Farid Taheri

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6656840/publications.pdf

Version: 2024-02-01

161 papers	3,640 citations	145106 33 h-index	223390 49 g-index
166 all docs	166 docs citations	166 times ranked	3071 citing authors

#	Article	IF	Citations
1	On the pacifying influence of an elastomeric foam core on the failure mechanism of sandwich composites with various skin layups. International Journal of Crashworthiness, 2023, 28, 402-417.	1.1	1
2	Characterization of the vibration, stability and static responses of graphene-reinforced sandwich plates under mechanical and thermal loadings using the refined shear deformation plate theory. Journal of Sandwich Structures and Materials, 2022, 24, 35-65.	2.0	10
3	Development of practical semi-empirically and statistically-based equations for predicting the static and dynamic buckling capacities of 3D fibre-metalâ€‹ laminates. Thin-Walled Structures, 2022, 170, 108520.	2.7	2
4	Strength and failure mechanism of single-lap magnesium-basalt fiber metal laminate adhesively bonded joints: Experimental and numerical assessments. Journal of Composite Materials, 2022, 56, 1941-1955.	1.2	8
5	Effects of surface treatment on the strength of double-strap adhesively bonded joints mating 3D-fiber metal laminates. Materials Letters, 2022, 324, 132698.	1.3	8
6	Static and dynamic characteristics of nano-reinforced 3D-fiber metal laminates using non-destructive techniques. Journal of Sandwich Structures and Materials, 2021, 23, 3081-3112.	2.0	16
7	Mechanical performance of a novel environmentally friendly <scp>basaltâ€‹elium</scp>Â® thermoplastic composite and its stainless <scp>steelâ€‹based</scp> fiber metal laminate. Polymer Composites, 2021, 42, 4660-4672.	2.3	9
8	Enhancement of buckling response of stainless steel-based 3D-fiber metal laminates reinforced with graphene nanoplatelets: Experimental and numerical assessments. Thin-Walled Structures, 2021, 165, 107977.	2.7	12
9	A parametric study into the influence of strain hardening slope on the stability and collapse responses of steel tubes under compressive loading. Structures, 2021, 33, 2152-2165.	1.7	3
10	A practical analytical model for predicting the low-velocity impact response of 3D-fiber metal laminates. Mechanics of Advanced Materials and Structures, 2020, 27, 20-33.	1.5	13
11	Robust numerical approaches for simulating the buckling response of 3D fiber-metal laminates under axial impact â€“ Validation with experimental results. Journal of Sandwich Structures and Materials, 2020, 22, 1564-1593.	2.0	12
12	Numerical and experimental investigations into post-buckling responses of stainless steel- and magnesium-based 3D-fiber metal laminates reinforced by basalt and glass fabrics. Composites Part B: Engineering, 2020, 200, 108300.	5.9	25
13	Analytical solution and statistical analysis of buckling capacity of sandwich plates with uniform and non-uniform porous core reinforced with graphene nanoplatelets. Composite Structures, 2020, 252, 112700.	3.1	49
14	Quantification of the Effects of Strain Rate and Nano-Reinforcement on the Performance of Adhesively Bonded Single-Lap Joints. Reviews of Adhesion and Adhesives, 2020, 8, S1-S19.	3.3	1
15	Enhancement of magnesium-composite bond-interface by a simple combined abrasion and coating method. Journal of Magnesium and Alloys, 2019, 7, 227-239.	5.5	18
16	Performances of magnesium- and steel-based 3D fiber-metal laminates under various loading conditions. Composite Structures, 2019, 229, 111390.	3.1	18
17	Effect of Functionalized Graphene Nanoplatelets on the Delamination-Buckling and Delamination Propagation Resistance of 3D Fiber-Metal Laminates Under Different Loading Rates. Nanomaterials, 2019, 9, 1482.	1.9	8
18	Enhancement of performance of three-dimensional fiber metal laminates under low velocity impact â€“ A coupled numerical and experimental investigation. Journal of Sandwich Structures and Materials, 2019, 21, 2127-2153.	2.0	11

#	Article	IF	Citations
19	Delamination Buckling and Crack Propagation Simulations in Fiber-Metal Laminates Using xFEM and Cohesive Elements. Applied Sciences (Switzerland), 2018, 8, 2440.	1.3	19
20	Fracture response of double cantilever beam subject to thermal fatigue. Journal of Strain Analysis for Engineering Design, 2018, 53, 504-516.	1.0	5
21	Use of a Simple Non-Destructive Technique for Evaluation of the Elastic and Vibration Properties of Fiber-Reinforced and 3D Fiber-Metal Laminate Composites. Fibers, 2018, 6, 14.	1.8	9
22	Low-velocity impact damage response of fiberglass/magnesium fiber-metal laminates under different size and shape impactors. Mechanics of Advanced Materials and Structures, 2017, 24, 545-555.	1.5	25
23	On the Effectiveness of Composites for Repair of Pipelines Under Various Combined Loading Conditions: A Computational Approach Using the Cohesive Zone Method. Journal of Pressure Vessel Technology, Transactions of the ASME, 2017, 139, .	0.4	5
24	Experimental and numerical characterization of delamination buckling behavior of a new class of GNP-reinforced 3D fiber-metal laminates. Thin-Walled Structures, 2017, 112, 208-216.	2.7	27
25	Influence of graphene nanoplatelets (GNPs) on mode I fracture toughness of an epoxy adhesive under thermal fatigue. Journal of Adhesion Science and Technology, 2017, 31, 2105-2123.	1.4	14
26	Use of Nanoparticles for Enhancing the Interlaminar Properties of Fiber-Reinforced Composites and Adhesively Bonded Jointsâ€"A Review. Nanomaterials, 2017, 7, 360.	1.9	77
27	Parametric Study of Strain Rate Effects on Nanoparticle-Reinforced Polymer Composites. Journal of Nanomaterials, 2016, 2016, 1-9.	1.5	9
28	Experimental and numerical investigation into the influence of stacking sequence on the low-velocity impact response of new 3D FMLs. Composite Structures, 2016, 140, 136-146.	3.1	53
29	On the response of dented stainless-steel pipes subject to cyclic bending moments and its prediction. Thin-Walled Structures, 2016, 99, 12-20.	2.7	17
30	Title is missing!. Journal of Mechanics of Materials and Structures, 2015, 10, 105-122.	0.4	5
31	Influence of graphene nanoplatelets on modes I, II and III interlaminar fracture toughness of fiber-reinforced polymer composites. Engineering Fracture Mechanics, 2015, 143, 97-107.	2.0	54
32	Computational simulation of ratcheting in dented pipes due to monotonic and cyclic axial loading. Journal of Strain Analysis for Engineering Design, 2015, 50, 163-174.	1.0	1
33	Influence of nano-reinforcement on the mechanical behavior of adhesively bonded single-lap joints subjected to static, quasi-static, and impact loading. Journal of Adhesion Science and Technology, 2015, 29, 424-442.	1.4	42
34	Low-velocity impact response of fiberglass/magnesium FMLs with a new 3D fiberglass fabric. Composite Structures, 2015, 122, 155-165.	3.1	71
35	Effect of functionalization of graphene nanoplatelets on the mechanical response of graphene/epoxy composites. Materials & Design, 2015, 66, 142-149.	5.1	234
36	Ratcheting response of dented pipes under monotonic and cyclic axial loadings. Journal of Strain Analysis for Engineering Design, 2014, 49, 122-132.	1.0	7

#	Article	IF	Citations
37	A Vibration-Based Strategy for Health Monitoring of Offshore Pipelinesâ€™ Girth-Welds. Sensors, 2014, 14, 17174-17191.	2.1	17
38	Fracture and toughening mechanisms of GNP-based nanocomposites in modes I and II fracture. Engineering Fracture Mechanics, 2014, 131, 329-339.	2.0	48
39	Elasto-plastic analysis of critical fracture stress and fatigue fracture prediction. Acta Mechanica, 2014, 225, 3059-3072.	1.1	6
40	The effect of strain-rate on the tensile and compressive behavior of graphene reinforced epoxy/nanocomposites. Materials & Design, 2014, 59, 439-447.	5.1	94
41	Effect of processing parameters on the structure and multi-functional performance of epoxy/GNP-nanocomposites. Journal of Materials Science, 2014, 49, 6180-6190.	1.7	54
42	Influence of an overload applied within compressive base-line loading on crack propagation retardation in AM60B magnesium alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 595, 213-223.	2.6	7
43	Analytical and computational investigation into the influence of the compressive stress cycles on crack growth under variable amplitude loading using CTOD. Fatigue and Fracture of Engineering Materials and Structures, 2014, 37, 645-658.	1.7	4
44	Influences of reinforcing particle and interface bonding strength on material properties of Mg/nano-particle composites. International Journal of Solids and Structures, 2014, 51, 3168-3176.	1.3	17
45	Nano-Enhanced Adhesives. Reviews of Adhesion and Adhesives, 2014, 2, 371-412.	3.3	25
46	Influence of the Peak Tensile Overload Cycles on the Fatigue Crack Growth of Aluminum Alloy Under Spectrum Loading. Journal of Materials Engineering and Performance, 2013, 22, 3490-3499.	1.2	5
47	Improvement of a vibration-based damage detection approach for health monitoring of bolted flange joints in pipelines. Structural Health Monitoring, 2013, 12, 207-224.	4.3	48
48	Effects of perforation size on the response of perforated GFRP composites aged in acidic media. Corrosion Science, 2013, 69, 262-269.	3.0	9
49	A material sensitive modified wheeler model for predicting the retardation in fatigue response of AM60B due to an overload. International Journal of Fatigue, 2013, 55, 220-229.	2.8	24
50	Influence of compressive cyclic loading on crack propagation in AM60B magnesium alloy under random and constant amplitude cyclic loadings. Engineering Fracture Mechanics, 2013, 99, 1-17.	2.0	10
51	Experimental investigation of the effect of aging on perforated composite tubes under axial compressive loading. Advanced Composite Materials, 2013, 22, 151-164.	1.0	5
52	An effective means for evaluating mixed-mode I/III stress intensity factors using single-edge notch beam specimen. Journal of Strain Analysis for Engineering Design, 2013, 48, 245-257.	1.0	32
53	Applicability of Equivalent Constant Amplitude Loading for Assessing the Fatigue Life of Pipelines and Risers and the Influence of Compressive Stress Cycles. Journal of Pressure Vessel Technology, Transactions of the ASME, 2013, 135, .	0.4	4
54	Application of a simple and cost-effective method for detection of bolt self-loosening in single lap joints. Nondestructive Testing and Evaluation, 2013, 28, 208-225.	1.1	16

#	Article	IF	Citations
55	Advanced fiber-reinforced polymer (FRP) composites for the manufacture and rehabilitation of pipes and tanks in the oil and gas industry. , 2013, , 662-704.		5
56	Computational Modelling of Delamination and Disbond in Adhesively Bonded Joints and the Relevant Damage Detection Approaches. Reviews of Adhesion and Adhesives, 2013, 1, 413-458.	3.3	4
57	Effects of Aging Temperature on Moisture Absorption of Perforated GFRP. Advances in Materials Science and Engineering, 2012, 2012, 1-7.	1.0	33
58	Computational simulation and experimental verification of a new vibration-based structural health monitoring approach using piezoelectric sensors. Structural Health Monitoring, 2012, 11, 237-250.	4.3	18
59	Assessment of the Environmental Effects on the Performance of FRP Repaired Steel Pipes Subjected to Internal Pressure. Journal of Pressure Vessel Technology, Transactions of the ASME, 2012, 134, .	0.4	16
60	A Comprehensive Parametric Finite Element Study on the Development of Strain Concentration in Concrete Coated Offshore Pipelines. Journal of Pressure Vessel Technology, Transactions of the ASME, 2012, 134, .	0.4	1
61	An Investigation into the Response of GFRP-Reinforced Glue-Laminated Tudor Arches. Advances in Civil Engineering, 2012, 2012, 1-11.	0.4	0
62	Microstructure and Fatigue Characteristic of AM60B Magnesium Alloy. Metals, 2012, 2, 411-440.	1.0	3
63	Longâ€term hygrothermal response of perforated GFRP plates with/without application of constant external loading. Polymer Composites, 2012, 33, 467-475.	2.3	12
64	Influence of Elevated Temperature and Stress Ratio on the Fatigue Response of AM60B Magnesium Alloy. Journal of Materials Engineering and Performance, 2012, 21, 1395-1404.	1.2	5
65	On the effect of stress intensity factor in evaluating the fatigue crack growth rate of aluminum alloy under the influence of compressive stress cycles. International Journal of Fatigue, 2012, 43, 1-11.	2.8	15
66	The influence of negative and positive stress ratios on crack growth rate in AM60B magnesium alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 545, 68-77.	2.6	25
67	Bending capacity of sandwich pipes. Ocean Engineering, 2012, 48, 17-31.	1.9	36
68	Application of a robust vibration-based non-destructive method for detection of fatigue cracks in structures. Smart Materials and Structures, 2011, 20, 115017.	1.8	15
69	Interlaminar Stresses at the Delamination Fronts in Tubular Adhesive Joints with Delaminated Composite Adherends. Journal of Adhesion Science and Technology, 2011, 25, 109-129.	1.4	4
70	Crushing Behaviors and Energy Absorption Efficiency of Hybrid Pultruded and Â±45Â° Braided Tubes. Mechanics of Advanced Materials and Structures, 2011, 18, 287-300.	1.5	14
71	Monotonic and Cyclic Plasticity Response of Magnesium Alloy. Part I. Experimental Response of a Highâ€Pressure Die Cast AM60B. Strain, 2011, 47, e15.	1.4	6
72	Monotonic and Cyclic Plasticity Response of Magnesium Alloy. Part II. Computational Simulation and Implementation of a Hardening Model. Strain, 2011, 47, e25.	1.4	5

#	Article	IF	Citations
73	The influence of intra-layer adhesion configuration on the pressure capacity and optimized configuration of sandwich pipes. Ocean Engineering, 2011, 38, 1869-1882.	1.9	39
74	Fatigue and Fracture Characterization of HPDC AM6OB Magnesium Alloy at Cold Temperature. Journal of Materials Engineering and Performance, 2011, 20, 1684-1689.	1.2	3
75	Experimental and computational investigations into creep response of AFRP reinforced timber beams. Composite Structures, 2011, 93, 616-628.	3.1	48
76	Compressive strain limits of composite repaired pipelines under combined loading states. Composite Structures, 2011, 93, 1538-1548.	3.1	44
77	A numerical study on the crack tip constraint of pipelines subject to extreme plastic bending. Engineering Fracture Mechanics, 2011, 78, 1201-1217.	2.0	25
78	Ductile crack growth and constraint in pipelines subject to combined loadings. Engineering Fracture Mechanics, 2011, 78, 2010-2028.	2.0	25
79	Stability and post-buckling response of sandwich pipes under hydrostatic external pressure. International Journal of Pressure Vessels and Piping, 2011, 88, 138-148.	1.2	56
80	A new look at the external pressure capacity of sandwich pipes. Marine Structures, 2011, 24, 23-42.	1.6	62
81	A proposed maximum ratio criterion applied to mixed mode fatigue crack propagation. Materials & Design, 2011, 32, 2066-2072.	5.1	10
82	Characterization of a shape memory alloy hybrid composite plate subject to static loading. Materials & Design, 2011, 32, 2923-2933.	5.1	40
83	Effect of LÃ¼ders Plateau on Fracture Response and Toughness of Pipelines Subject to Extreme Plastic Bending. Journal of Pressure Vessel Technology, Transactions of the ASME, 2011, 133, .	0.4	5
84	A novel application of a laser Doppler vibrometer in a health monitoring system. Journal of Mechanics of Materials and Structures, 2010, 5, 289-304.	0.4	12
85	Elastic buckling capacity of bonded and unbonded sandwich pipes under external hydrostatic pressure. Journal of Mechanics of Materials and Structures, 2010, 5, 391-408.	0.4	38
86	Development of a reference strain approach for assessment of fracture response of reeled pipelines. Engineering Fracture Mechanics, 2010, 77, 2337-2353.	2.0	50
87	Experimental Investigation Into the Fatigue of Welded Stiffened 350WT Steel Plates Using Neutron Diffraction Method. Strain, 2010, 46, 526-537.	1.4	3
88	Health monitoring of pipeline girth weld using empirical mode decomposition. Smart Materials and Structures, 2010, 19, 055016.	1.8	17
89	Influence of the Material Plasticity on the Characteristic Behavior of Sandwich Pipes. , 2010, , .		2
90	Fracture Behaviour of Adhesively Bonded Joints in Sandwich Composite Beams. Journal of Adhesion Science and Technology, 2009, 23, 1531-1546.	1.4	6

#	Article	IF	Citations
91	Stress Analysis of Tubular Adhesive Joints with Delaminated Adherend. Journal of Adhesion Science and Technology, 2009, 23, 1827-1844.	1.4	24
92	An Investigation Into the Behaviour of Composite Repaired Pipelines Under Combined Internal Pressure and Bending. , 2009, , .		8
93	Experimental validation of a novel structural damage detection method based on empirical mode decomposition. Smart Materials and Structures, 2009, 18, 045004.	1.8	29
94	Numerical study of the casting features on the fracture and debonding of Mg17Al12 in AM60B Mg alloy under high cycle fatigue condition. Materials & Design, 2009, 30, 1994-2005.	5.1	3
95	Deformations in adhesively bonded joints on elastic foundations. Composite Structures, 2009, 90, 130-140.	3.1	8
96	Non-linear investigation of overlap length effect on torsional capacity of tubular adhesively bonded joints. Composite Structures, 2009, 91, 186-195.	3.1	28
97	Experimental and numerical study of the effects of porosity on fatigue crack initiation of HPDC magnesium AM60B alloy. Journal of Alloys and Compounds, 2009, 470, 202-213.	2.8	43
98	Polynomial correction function for half-power bandwidth (HPB) method of damping of glulam beams reinforced with e-glass reinforced epoxy polymer (GRP). Canadian Journal of Civil Engineering, 2009, 36, 241-252.	0.7	7
99	Analytical modeling of fatigue crack propagation in metals coupled with elasto-plastic deformation. International Journal of Fracture, 2008, 153, 161-168.	1.1	3
100	Fatigue fracture criteria and microstructures of magnesium alloy plates. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 487, 74-85.	2.6	7
101	Structural life assessment of oil and gas risers under vortex-induced vibration. Marine Structures, 2008, 21, 353-373.	1.6	32
102	An adaptive enhancement of dynamic buckling of a laminated composite beam under axial impact by surface bonded piezoelectric patches. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 2680-2691.	3.4	3
103	The strain energy release rates in adhesively bonded balanced and unbalanced specimens and lap joints. International Journal of Solids and Structures, 2008, 45, 6284-6300.	1.3	32
104	Analytical and experimental evaluations of the influence of fracture surface roughness, its sliding actions and the associated plasticity on fatigue crack propagation. International Journal of Plasticity, 2008, 24, 302-326.	4.1	10
105	Study of fatigue crack incubation and propagation mechanisms in a HPDC AM60B magnesium alloy. Journal of Alloys and Compounds, 2008, 466, 214-227.	2.8	20
106	An Asymptotic Solution for Evaluation of Stresses in Balanced and Unbalanced Adhesively Bonded Joints. Mechanics of Advanced Materials and Structures, 2008, 15, 88-103.	1.5	19
107	Effect of texture on acoustic emission produced by slip and twinning in AZ31B magnesium alloyâ€"part II: clustering and neural network analysis. Nondestructive Testing and Evaluation, 2008, 23, 211-228.	1.1	19
108	Investigation of Fatigue Crack Propagation in Line Pipes Containing an Angled Surface Flaw. Journal of Pressure Vessel Technology, Transactions of the ASME, 2008, 130, .	0.4	2

#	Article	IF	Citations
109	Neuro-fuzzy approaches for pipeline condition assessment. Nondestructive Testing and Evaluation, 2007, 22, 35-60.	1.1	11
110	Fatigue Response and Characterization of 350WT Steel Under Semi-Random Loading. Journal of Pressure Vessel Technology, Transactions of the ASME, 2007, 129, 525-534.	0.4	5
111	An Experimental Investigation Into Fatigue Characterization of Oil Platform Risers Under Variable Amplitude Loading. , 2007, , 289.		3
112	A damage index for structural health monitoring based on the empirical mode decomposition. Journal of Mechanics of Materials and Structures, 2007, 2, 43-61.	0.4	50
113	A simple approach for characterizing the performance of metallic tubular adhesively-bonded joints under torsion loading. Journal of Adhesion Science and Technology, 2007, 21, 1613-1631.	1.4	18
114	Local buckling mitigation and stress analysis of a shape memory alloy hybrid composite plate with and without a cutout. Smart Materials and Structures, 2007, 16, 589-604.	1.8	7
115	Fatigue Properties of High Pressure Die-Cast Magnesium AM60B Alloy. , 2007, , .		3
116	Quasi-static and dynamic crushing behaviors of aluminum and steel tubes with a cutout. Thin-Walled Structures, 2007, 45, 283-300.	2.7	60
117	A numerical study on the axial crushing response of hybrid pultruded and Â±45Â° braided tubes. Composite Structures, 2007, 80, 253-264.	3.1	67
118	Analysis of deformations and stresses in balanced and unbalanced adhesively bonded single-strap joints. Composite Structures, 2007, 81, 511-524.	3.1	30
119	Continuum Finite Element Methods to Establish Compressive Strain Limits for Offshore Pipelines in Ice Gouge Environments. , 2007, , .		5
120	A smart single-lap adhesive joint integrated with partially distributed piezoelectric patches. International Journal of Solids and Structures, 2006, 43, 1079-1092.	1.3	25
121	Stress analysis of adhesively bonded sandwich pipe joints subjected to torsional loading. International Journal of Solids and Structures, 2006, 43, 5953-5968.	1.3	59
122	Buckling enhancement of epoxy columns using embedded shape memory alloy spring actuators. Composite Structures, 2006, 72, 200-211.	3.1	17
123	Proposed modifications to the Wheeler retardation model for multiple overloading fatigue life prediction. International Journal of Fatigue, 2006, 28, 1803-1819.	2.8	81
124	A study on crack front shape and the correlation between the stress intensity factors of a pipe subject to bending and a plate subject to tension. Marine Structures, 2006, 19, 193-216.	1.6	12
125	Fatigue life prediction of welded stiffened 350WT steel plates. Marine Structures, 2006, 19, 241-270.	1.6	15
126	Numerical and experimental investigations of the response of aluminum cylinders with a cutout subject to axial compression. Thin-Walled Structures, 2006, 44, 254-270.	2.7	78

#	Article	IF	Citations
127	The State-of-the-Art Review of Risersâ€™ VIV Fatigue. , 2006, , 871.		6
128	An Engineering Approach for Design and Analysis of Metallic Pipe Joints Under Torsion by the Finite Element Method. Journal of Strain Analysis for Engineering Design, 2006, 41, 443-452.	1.0	24
129	Numerical and Experimental Investigation into Dynamic Delamination Propagation of Axially Impacted Laminated Composite Beams. Science and Engineering of Composite Materials, 2006, 13, 157-174.	0.6	0
130	Strength improvement of a smart adhesive bonded joint system by partially integrated piezoelectric patches. Journal of Adhesion Science and Technology, 2006, 20, 503-518.	1.4	12
131	Fluid-induced vibration of composite natural gas pipelines. International Journal of Solids and Structures, 2005, 42, 1253-1268.	1.3	46
132	Piezoelectric-Based Degradation Assessment of a Pipe Using Fourier and Wavelet Analyses. Computer-Aided Civil and Infrastructure Engineering, 2005, 20, 369-382.	6.3	34
133	A novel smart adhesively bonded joint system. Smart Materials and Structures, 2005, 14, 971-981.	1.8	19
134	Evaluation of Vibration Damping of Glass-Reinforced-Polymer-Reinforced Glulam Composite Beams. Journal of Structural Engineering, 2005, 131, 1044-1050.	1.7	28
135	Shape Memory Alloy Wire Reinforced Composites for Structural Damage Repairs. Mechanics of Advanced Materials and Structures, 2005, 12, 425-435.	1.5	18
136	Neuro-Fuzzy Approaches for FRP Oil and Gas Pipeline Condition Assessment. , 2004, , 271.		2
137	Proposed Modification to the Zheng and Hirt Fatigue Model. Journal of Materials Engineering and Performance, 2004, 13, 226-231.	1.2	4
138	The effects of loading frequency, tensile overload and compressive underload on the fatigue crack propagation behaviour of polymethyl methacrylate. Polymer Testing, 2004, 23, 491-500.	2.3	26
139	Dynamic damage initiation of composite beams subjected to axial impact. Composites Science and Technology, 2004, 64, 719-728.	3.8	8
140	Dynamic pulse-buckling behavior of `quasi-ductile' carbon/epoxy and E-glass/epoxy laminated composite beams. Composite Structures, 2004, 64, 269-274.	3.1	7
141	An analytical solution for the analysis of symmetric composite adhesively bonded joints. Composite Structures, 2004, 65, 499-510.	3.1	83
142	Treatment of Unsymmetric Adhesively Bonded Composite Sandwich Panels-To-Flange Joints. Mechanics of Advanced Materials and Structures, 2004, 11, 175-196.	1.5	23
143	Prediction of crack growth in 350WT steel subjected to constant amplitude with over- and under-loads using a modified wheeler approach. Marine Structures, 2003, 16, 517-539.	1.6	45
144	Experimental and analytical investigation of fatigue characteristics of 350WT steel under constant and variable amplitude loadings. Marine Structures, 2003, 16, 69-91.	1.6	87

#	Article	IF	Citations
145	Dynamic pulsebuckling and postbuckling of composite laminated beam using higher order shear deformation theory. Composites Part B: Engineering, 2003, 34, 391-398.	5.9	9
146	A nondestructive method for evaluating natural frequency of glued-laminated beams reinforced with GRP. Nondestructive Testing and Evaluation, 2003, 19, 53-65.	1.1	19
147	Threshold and Variable Amplitude Crack Growth Behavior in 350WT Steel. , 2002, , 81.		3
148	Experimental investigations on the dynamic plastic buckling of a slender beam subject to axial impact. International Journal of Impact Engineering, 2002, 27, 1-17.	2.4	15
149	Finite element investigations on the dynamic plastic buckling of a slender beam subject to axial impact. International Journal of Impact Engineering, 2002, 27, 179-195.	2.4	7
150	Numerical studies on dynamic pulse buckling of FRP composite laminated beams subject to an axial impact. Composite Structures, 2002, 56, 269-277.	3.1	12
151	On the parameters influencing the performance of reinforced concrete beams strengthened with FRP plates. Composite Structures, 2002, 58, 217-226.	3.1	20
152	Application of DQM as an effective simulation tool for buckling response of delaminated composite plates. Composite Structures, 2001, 51, 439-449.	3.1	14
153	Dynamic elastic buckling of a slender beam with geometric imperfections subject to an axial impulse. Finite Elements in Analysis and Design, 2000, 35, 227-246.	1.7	31
154	A robust methodology for the simulation of postbuckling response of composite plates. Computational Mechanics, 2000, 26, 295-301.	2.2	9
155	Delamination buckling analysis of general laminated composite beams by differential quadrature method. Composites Part B: Engineering, 1999, 30, 503-511.	5.9	33
156	Postbuckling analysis of delaminated composite beams by differential quadrature method. Composite Structures, 1999, 46, 33-39.	3.1	10
157	Application of differential quadrature method to the delamination buckling of composite plates. Computers and Structures, 1999, 70, 615-623.	2.4	19
158	Differential Quadrature Approach for Delamination Buckling Analysis of Composites with Shear Deformation. AIAA Journal, 1998, 36, 1869-1873.	1.5	18
159	Improvement of Strength and Ductility of Adhesively Bonded Joints by Inclusion of SiC Whiskers. Journal of Composites Technology and Research, 1997, 19, 86.	0.4	3
160	Artificial Intelligence and Image Processing Approaches in Damage Assessment and Material Evaluation. , 0, , .		4
161	A Novel Approach for Detection of Damage in Adhesivelybonded Joints in Plastic Pipes Based on Vibration Method Using Piezoelectric Sensors. , 0, , .		7