Geometrically and Physically Non-Linear GBT-Based Analysis of Thin-Walled Steel Members. , 2012, , .		1
124	Quasi-Static Web Crippling Analysis of Cold-Formed Steel Beams. , 2012, , .		2
125	First order elastoplastic GBT analysis of tubular beams. , 2012, , 705-712.		0
126	Interaction diagrams for carbon nanotubes under combined shortening and twisting. <i>Composites Science and Technology</i> , 2011, 71, 1811-1818.	3.8	17

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127	Non-linear GBT formulation for open-section thin-walled members with arbitrary support conditions. Computers and Structures, 2011, 89, 1906-1919.	2.4	29
128	First-order, buckling and post-buckling behaviour of GFRP pultruded beams. Part 1: Experimental study. Computers and Structures, 2011, 89, 2052-2064.	2.4	84
129	First-order, buckling and post-buckling behaviour of GFRP pultruded beams. Part 2: Numerical simulation. Computers and Structures, 2011, 89, 2065-2078.	2.4	34
130	Sanders shell model for buckling of single-walled carbon nanotubes with small aspect ratio. Composite Structures, 2011, 93, 1683-1691.	3.1	80
131	Creep behavior of pultruded GFRP elements " Part 2: Analytical study. Composite Structures, 2011, 93, 2409-2418.	3.1	38
132	Creep behavior of pultruded GFRP elements " Part 1: Literature review and experimental study. Composite Structures, 2011, 93, 2450-2459.	3.1	70
133	A neural network based closed-form solution for the distortional buckling of elliptical tubes. Engineering Structures, 2011, 33, 2015-2024.	2.6	33
134	Elastic local post-buckling of elliptical tubes. Journal of Constructional Steel Research, 2011, 67, 281-292.	1.7	38
135	EXAMINATION OF CYLINDRICAL SHELL THEORIES FOR BUCKLING OF CARBON NANOTUBES. International Journal of Structural Stability and Dynamics, 2011, 11, 1035-1058.	1.5	33
136	GENERALIZED BEAM THEORY REVISITED: FROM THE KINEMATICAL ASSUMPTIONS TO THE DEFORMATION MODE DETERMINATION. International Journal of Structural Stability and Dynamics, 2011, 11, 969-997.	1.5	62
137	On the Strength Prediction of Web Crippling Failure in Cold-Formed Steel Beams. , 2011, , .		0
138	Numerical study on the ultimate strength of elliptical stub columns. , 2010, , 283-291.		2
139	On the mechanics of distortion in thin-walled open sections. Thin-Walled Structures, 2010, 48, 469-481.	2.7	29
140	Distortional mechanics of restrained steel sections. Journal of Constructional Steel Research, 2010, 66, 873-884.	1.7	4
141	GBT buckling analysis of thin-walled steel frames: A state-of-the-art report. Thin-Walled Structures, 2010, 48, 726-743.	2.7	95
142	On the local and global buckling behaviour of angle, T-section and cruciform thin-walled members. Thin-Walled Structures, 2010, 48, 786-797.	2.7	62
143	GBT formulation to analyse the buckling behaviour of FRP composite open-section thin-walled columns. Composite Structures, 2010, 93, 79-92.	3.1	37
144	GBT-BASED BUCKLING ANALYSIS OF THIN- WALLED STEEL FRAMES WITH ARBITRARY LOADING AND SUPPORT CONDITIONS. International Journal of Structural Stability and Dynamics, 2010, 10, 363-385.	1.5	21

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145	ON THE USE OF GENERALIZED BEAM THEORY TO ASSESS THE BUCKLING AND POSTBUCKLING BEHAVIOR OF LAMINATED CFRP CYLINDRICAL STIFFENED PANELS. <i>International Journal of Structural Stability and Dynamics</i> , 2010, 10, 737-760.	1.5	9
146	Numerical Analysis of Thin-Walled Structures using Generalised Beam Theory: Recent and Future Developments. <i>Computational Technology Reviews</i> , 2010, 1, 315-354.	0.6	26
147	Vibration Analysis of Composite Folded-Plate Members. <i>International Journal of Vehicle Structures and Systems</i> , 2009, 1, .	0.1	0
148	Non-classical effects in FRP composite tubes. <i>Composites Part B: Engineering</i> , 2009, 40, 681-697.	5.9	11
149	On the use of the EC3 and AISI specifications to estimate the ultimate load of CFRP-strengthened cold-formed steel lipped channel columns. <i>Thin-Walled Structures</i> , 2009, 47, 1102-1111.	2.7	17
150	GBT-based local, distortional and global buckling analysis of thin-walled steel frames. <i>Thin-Walled Structures</i> , 2009, 47, 1246-1264.	2.7	32
151	Non-linear curling of wide single-flange steel panels. <i>Journal of Constructional Steel Research</i> , 2009, 65, 509-522.	1.7	6
152	Bending Instabilities of Carbon Nanotubes. , 2009, , 365-370.		1
153	DIRECT STRENGTH PREDICTION OF LIPPED CHANNEL COLUMNS EXPERIENCING LOCAL-PLATE/DISTORTIONAL INTERACTION. , 2009, , 49-71.		3
154	GBT AND cFSM: TWO MODAL APPROACHES TO THE BUCKLING ANALYSIS OF UNBRANCHED THIN-WALLED MEMBERS. , 2009, , 195-223.		6
155	Stability of Compressed Carbon Nanotubes Using Shell Models. , 2009, , 357-363.		0
156	Global buckling analysis of plane and space thin-walled frames in the context of GBT. <i>Thin-Walled Structures</i> , 2008, 46, 79-101.	2.7	68
157	Local and global vibration of thin-walled members subjected to compression and non-uniform bending. <i>Journal of Sound and Vibration</i> , 2008, 315, 509-535.	2.1	50
158	Non-linear behaviour and load-carrying capacity of CFRP-strengthened lipped channel steel columns. <i>Engineering Structures</i> , 2008, 30, 2613-2630.	2.6	88
159	Buckling behaviour of elliptical cylindrical shells and tubes under compression. <i>International Journal of Solids and Structures</i> , 2008, 45, 4427-4447.	1.3	103
160	Length dependence of critical measures in single-walled carbon nanotubes. <i>International Journal of Solids and Structures</i> , 2008, 45, 4902-4920.	1.3	37
161	GBT-based buckling analysis of thin-walled members with non-standard support conditions. <i>Thin-Walled Structures</i> , 2008, 46, 800-815.	2.7	53
162	GBT FORMULATION TO ANALYZE THE BUCKLING BEHAVIOR OF THIN-WALLED MEMBERS SUBJECTED TO NON-UNIFORM BENDING. <i>International Journal of Structural Stability and Dynamics</i> , 2007, 07, 23-54.	1.5	41

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