

Anthony M Waas

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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.

163
papers

3,408
citations

34
h-index

53
g-index

182
ext. papers

3,982
ext. citations

4.4
avg, IF

5.99
L-index

#	Paper	IF	Citations
163	Discrete cohesive zone model for mixed-mode fracture using finite element analysis. <i>Engineering Fracture Mechanics</i> , 2006 , 73, 1783-1796	4.2	276
162	The influence of adhesive constitutive parameters in cohesive zone finite element models of adhesively bonded joints. <i>International Journal of Solids and Structures</i> , 2009 , 46, 2201-2215	3.1	131
161	Abiotic tooth enamel. <i>Nature</i> , 2017 , 543, 95-98	50.4	127
160	Reactive Aramid Nanostructures as High-Performance Polymeric Building Blocks for Advanced Composites. <i>Advanced Functional Materials</i> , 2013 , 23, 2072-2080	15.6	124
159	Increasing the length of single-wall carbon nanotubes in a magnetically enhanced arc discharge. <i>Applied Physics Letters</i> , 2008 , 92, 043129	3.4	119
158	Compressive response and failure of fiber reinforced unidirectional composites. <i>International Journal of Fracture</i> , 1999 , 100, 275-306	2.3	116
157	Braided textile composites under compressive loads: Modeling the response, strength and degradation. <i>Composites Science and Technology</i> , 2007 , 67, 3059-3070	8.6	101
156	Interaction between kinking and splitting in the compressive failure of unidirectional fiber reinforced laminated composites. <i>Composite Structures</i> , 2013 , 98, 85-92	5.3	95
155	Numerical implementation of a multiple-ISV thermodynamically-based work potential theory for modeling progressive damage and failure in fiber-reinforced laminates. <i>International Journal of Fracture</i> , 2013 , 182, 93-122	2.3	85
154	Three-dimensional digital image correlation technique using single high-speed camera for measuring large out-of-plane displacements at high framing rates. <i>Applied Optics</i> , 2010 , 49, 3418-27	0.2	82
153	Characterization of the in-situ non-linear shear response of laminated fiber-reinforced composites. <i>Composites Science and Technology</i> , 2010 , 70, 1126-1134	8.6	72
152	Prediction of progressive failure in multidirectional composite laminated panels. <i>International Journal of Solids and Structures</i> , 2007 , 44, 2648-2676	3.1	67
151	Progressive damage and failure response of hybrid 3D textile composites subjected to flexural loading, part II: Mechanics based multiscale computational modeling of progressive damage and failure. <i>International Journal of Solids and Structures</i> , 2015 , 75-76, 321-335	3.1	62
150	Progressive damage and failure modeling in notched laminated fiber reinforced composites. <i>International Journal of Fracture</i> , 2009 , 158, 125-143	2.3	62
149	Compressive failure of fiber composites under multi-axial loading. <i>Journal of the Mechanics and Physics of Solids</i> , 2006 , 54, 611-634	5	58
148	Characterization of carbon nanotubes produced by arc discharge: Effect of the background pressure. <i>Journal of Applied Physics</i> , 2004 , 95, 2749-2754	2.5	55
147	Progressive failure of a unidirectional fiber-reinforced composite using the method of cells: Discretization objective computational results. <i>International Journal of Solids and Structures</i> , 2013 , 50, 1203-1216	3.1	52

146	Estimating mechanical properties of 2D triaxially braided textile composites based on microstructure properties. <i>Composites Part B: Engineering</i> , 2015 , 68, 288-299	10	51
145	Compressive response and failure of braided textile composites: Part 2—computations. <i>International Journal of Non-Linear Mechanics</i> , 2004 , 39, 649-663	2.8	51
144	A micromechanics based multiscale model for nonlinear composites. <i>Acta Mechanica</i> , 2014 , 225, 1391-1417	4.7	47
143	Progressive damage and failure response of hybrid 3D textile composites subjected to flexural loading, part I: Experimental studies. <i>International Journal of Solids and Structures</i> , 2015 , 75-76, 309-320	3.1	45
142	Magnetic-field-enhanced synthesis of single-wall carbon nanotubes in arc discharge. <i>Journal of Applied Physics</i> , 2008 , 103, 094318	2.5	44
141	FEM predictions of damage in continuous fiber ceramic matrix composites under transverse tension using the crack band method. <i>Acta Materialia</i> , 2016 , 102, 292-303	8.4	42
140	Nonself-similar decohesion along a finite interface of unilaterally constrained delaminations. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 1997 , 453, 515-550	2.4	41
139	A novel mixed-mode cohesive formulation for crack growth analysis. <i>Composite Structures</i> , 2016 , 156, 253-262	5.3	39
138	Open hole and filled hole progressive damage and failure analysis of composite laminates with a countersunk hole. <i>Composite Structures</i> , 2018 , 203, 523-538	5.3	39
137	In-plane fracture of laminated fiber reinforced composites with varying fracture resistance: Experimental observations and numerical crack propagation simulations. <i>International Journal of Solids and Structures</i> , 2010 , 47, 901-911	3.1	37
136	On the response of curved laminated panels subjected to transverse impact loads. <i>International Journal of Solids and Structures</i> , 1999 , 36, 1311-1327	3.1	36
135	Energy-based mechanical model for mixed mode failure of laminated composites. <i>AIAA Journal</i> , 1995 , 33, 739-745	2.1	36
134	Mechanics of kinking in fiber-reinforced composites under compressive loading. <i>Mathematics and Mechanics of Solids</i> , 2016 , 21, 667-684	2.3	35
133	Low-velocity impact predictions of composite laminates using a continuum shell based modeling approach part A: Impact study. <i>International Journal of Solids and Structures</i> , 2018 , 155, 185-200	3.1	35
132	A novel continuum-decohesive finite element for modeling in-plane fracture in fiber reinforced composites. <i>Composites Science and Technology</i> , 2013 , 83, 1-10	8.6	35
131	Direct numerical simulation of 3D woven textile composites subjected to tensile loading: An experimentally validated multiscale approach. <i>Composites Part B: Engineering</i> , 2018 , 152, 102-115	10	34
130	Modeling and predicting the compression strength limiting mechanisms in Z-pinned textile composites. <i>Composites Part B: Engineering</i> , 2009 , 40, 530-539	10	34
129	Prediction of Compressive Failure in Laminated Composites at Room and Elevated Temperature. <i>AIAA Journal</i> , 2002 , 40, 346-358	2.1	31

128	Low-velocity impact predictions of composite laminates using a continuum shell based modeling approach Part b: BVID impact and compression after impact. <i>International Journal of Solids and Structures</i> , 2018 , 155, 201-212	3.1	29
127	A New Experimental Approach for In Situ Damage Assessment in Fibrous Ceramic Matrix Composites at High Temperature. <i>Journal of the American Ceramic Society</i> , 2015 , 98, 1898-1906	3.8	29
126	Effect of automated fiber placement (AFP) manufacturing signature on mechanical performance of composite structures. <i>Composite Structures</i> , 2019 , 228, 111335	5.3	28
125	Micromechanical modeling to determine the compressive strength and failure mode interaction of multidirectional laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013 , 50, 11-21	8.4	28
124	Compression response, strength and post-peak response of an axial fiber reinforced tow. <i>International Journal of Mechanical Sciences</i> , 2009 , 51, 491-499	5.5	28
123	Global and Local Buckling of a Sandwich Beam. <i>Journal of Engineering Mechanics - ASCE</i> , 2007 , 133, 230-237	2.7	28
122	Progressive damage and failure analysis of single lap shear and double lap shear bolted joints. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 113, 264-274	8.4	27
121	Predicting the low velocity impact damage of a quasi-isotropic laminate using EST. <i>Composite Structures</i> , 2020 , 251, 112530	5.3	27
120	High fidelity simulation of low velocity impact behavior of CFRP laminate. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 113, 166-179	8.4	26
119	Predictions of crack propagation using a variational multiscale approach and its application to fracture in laminated fiber reinforced composites. <i>Composite Structures</i> , 2012 , 94, 3336-3346	5.3	26
118	Errors Caused by Non-Work-Conjugate Stress and Strain Measures and Necessary Corrections in Finite Element Programs. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2010 , 77,	2.7	26
117	Upscaling from a micro-mechanics model to capture laminate compressive strength due to kink banding instability. <i>Computational Materials Science</i> , 2013 , 67, 40-47	3.2	25
116	Effects of elevated loading rates on mode I fracture of composite laminates using a modified wedge-insert fracture method. <i>Composites Science and Technology</i> , 2018 , 156, 39-47	8.6	23
115	On the Importance of Work-Conjugacy and Objective Stress Rates in Finite Deformation Incremental Finite Element Analysis. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2013 , 80,	2.7	23
114	A new lamination theory for layered textile composites that account for manufacturing induced effects. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009 , 40, 1991-2003	8.4	23
113	Closed-form solutions for cohesive zone modeling of delamination toughness tests. <i>International Journal of Solids and Structures</i> , 2016 , 88-89, 379-400	3.1	22
112	2D elastic analysis of the sandwich panel buckling problem: benchmark solutions and accurate finite element formulations. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2010 , 61, 897-917	1.6	21
111	Microplane Model for Fracturing Damage of Triaxially Braided Fiber-Polymer Composites. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2011 , 133,	1.8	18

110	In Situ Matrix Shear Response Using Torsional Test Data of Fiber Reinforced Unidirectional Polymer Composites. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2002 , 124, 152-159	1.8	18
109	Multiscale static analysis of notched and unnotched laminates using the generalized method of cells. <i>Journal of Composite Materials</i> , 2017 , 51, 1433-1454	2.7	17
108	Particle-toughened interlayers enhance mechanical response of composite laminates. <i>Composites Science and Technology</i> , 2019 , 182, 107761	8.6	17
107	Estimating the process zone length of fracture tests used in characterizing composites. <i>International Journal of Solids and Structures</i> , 2016 , 100-101, 111-126	3.1	17
106	Experimental study on the compression-after-impact behavior of foam-core sandwich panels. <i>Journal of Sandwich Structures and Materials</i> , 2015 , 17, 446-465	2.1	17
105	Effects of Matrix Microcracking on the Response of 2D Braided Textile Composites Subjected to Compression Loads. <i>Journal of Composite Materials</i> , 2010 , 44, 221-240	2.7	17
104	Compressive response of hybrid 3D woven textile composites (H3DWTCs): An experimentally validated computational model. <i>Journal of the Mechanics and Physics of Solids</i> , 2019 , 122, 381-405	5	17
103	Delamination buckling; Experiment and analysis. <i>International Journal of Solids and Structures</i> , 1995 , 32, 767-782	3.1	16
102	Probabilistic defect analysis of fiber reinforced composites using kriging and support vector machine based surrogates. <i>Composite Structures</i> , 2018 , 195, 186-198	5.3	14
101	Damage and failure modelling of hybrid three-dimensional textile composites: a mesh objective multi-scale approach. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374, 20160036	3	14
100	A Spring Foundation Model for Mode I Failure of Laminated Composites Based on an Energy Criterion. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 1994 , 116, 512-516	1.8	14
99	(varvec{N})-Layer concentric cylinder model (NCYL): an extended micromechanics-based multiscale model for nonlinear composites. <i>Acta Mechanica</i> , 2017 , 228, 275-306	2.1	13
98	Investigation of progressive damage and fracture in laminated composites using the smeared crack approach 2012 ,		13
97	Modeling damage growth using the crack band model; effect of different strain measures. <i>Engineering Fracture Mechanics</i> , 2016 , 152, 126-138	4.2	12
96	Numerical investigation of composite laminates subject to low-velocity edge-on impact and compression after impact. <i>Composite Structures</i> , 2018 , 203, 648-658	5.3	12
95	Experimental Investigation on the Deformation Response of Hybrid 3D Woven Composites 2012 ,		12
94	Energy absorption and damage propagation in 2D triaxially braided carbon fiber composites: effects of in situ matrix properties. <i>Journal of Materials Science</i> , 2008 , 43, 5168-5184	4.3	12
93	Multiple solutions in cohesive zone models of fracture. <i>Engineering Fracture Mechanics</i> , 2017 , 177, 104-122	1.2	11

92	Influence of Unit Cell Size and Fiber Packing on the Transverse Tensile Response of Fiber Reinforced Composites. <i>Materials</i> , 2019 , 12,	3.5	11
91	A Unified Model for Predicting the Open Hole Tensile and Compressive Strengths of Composite Laminates for Aerospace Applications 2013 ,		11
90	Elastic imperfection sensitivity of hexagonally packed circular cell honeycombs. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2002 , 458, 2851-2868	2.4	11
89	Influence of hole eccentricity on failure progression in a double shear bolted joint (DSBJ). <i>Composites Science and Technology</i> , 2018 , 168, 179-187	8.6	11
88	Intra-inter Crack Band Model (I2CBM) for Progressive Damage and Failure Analysis of Joints 2017 ,		10
87	Analytical predictions of delamination threshold load of laminated composite plates subject to flexural loading. <i>Composite Structures</i> , 2017 , 179, 181-194	5.3	10
86	Effect of the curing process on the transverse tensile strength of fiber-reinforced polymer matrix lamina using micromechanics computations. <i>Integrating Materials and Manufacturing Innovation</i> , 2015 , 4, 119-136	2.9	10
85	Dynamic axial crush response of circular cell honeycombs. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2012 , 468, 2981-3005	2.4	10
84	Application of continuum decohesive finite element to progressive failure analysis of composite materials. <i>Composite Structures</i> , 2019 , 212, 365-380	5.3	10
83	Fatigue analysis of notched laminates: A time-efficient macro-mechanical approach. <i>Journal of Composite Materials</i> , 2017 , 51, 2163-2180	2.7	9
82	Prediction of Low-Velocity Face-on Impact Response and Compression after Impact (CAI) of Composite Laminates using EST and Cohesive Modeling (DCZM) 2018 ,		8
81	Prediction of Low-Velocity Face-on Impact Response of Composite Laminates using High-Fidelity Finite Element Modeling Techniques 2016 ,		8
80	A bonded joint finite element for a symmetric double lap joint subjected to mechanical and thermal loads. <i>International Journal for Numerical Methods in Engineering</i> , 2009 , 79, 94-126	2.4	8
79	The effect of stacking sequence on the LVI damage of laminated composites; experiments and analysis. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 145, 106377	8.4	8
78	Compressive splitting failure of composites using modified shear lag theory. <i>International Journal of Fracture</i> , 2002 , 115, 27-40	2.3	7
77	NEUTRAL CUTOUTS IN LAMINATED PLATES. <i>Mechanics of Advanced Materials and Structures</i> , 1995 , 2, 71-89	1.8	7
76	MECHANICS OF INJURY TO MUSCLE FIBERS. <i>Journal of Mechanics in Medicine and Biology</i> , 2007 , 07, 381-394		6
75	The Effective Isotropic Moduli of Random Fibrous Composites, Platelet Composites, and Foamed Solids. <i>Mechanics of Advanced Materials and Structures</i> , 2004 , 11, 151-173	1.8	6

74	Rate-dependent compressive behavior of unidirectional carbon fiber composites. <i>Polymer Composites</i> , 2004 , 25, 397-406	3	6
73	Accelerating computational analyses of low velocity impact and compression after impact of laminated composite materials. <i>Composite Structures</i> , 2021 , 260, 113456	5.3	6
72	An Experimental and Computational Study on the Low Velocity Impact-Induced Damage of a Highly Anisotropic Laminated Composite Panel. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2021 , 88,	2.7	6
71	Compressive Failure of Fiber Composites: A Homogenized, Mesh-Independent Model. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2018 , 85,	2.7	5
70	Mesh-objective two-scale finite element analysis of damage and failure in ceramic matrix composites. <i>Integrating Materials and Manufacturing Innovation</i> , 2015 , 4, 63-80	2.9	5
69	Time-dependent lateral transmission of force in skeletal muscle. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2009 , 465, 2441-2460	2.4	5
68	Experiments and Cohesive Zone Model Parameters for T650/AFR-PE-4/FM680-1 at High Temperatures. <i>Journal of Aerospace Engineering</i> , 2011 , 24, 285-297	1.4	5
67	Compressive failure of notched uniply composite laminates. <i>Composites Part B: Engineering</i> , 1998 , 29, 75-80	10	5
66	Concepts and definitions related to mechanical behavior of fiber reinforced composite materials. <i>Composites Science and Technology</i> , 2022 , 217, 109081	8.6	5
65	Experimental and High-fidelity Computational Investigations on the Low Velocity Impact Damage of Laminated Composite Materials 2020 ,		5
64	Experimental and numerical study on the tensile failure behavior of toughened-interlayer composite laminates with automated fiber placement (AFP) induced gap and overlap defects. <i>International Journal of Material Forming</i> , 2021 , 14, 105-119	2	5
63	Influence of Automated Fiber Placement (AFP) Manufacturing Signature on the Mechanical Performance of a Composite 2020 ,		4
62	Thermomechanical Behavior of a Damaged Thermal Protection System: Finite-Element Simulations. <i>Journal of Aerospace Engineering</i> , 2012 , 25, 90-102	1.4	4
61	Compressive failure due to kink band formation in the presence of transverse loading, and accounting for mesoscale and microscale misalignment. <i>Composite Structures</i> , 2021 , 265, 113760	5.3	4
60	Particle Toughened Interfaces Enhance Mechanical Response of Composites 2019 ,		4
59	Progressive Failure Analysis on Textile Composites 2014 ,		3
58	Effect of soft segment and clay volume fraction on rate dependent damping of polyurethane and polyurethane-clay nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2014 , 33, 2129-2135	2.9	3
57	Micromechanical Analyses of Instabilities in Braided Glass Textile Composites. <i>AIAA Journal</i> , 2003 , 41, 2069-2076	2.1	3

56	Optimal fiber paths for robotically manufactured composite structural panels. <i>International Journal of Non-Linear Mechanics</i> , 2020 , 126, 103567	2.8	3
55	Experimental and Numerical Study on Low Velocity Impact Damage of a Shear Dominated Composite Laminate 2019 ,		3
54	Understanding defect structures in nanoscale metal additive manufacturing via molecular dynamics. <i>Computational Materials Science</i> , 2021 , 200, 110807	3.2	3
53	Multiscale fatigue modeling of composites 2019 ,		2
52	Multiscale analysis of notched fiber reinforced laminates. <i>Composites Part B: Engineering</i> , 2019 , 173, 106986	2.8	2
51	Optimal steered fiber paths for maximizing biaxial buckling load of a flat plate manufactured using AFP 2020 ,		2
50	Multi Scale Progressive Damage and Failure Analysis of Bolted Joints 2018 ,		2
49	Using the Continuum Decohesive Finite Element for Crack Growth Analysis in Fiber Reinforced Composites 2018 ,		2
48	Compressive Failure of Fiber Composites: A Homogenized, Mesh Independent Model 2018 ,		2
47	Prediction of Delamination Area of Laminated Composite Under Low Velocity Impact Based on Experimentally Validated Finite Element Modeling and Machine Learning Methods		2
46	EXPERIMENTAL ANALYSIS OF LOW VELOCITY IMPACT NEAR THE BVID LIMIT ON CARBON FIBER REINFORCED POLYMER PANELS 2021 ,		2
45	EXPERIMENTAL STUDY ON DYNAMIC COMPRESSIVE FAILURE OF UNIDIRECTIONAL CFRP COMPOSITES. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 1999 , 48, 202-205	0.1	2
44	On the use of non traditional stacking to maximize critical buckling loads in flat composite panels. <i>Composite Structures</i> , 2021 , 261, 113320	5.3	2
43	A Comprehensive Experimental and Computational Study on LVI induced Damage of Laminated Composites 2021 ,		2
42	Effect of Automated Fiber Placement (AFP) Manufacturing Signature on Mechanical Performance 2019 ,		1
41	Hemitropic properties of thin non-centrosymmetric 3D woven textile composites. <i>Composites Science and Technology</i> , 2019 , 181, 107657	8.6	1
40	Multiscale modeling of tensile fracture in fiber reinforced composites. <i>Composites Part C: Open Access</i> , 2020 , 2, 100016	1.6	1
39	A novel mode-dependent and probabilistic semi-discrete damage model for progressive failure analysis of composite laminates - Part I: Meshing strategy and mixed-mode law. <i>Composites Part C: Open Access</i> , 2020 , 3, 100073	1.6	1

38	Integrated Computational Modeling for Efficient Material and Process Design for Composite Aerospace Structures 2020 ,		1
37	A Three-Phase Shear-Lag Model for Longitudinal Cracking of a Ceramic Matrix Composite Ply With Thick Fiber Coatings. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2016 , 83,	2.7	1
36	Micromechanical Progressive Failure Analysis of Fiber-Reinforced Composite Using Refined Beam Models 2017 ,		1
35	Experimental Analysis of Low Velocity Impact on Carbon Fiber Reinforced Polymer (CFRP) Composite Panels 2022 ,		1
34	Influence of input parameters on Barely Visible Impact Damage (BVID) simulation 2022 ,		1
33	More about Stress and Strain, and Material Properties 347-366		1
32	High-fidelity Progressive Failure Analysis of the Open Hole Tensile (OHT) Behavior of Composite Laminates with a Novel Semi-discrete Method 2021 ,		1
31	Experimental and Numerical Investigation on the Low Velocity Impact Response of a Highly Anisotropic Composite Panel 2021 ,		1
30	Postbuckling response of unitized stiffened textile composite panels: Experiments. <i>International Journal of Non-Linear Mechanics</i> , 2021 , 137, 103814	2.8	1
29	Low velocity impact and compressive response after impact of thin carbon fiber composite panels. <i>International Journal of Solids and Structures</i> , 2022 , 111604	3.1	1
28	A novel mode-dependent and probabilistic semi-discrete damage model for progressive failure analysis of composite laminates - Part II: Applications to unnotched and open-hole tensile specimens. <i>Composites Part C: Open Access</i> , 2020 , 3, 100071	1.6	0
27	Modeling delamination migration in composite laminates using an enhanced semi-discrete damage model (eSD2M). <i>International Journal of Solids and Structures</i> , 2022 , 236-237, 111323	3.1	0
26	Detailed experimental and numerical investigation of single-edge notched tensile cross-ply laminates. <i>Composite Structures</i> , 2022 , 279, 114731	5.3	0
25	Summary and concluding remarks. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016 , 374, 20160075	3	0
24	A micromechanics-driven model for compressive fatigue of fiber-reinforced composites. <i>Journal of Reinforced Plastics and Composites</i> , 073168442110666	2.9	0
23	Steered fiber paths for improved in-plane compressive response of aerostructural panels: Experimental studies and numerical modeling. <i>Composite Structures</i> , 2022 , 289, 115426	5.3	0
22	Experimental study on the panel size effects of the low velocity impact (LVI) and compression after impact (CAI) of laminated composites, part II: CAI. <i>Composite Structures</i> , 2022 , 115824	5.3	0
21	Work and Energy Methods Virtual Work 2011 , 417-437		

20 PROGRESSIVE FAILURE IN COMPRESSIVELY LOADED COMPOSITE LAMINATED PANELS:
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2 Multiscale modelling of open-hole composite laminates and three-dimensional woven composites
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1 Postbuckling response of unitized stiffened textile composite panels: Computational modeling.
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