

Marcelo de Moura

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183
papers

7,163
citations

45
h-index

79
g-index

188
ext. papers

7,926
ext. citations

4.4
avg, IF

6.18
L-index

#	Paper	IF	Citations
183	Evaluation of R-curves and cohesive law in mode I of European beech. <i>Theoretical and Applied Fracture Mechanics</i> , 2022 , 118, 103220	3.7	1
182	A simple strategy to perform mixed-mode I+II fatigue/fracture characterisation of composite bonded joints. <i>International Journal of Fatigue</i> , 2022 , 158, 106723	5	
181	Dynamic mode II interlaminar fracture toughness of electrically modified carbon/epoxy composites. <i>International Journal of Impact Engineering</i> , 2022 , 159, 104030	4	0
180	Bone: An Outstanding Composite Material. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3381	2.6	1
179	Comparison of numerical analyses of a composite wing component subjected to 4-point bending. <i>Composites Part C: Open Access</i> , 2022 , 100264	1.6	1
178	Experimental evaluation of cohesive laws components of mixed-mode I+II fracture characterization of cortical bone. <i>Engineering Fracture Mechanics</i> , 2022 , 268, 108493	4.2	
177	Fracture characterisation of bone-cement bonded joints under mode I loading. <i>Theoretical and Applied Fracture Mechanics</i> , 2022 , 120, 103404	3.7	0
176	The double cantilever beam test applied to mode I fracture characterization of polyamide 12 processed by selective laser sintering technology. <i>Engineering Fracture Mechanics</i> , 2022 , 269, 108555	4.2	
175	Thermal, Mechanical and Chemical Analysis of Poly(vinyl alcohol) Multifilament and Braided Yarns. <i>Polymers</i> , 2021 , 13,	4.5	1
174	Experimental and numerical mixed-mode I+II fracture characterization of carbon fibre reinforced polymer laminates using a novel strategy. <i>Composite Structures</i> , 2021 , 263, 113683	5.3	1
173	Influence of geometric and material parameters on the mode II interlaminar fatigue/fracture characterization of CFRP laminates. <i>Composites Science and Technology</i> , 2021 , 210, 108819	8.6	2
172	Direct Evaluation of Mixed Mode I+II Cohesive Laws of Wood by Coupling MMB Test with DIC. <i>Materials</i> , 2021 , 14,	3.5	8
171	Thermoplastic Composites and Their Promising Applications in Joining and Repair Composites Structures: A Review. <i>Materials</i> , 2020 , 13,	3.5	14
170	Numerical comparison of several composite bonded repairs under fatigue loading. <i>Composite Structures</i> , 2020 , 243, 112250	5.3	1
169	High-cycle fatigue analysis of adhesively bonded composite scarf repairs. <i>Composites Part B: Engineering</i> , 2020 , 190, 107900	10	8
168	A novel strategy to obtain the fracture envelope under mixed-mode I+II loading of composite bonded joints. <i>Engineering Fracture Mechanics</i> , 2020 , 232, 107032	4.2	3
167	Influence of adverse temperature and moisture conditions on the fracture behaviour of single-strap repairs of carbon-epoxy laminates. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 96, 102452	3.4	1

166	Experimental Investigation of Delamination in Composite Continuous Fiber-Reinforced Plastic Laminates with Elastic Couplings. <i>Materials</i> , 2020 , 13,	3.5	8
165	A review on the environmental degradation effects on fatigue behaviour of adhesively bonded joints. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020 , 43, 1307-1326	3	6
164	Experimental and numerical analyses of wood boards joining using wood-pin connectors. <i>Construction and Building Materials</i> , 2019 , 222, 556-565	6.7	7
163	Mixed mode I + II interlaminar fracture characterization of carbon-fibre reinforced polyamide composite using the Single-Leg Bending test. <i>Materials Today Communications</i> , 2019 , 19, 476-481	2.5	5
162	Pure mode I and II interlaminar fracture characterization of carbon-fibre reinforced polyamide composite. <i>Composites Part B: Engineering</i> , 2019 , 169, 126-132	10	16
161	Study of the interlaminar fracture under mode I loading on FFF printed parts. <i>Composite Structures</i> , 2019 , 214, 316-324	5.3	16
160	Development of an explicit three-dimensional progressive mixed-mode I+II damage model. <i>Engineering Fracture Mechanics</i> , 2019 , 218, 106585	4.2	2
159	Effect of temperature on the fracture toughness of wood under mode I quasi-static loading. <i>Construction and Building Materials</i> , 2019 , 223, 863-869	6.7	4
158	Fatigue-fracture characterization of wood under mode I loading. <i>International Journal of Fatigue</i> , 2019 , 121, 265-271	5	2
157	Enhancement of stiffness and load bearing capacity of damaged mortar beams with CFRP patches. <i>Composite Structures</i> , 2019 , 210, 518-525	5.3	1
156	Surface patterning of CRFP composites using femtosecond laser interferometry. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	6
155	Mode I fracture characterization of wood using the TDCB test. <i>Theoretical and Applied Fracture Mechanics</i> , 2018 , 94, 40-45	3.7	8
154	Influence of femtosecond laser treated surfaces on the mode I fracture toughness of carbon-epoxy bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 82, 108-113	3.4	7
153	Determination of mode II cohesive law of bovine cortical bone using direct and inverse methods. <i>International Journal of Mechanical Sciences</i> , 2018 , 138-139, 448-456	5.5	8
152	Multi-impact response of composite laminates with open holes. <i>Polymer Composites</i> , 2018 , 39, 2490-2498		4
151	Fracture behavior of wood-steel dowel joints under quasi-static loading. <i>Construction and Building Materials</i> , 2018 , 176, 14-23	6.7	5
150	Dimensional optimization of carbon-epoxy bars for reinforcement of wood beams. <i>Composites Part B: Engineering</i> , 2018 , 139, 163-170	10	5
149	Mode II fracture toughness of carbon-epoxy bonded joints with femtosecond laser treated surfaces. <i>International Journal of Mechanical Sciences</i> , 2018 , 148, 707-713	5.5	8

148	Mode II fracture characterization of wood using the Four-Point End-Notched Flexure (4ENF) test. <i>Theoretical and Applied Fracture Mechanics</i> , 2018 , 98, 23-29	3.7	11
147	Numerical and experimental analyses of composite bonded double-strap repairs under high-cycle fatigue 2017 , 93, 980-992		5
146	Surface treatment of CFRP composites using femtosecond laser radiation. <i>Optics and Lasers in Engineering</i> , 2017 , 94, 37-43	4.6	71
145	Influence of inclined holes on the impact strength of CFRP composites. <i>Composite Structures</i> , 2017 , 172, 130-136	5.3	10
144	Fracture characterization of human cortical bone under mode II loading using the end-notched flexure test. <i>Medical and Biological Engineering and Computing</i> , 2017 , 55, 1249-1260	3.1	9
143	Fatigue analysis of composite bonded repairs. <i>Journal of Adhesion Science and Technology</i> , 2017 , 31, 2164-21798		
142	Mixed-mode I+II fracture characterization of a hybrid carbon-epoxy/cork laminate using the Single-Leg Bending test. <i>Composites Science and Technology</i> , 2017 , 141, 24-31	8.6	11
141	Low velocity impact behaviour of a hybrid carbon-epoxy/cork laminate. <i>Strain</i> , 2017 , 53, e12241	1.7	5
140	Direct and inverse methods applied to the determination of mode I cohesive law of bovine cortical bone using the DCB test. <i>International Journal of Solids and Structures</i> , 2017 , 128, 210-220	3.1	17
139	Bone fracture characterization under mixed-mode I + II loading using the MMB test. <i>Engineering Fracture Mechanics</i> , 2016 , 166, 151-163	4.2	13
138	A new energy based mixed-mode cohesive zone model. <i>International Journal of Solids and Structures</i> , 2016 , 102-103, 112-119	3.1	28
137	Effect of moisture on pure mode I and II fracture behaviour of composite bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2016 , 68, 30-38	3.4	43
136	Fatigue/fracture characterization of composite bonded joints under mode I, mode II and mixed-mode I + II. <i>Composite Structures</i> , 2016 , 139, 62-67	5.3	15
135	Mixed-mode I+II fracture characterization of human cortical bone using the Single Leg Bending test. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 54, 72-81	4.1	14
134	Effect of temperature on pure modes I and II fracture behavior of composite bonded joints. <i>Composites Part B: Engineering</i> , 2016 , 96, 35-44	10	31
133	Mode II fracture characterization of a hybrid cork/carbon-epoxy laminate. <i>Composites Part B: Engineering</i> , 2015 , 76, 44-51	10	22
132	Wood fracture characterization under mode I loading using the three-point-bending test. Experimental investigation of <i>Picea abies</i> L.. <i>International Journal of Fracture</i> , 2015 , 194, 1-9	2.3	10
131	Cohesive zone model for high-cycle fatigue of composite bonded joints under mixed-mode I+II loading. <i>Engineering Fracture Mechanics</i> , 2015 , 140, 31-42	4.2	27

130	Characterisation of composite bonded single-strap repairs under fatigue loading. <i>International Journal of Mechanical Sciences</i> , 2015 , 103, 22-29	5.5	10
129	Bilinear approximations to the mixed-mode III delamination cohesive law using an inverse method. <i>Composite Structures</i> , 2015 , 122, 361-366	5.3	26
128	Application of Cohesive Zone Modeling to Composite Bonded Repairs 2015 , 91, 71-94		19
127	A New Procedure for Mode I Fracture Characterization of Cement-Based Materials. <i>Strain</i> , 2015 , 51, 483-491	4.7	5
126	Determining mode I cohesive law of Pinus pinaster by coupling double cantilever beam test with digital image correlation. <i>Frattura Ed Integrita Strutturale</i> , 2015 , 9, 13-22	0.9	
125	Mode I fracture characterization of human bone using the DCB test. <i>International Journal of Structural Integrity</i> , 2015 , 6, 355-366	1	
124	Fracture Characterization of Human Cortical Bone Under Mode I Loading. <i>Journal of Biomechanical Engineering</i> , 2015 , 137, 121004	2.1	8
123	Direct Evaluation of Cohesive Law in Mode I of Pinus pinaster by Digital Image Correlation. <i>Experimental Mechanics</i> , 2014 , 54, 829	2.6	26
122	Cohesive zone model for high-cycle fatigue of adhesively bonded joints under mode I loading. <i>International Journal of Solids and Structures</i> , 2014 , 51, 1123-1131	3.1	48
121	Fracture characterization of bonded joints using the dual actuator load apparatus. <i>Journal of Adhesion Science and Technology</i> , 2014 , 28, 512-524	2	9
120	The Effect of Hybridization on the GFRP Behavior under Quasi-Static Penetration. <i>Mechanics of Advanced Materials and Structures</i> , 2014 , 21, 81-87	1.8	13
119	Fracture Mechanics Tests in Adhesively Bonded Joints: A Literature Review 2014 , 90, 955-992		136
118	Determining mode II cohesive law of Pinus pinaster by combining the end-notched flexure test with digital image correlation. <i>Construction and Building Materials</i> , 2014 , 71, 109-115	6.7	12
117	Development of a cohesive zone model for fatigue/fracture characterization of composite bonded joints under mode II loading. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 54, 224-230	3.4	19
116	Moisture content effect on the fracture characterisation of Pinus pinaster under mode I. <i>Journal of Materials Science</i> , 2014 , 49, 7371-7381	4.3	7
115	Bone fracture characterization under mixed-mode I+II loading using the single leg bending test. <i>Biomechanics and Modeling in Mechanobiology</i> , 2014 , 13, 1331-9	3.8	10
114	Damage onset on tow-placed variable stiffness composite laminates. <i>Composite Structures</i> , 2014 , 113, 419-428	5.3	21
113	Buckling analysis of laminated composite plates submitted to compression after impact. <i>Fibers and Polymers</i> , 2014 , 15, 560-565	2	7

112	Quasi-static behavior of moment-carrying steel-wood doweled joints. <i>Construction and Building Materials</i> , 2014 , 53, 439-447	6.7	13
111	Determination of cohesive laws in wood bonded joints under mode II loading using the ENF test. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 51, 54-61	3.4	27
110	Evaluation of mode I fracture toughness of cortical bone tissue in the RL crack propagation system. <i>Ciência & Tecnologia Dos Materiais</i> , 2014 , 26, 96-101		1
109	Mode I fracture characterization of a hybrid cork and carbon-epoxy laminate. <i>Composite Structures</i> , 2014 , 112, 248-253	5.3	9
108	Cohesive laws of composite bonded joints under mode I loading. <i>Composite Structures</i> , 2013 , 106, 646-652	5.3	49
107	Simulation of Bonded Joints Failure using Progressive Mixed-Mode Damage Models 2013 , 147-170		2
106	Mixed-mode I+II continuum damage model applied to fracture characterization of bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2013 , 41, 92-97	3.4	13
105	Determination of cohesive laws of composite bonded joints under mode II loading. <i>Composites Part B: Engineering</i> , 2013 , 52, 269-274	10	51
104	Influence of multi-impacts on GFRP composites laminates. <i>Composites Part B: Engineering</i> , 2013 , 52, 93-98		36
103	Numerical validation of a crack equivalent method for mixed-mode I + II fracture characterization of bonded joints. <i>Engineering Fracture Mechanics</i> , 2013 , 107, 38-47	4.2	12
102	Large deflection and stresses in variable stiffness composite laminates with curvilinear fibres. <i>International Journal of Mechanical Sciences</i> , 2013 , 73, 14-26	5.5	51
101	Mixed-mode I+II fatigue/fracture characterization of composite bonded joints using the Single-Leg Bending test. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013 , 44, 63-69	8.4	31
100	Characterization of composite bonded joints under pure mode II fatigue loading. <i>Composite Structures</i> , 2013 , 95, 222-226	5.3	18
99	Influence of open holes on composites delamination induced by low velocity impact loads. <i>Composite Structures</i> , 2013 , 97, 239-244	5.3	23
98	Bone fracture characterization using the end notched flexure test. <i>Materials Science and Engineering C</i> , 2013 , 33, 405-10	8.3	13
97	Determination of cohesive laws in wood bonded joints under mode I loading using the DCB test. <i>Holzforschung</i> , 2013 , 67, 913-922	2	16
96	Repairing wood beams under bending using carbon-epoxy composites. <i>Engineering Structures</i> , 2012 , 34, 342-350	4.7	28
95	Bilinear approximations to the mode II delamination cohesive law using an inverse method. <i>Mechanics of Materials</i> , 2012 , 49, 42-50	3.3	32

94	A straightforward method to obtain the cohesive laws of bonded joints under mode I loading. <i>International Journal of Adhesion and Adhesives</i> , 2012 , 39, 54-59	3-4	57
93	Quasi-Static Fracture Tests 2012 , 163-271		3
92	Evaluation of bone cohesive laws using an inverse method applied to the DCB test. <i>Engineering Fracture Mechanics</i> , 2012 , 96, 724-736	4.2	18
91	Matrix-Controlled Failure Modes of Polymeric Composites 2012 , 1		
90	Influence of the specimen thickness on low velocity impact behavior of composites. <i>Journal of Polymer Engineering</i> , 2012 , 32,	1.4	10
89	Damage detection on laminated composite materials using several NDT techniques. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2012 , 54, 14-20	1.3	35
88	Fracture: Interlaminar 2011 ,		1
87	Design and analysis of a new six-point edge crack torsion (6ECT) specimen for mode III interlaminar fracture characterisation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 131-139	8.4	18
86	Mode III interlaminar fracture of carbon/epoxy laminates using the Six-Point Edge Crack Torsion (6ECT). <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 1793-1799	8.4	20
85	Numerical analysis of the ENF and ELS tests applied to mode II fracture characterization of cortical bone tissue. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2011 , 34, 149-158	3	16
84	Delamination Effect on Bending Behaviour in Carbon/Epoxy Composites. <i>Strain</i> , 2011 , 47, 203-208	1.7	55
83	The Influence of the Boundary Conditions on Low-Velocity Impact Composite Damage. <i>Strain</i> , 2011 , 47, e220-e226	1.7	30
82	Fracture characterization of bone under mode II loading using the end loaded split test. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2011 , 4, 1764-73	4.1	10
81	A numerical study on the SEN-TPB test applied to mode I wood fracture characterization. <i>International Journal of Solids and Structures</i> , 2011 , 48, 234-242	3.1	14
80	Numerical analysis of the dual actuator load test applied to fracture characterization of bonded joints. <i>International Journal of Solids and Structures</i> , 2011 , 48, 1572-1578	3.1	13
79	Mixed-mode (I+II) fracture characterization of wood bonded joints. <i>Construction and Building Materials</i> , 2011 , 25, 1956-1962	6.7	23
78	Composite bonded joints under mode I fatigue loading. <i>International Journal of Adhesion and Adhesives</i> , 2011 , 31, 280-285	3-4	26
77	Measurement of Mode I and Mode II Fracture Properties of Wood-Bonded Joints. <i>Journal of Adhesion Science and Technology</i> , 2011 , 25, 2881-2895	2	15

76	Interlaminar Fracture Characterization of a Carbon-Epoxy Composite in Pure Mode II. <i>Materials Science Forum</i> , 2010 , 636-637, 1518-1524	0.4	4
75	Estimate of resistance-curve in wood through the double cantilever beam test. <i>Holzforschung</i> , 2010 , 64,	2	16
74	Strength Prediction of Adhesively-Bonded Scarf Repairs in Composite Structures under Bending. <i>Materials Science Forum</i> , 2010 , 636-637, 233-238	0.4	1
73	Stress and Failure Analysis of Repaired Sandwich Composite Beams using a Cohesive Damage Model. <i>Journal of Sandwich Structures and Materials</i> , 2010 , 12, 369-390	2.1	11
72	Adhesively Bonded Repair Proposal for Wood Members Damaged by Horizontal Shear Using Carbon-Epoxy Patches 2010 , 86, 649-670		14
71	Strength Prediction and Experimental Validation of Adhesive Joints Including Polyethylene, Carbon-Epoxy and Aluminium Adherends. <i>Materials Science Forum</i> , 2010 , 636-637, 1157-1164	0.4	5
70	Repair of Wood Trusses Loaded in Tension with Adhesively Bonded Carbon-Epoxy Patches 2010 , 86, 630-648		5
69	Mode II Fracture Toughness of a Brittle and a Ductile Adhesive as a Function of the Adhesive Thickness 2010 , 86, 891-905		74
68	Buckling strength of adhesively-bonded single and double-strap repairs on carbon-epoxy structures. <i>Composites Science and Technology</i> , 2010 , 70, 371-379	8.6	28
67	The double cantilever beam test applied to mode I fracture characterization of cortical bone tissue. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010 , 3, 446-53	4.1	55
66	Numerical evaluation of three-dimensional scarf repairs in carbon-epoxy structures. <i>International Journal of Adhesion and Adhesives</i> , 2010 , 30, 329-337	3.4	44
65	Mixed-mode I/II wood fracture characterization using the mixed-mode bending test. <i>Engineering Fracture Mechanics</i> , 2010 , 77, 144-152	4.2	32
64	Crack equivalent based method applied to wood fracture characterization using the single edge notched-three point bending test. <i>Engineering Fracture Mechanics</i> , 2010 , 77, 510-520	4.2	37
63	Fracture characterization of sandwich structures interfaces under mode I loading. <i>Composites Science and Technology</i> , 2010 , 70, 1386-1394	8.6	21
62	Interlaminar and intralaminar fracture characterization of composites under mode I loading. <i>Composite Structures</i> , 2010 , 92, 144-149	5.3	67
61	Experimental and numerical evaluation of composite repairs on wood beams damaged by cross-graining. <i>Construction and Building Materials</i> , 2010 , 24, 531-537	6.7	32
60	Mixed-Mode Cohesive Damage Model Applied to the Simulation of the Mechanical Behaviour of Laminated Composite Adhesive Joints. <i>Journal of Adhesion Science and Technology</i> , 2009 , 23, 1477-1491 ²		17
59	Application of the end loaded split and single-leg bending tests to the mixed-mode fracture characterization of wood. <i>Holzforschung</i> , 2009 , 63,	2	21

58	Data reduction scheme for measuring GIIC of wood in end-notched flexure (ENF) tests. <i>Holzforschung</i> , 2009 , 63,	2	22
57	The effect of hybridization on the GFRP behavior under high velocity impact. <i>Composites Part B: Engineering</i> , 2009 , 40, 798-803	10	72
56	Numerical prediction on the tensile residual strength of repaired CFRP under different geometric changes. <i>International Journal of Adhesion and Adhesives</i> , 2009 , 29, 195-205	3-4	57
55	Numerical analysis of the Edge Crack Torsion test for mode III interlaminar fracture of composite laminates. <i>Engineering Fracture Mechanics</i> , 2009 , 76, 469-478	4-2	31
54	Tensile behaviour of three-dimensional carbon-epoxy adhesively bonded single- and double-strap repairs. <i>International Journal of Adhesion and Adhesives</i> , 2009 , 29, 678-686	3-4	79
53	Modelling the tensile fracture behaviour of CFRP scarf repairs. <i>Composites Part B: Engineering</i> , 2009 , 40, 149-157	10	119
52	Mode III interlaminar fracture of carbon/epoxy laminates using the edge crack torsion (ECT) test. <i>Composites Science and Technology</i> , 2009 , 69, 670-676	8.6	51
51	Pure mode II fracture characterization of composite bonded joints. <i>International Journal of Solids and Structures</i> , 2009 , 46, 1589-1595	3-1	153
50	Fracture behaviour of damaged wood beams repaired with an adhesively-bonded composite patch. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009 , 40, 852-859	8.4	32
49	Single-Lap Joints of Similar and Dissimilar Adherends Bonded with an Acrylic Adhesive 2009 , 85, 351-376		65
48	Buckling Behaviour of CarbonEpoxy Adhesively-Bonded Scarf Repairs. <i>Journal of Adhesion Science and Technology</i> , 2009 , 23, 1493-1513	2	37
47	Influence of intralaminar cracking on the apparent interlaminar mode I fracture toughness of cross-ply laminates. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2008 , 27, 759-766	3	21
46	Comparison of fracture properties of two wood species through cohesive crack simulations. <i>Composites Part A: Applied Science and Manufacturing</i> , 2008 , 39, 415-427	8.4	75
45	Interlaminar mode II fracture characterization 2008 , 310-326		7
44	Interaction of matrix cracking and delamination 2008 , 327-343		
43	Mode II Fracture Characterization of Pinus Pinaster Wood. <i>Materials Science Forum</i> , 2008 , 587-588, 594-598		
42	The Effect of the Carbon Epoxy Plate Size under Low Velocity Impact. <i>Materials Science Forum</i> , 2008 , 587-588, 951-955	0-4	
41	Computational Modelling of the Residual Strength of Repaired Composite Laminates Using a Cohesive Damage Model. <i>Journal of Adhesion Science and Technology</i> , 2008 , 22, 1565-1591	2	31

40	Crack equivalent concept applied to the fracture characterization of bonded joints under pure mode I loading. <i>Composites Science and Technology</i> , 2008 , 68, 2224-2230	8.6	197
39	Cohesive and continuum mixed-mode damage models applied to the simulation of the mechanical behaviour of bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2008 , 28, 419-426	3.4	150
38	An experimental and numerical assessment of DCB tests on glass/polyester curved beams cut out from pipes. <i>Polymer Testing</i> , 2008 , 27, 985-994	4.5	8
37	Failure analysis of quasi-isotropic CFRP laminates under high strain rate compression loading. <i>Composite Structures</i> , 2008 , 84, 362-368	5.3	31
36	Using a cohesive damage model to predict the tensile behaviour of CFRP single-strap repairs. <i>International Journal of Solids and Structures</i> , 2008 , 45, 1497-1512	3.1	132
35	Equivalent crack based analyses of ENF and ELS tests. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 2584-2596	4.6	93
34	Numerical prediction of delamination onset in carbon/epoxy composites drilling. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 2767-2778	4.2	75
33	A new data reduction scheme for mode I wood fracture characterization using the double cantilever beam test. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 3852-3865	4.2	159
32	Progressive Damage Modelling 2008 , 155-182		3
31	Stress and failure analyses of scarf repaired CFRP laminates using a cohesive damage model. <i>Journal of Adhesion Science and Technology</i> , 2007 , 21, 855-870	2	78
30	Numerical analysis of the MMB test for mixed-mode I/II wood fracture. <i>Composites Science and Technology</i> , 2007 , 67, 1764-1771	8.6	36
29	Mode II wood fracture characterization using the ELS test. <i>Engineering Fracture Mechanics</i> , 2007 , 74, 2133-2147	4.2	30
28	The Effect of the Impactor Diameter and Boundary Conditions on Low Velocity Impact Composites Behaviour. <i>Applied Mechanics and Materials</i> , 2007 , 7-8, 217-222	0.3	2
27	Simulation of mechanical behaviour of composite bonded joints containing strip defects. <i>International Journal of Adhesion and Adhesives</i> , 2006 , 26, 464-473	3.4	68
26	Residual Strength after Low Velocity Impact in Carbon-Epoxy Laminates. <i>Materials Science Forum</i> , 2006 , 514-516, 624-628	0.4	45
25	Numerical simulation of the ENF test for the mode-II fracture characterization of bonded joints. <i>Journal of Adhesion Science and Technology</i> , 2006 , 20, 37-52	2	24
24	Effect of Adhesive Type and Thickness on the Lap Shear Strength 2006 , 82, 1091-1115		311
23	Numerical simulation of the drilling process on carbon/epoxy composite laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006 , 37, 1325-1333	8.4	69

22	Numerical analysis of the ENF test for mode II wood fracture. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006 , 37, 1334-1344	8.4	43
21	Equivalent crack based mode II fracture characterization of wood. <i>Engineering Fracture Mechanics</i> , 2006 , 73, 978-993	4.2	94
20	Evaluation of initiation criteria used in interlaminar fracture tests. <i>Engineering Fracture Mechanics</i> , 2006 , 73, 2264-2276	4.2	31
19	Cohesive and continuum damage models applied to fracture characterization of bonded joints. <i>International Journal of Mechanical Sciences</i> , 2006 , 48, 493-503	5.5	42
18	Mode I interlaminar fracture of woven glass/epoxy multidirectional laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2005 , 36, 1119-1127	8.4	47
17	Evaluation of stress concentration effects in single-lap bonded joints of laminate composite materials. <i>International Journal of Adhesion and Adhesives</i> , 2005 , 25, 313-319	3.4	53
16	Assessment of initiation criteria used in interlaminar fracture tests of composites. <i>Engineering Fracture Mechanics</i> , 2005 , 72, 2615-2627	4.2	30
15	Modelling single and double-lap repairs on composite materials. <i>Composites Science and Technology</i> , 2005 , 65, 1948-1958	8.6	162
14	Application of acoustic emission to study creep behaviour of composite bonded lap shear joints. <i>NDT and E International</i> , 2005 , 38, 45-52	4.1	28
13	Modelling the interaction between matrix cracking and delamination in carbon/epoxy laminates under low velocity impact. <i>Composites Science and Technology</i> , 2004 , 64, 1021-1027	8.6	130
12	Numerical simulation of the crushing process of composite materials. <i>International Journal of Crashworthiness</i> , 2004 , 9, 263-276	1	49
11	Analysis of crack propagation in double cantilever beam tests of multidirectional laminates. <i>Mechanics of Materials</i> , 2003 , 35, 641-652	3.3	61
10	Application of interface finite elements to three-dimensional progressive failure analysis of adhesive joints. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2003 , 26, 479-486	3	59
9	Mode-I interlaminar fracture of carbon/epoxy cross-ply composites. <i>Composites Science and Technology</i> , 2002 , 62, 679-686	8.6	128
8	A three-dimensional finite element model for stress analysis of adhesive joints. <i>International Journal of Adhesion and Adhesives</i> , 2002 , 22, 357-365	3.4	131
7	Prediction of low velocity impact damage in carbon/epoxy laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2002 , 33, 361-368	8.4	148
6	Mixed-mode decohesion elements for analyses of progressive delamination 2001 ,		207
5	Prediction of compressive strength of carbon/epoxy laminates containing delamination by using a mixed-mode damage model. <i>Composite Structures</i> , 2000 , 50, 151-157	5.3	60

4	Interface element including point-to-surface constraints for three-dimensional problems with damage propagation. <i>Engineering Computations</i> , 2000 , 17, 28-47	1.4	82
3	Modeling Compression Failure after Low Velocity Impact on Laminated Composites Using Interface Elements. <i>Journal of Composite Materials</i> , 1997 , 31, 1462-1479	2.7	97
2	Wood Fracture Characterization		2
1	Prediction of the influence of several parameters on the mode I interlaminar fatigue/fracture characterization of CFRP laminates. <i>Mechanics of Advanced Materials and Structures</i> , 1-8	1.8	