

# Andrea Manes

## List of Publications by Year in descending order

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135  
papers

2,298  
citations

201674

27  
h-index

276875

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135  
all docs

135  
docs citations

135  
times ranked

1506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on sandwich core properties through an experimentalâ€“numerical approach. Composites Part B: Engineering, 2012, 43, 361-374.	12.0	96
2	Experimental tests and numerical modelling of ballistic impacts against Kevlar 29 plain-woven fabrics with an epoxy matrix: Macro-homogeneous and Meso-heterogeneous approaches. Composites Part B: Engineering, 2016, 88, 114-130.	12.0	96
3	Numerical investigation of a three point bending test on sandwich panels with aluminum skins and Nomexâ„¢ honeycomb core. Computational Materials Science, 2012, 56, 69-78.	3.0	89
4	Ductile fracture locus of Tiâ€“6Alâ€“4V titanium alloy. International Journal of Mechanical Sciences, 2012, 54, 121-135.	6.7	86
5	Analysis of strain rate behavior of an Al 6061 T6 alloy. Procedia Engineering, 2011, 10, 3477-3482.	1.2	71
6	Predicting ballistic impact failure of aluminium 6061-T6 with the rate-independent Baoâ€“Wierzbicki fracture model. International Journal of Impact Engineering, 2015, 76, 207-220.	5.0	70
7	Compression after impact test (CAI) on NOMEXâ„¢ honeycomb sandwich panels with thin aluminum skins. Composites Part B: Engineering, 2014, 67, 313-325.	12.0	67
8	Life prediction of a wire rope subjected to axial and bending loads. Engineering Failure Analysis, 2005, 12, 549-568.	4.0	64
9	Numerical study on the dynamic progressive failure due to low-velocity repeated impacts in thin CFRP laminated composite plates. Thin-Walled Structures, 2021, 167, 108220.	5.3	52
10	Perforation and penetration of aluminium target plates by armour piercing bullets. International Journal of Impact Engineering, 2014, 69, 39-54.	5.0	51
11	An experimentalâ€“numerical investigation on aluminium tubes subjected to ballistic impact with soft core 7.62 ball projectiles. Thin-Walled Structures, 2013, 73, 68-80.	5.3	49
12	Application of sensor technologies for local and distributed structural health monitoring. Structural Control and Health Monitoring, 2014, 21, 1057-1083.	4.0	44
13	Effect of riveting process parameters on the local stress field of a T-joint. International Journal of Mechanical Sciences, 2011, 53, 1039-1049.	6.7	42
14	Influence of projectile and thickness on the ballistic behavior of aramid composites: Experimental and numerical study. International Journal of Impact Engineering, 2019, 132, 103307.	5.0	42
15	Performance optimization of a diagnostic system based upon a simulated strain field for fatigue damage characterization. Mechanical Systems and Signal Processing, 2013, 40, 667-690.	8.0	39
16	Real-Time Prognosis of Crack Growth Evolution Using Sequential Monte Carlo Methods and Statistical Model Parameters. IEEE Transactions on Reliability, 2015, 64, 736-753.	4.6	39
17	FE coupled to SPH numerical model for the simulation of high-velocity impact on ceramic based ballistic shields. Ceramics International, 2020, 46, 23760-23772.	4.8	39
18	An experimental and numerical study for the damage characterization of a Tiâ€“6Alâ€“4V titanium alloy. International Journal of Mechanical Sciences, 2015, 93, 32-47.	6.7	38

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19	Analytical and numerical modelling of high-velocity impact on multilayer alumina/aramid fiber composite ballistic shields: Improvement in modelling approaches. <i>Composites Part B: Engineering</i> , 2020, 187, 107830.	12.0	37
20	Experimental and numerical investigations of low velocity impact on sandwich panels. <i>Composite Structures</i> , 2013, 99, 8-18.	5.8	36
21	Sequential Monte-Carlo sampling based on a committee of artificial neural networks for posterior state estimation and residual lifetime prediction. <i>International Journal of Fatigue</i> , 2016, 83, 10-23.	5.7	36
22	Ballistic strain-rate-dependent material modelling of glass-fibre woven composite based on the prediction of a meso-heterogeneous approach. <i>Composite Structures</i> , 2019, 216, 187-200.	5.8	35
23	Numerical modelling to reproduce fragmentation of a tungsten heavy alloy projectile impacting a ceramic tile: Adaptive solid mesh to the SPH technique and the cohesive law. <i>International Journal of Impact Engineering</i> , 2016, 87, 3-13.	5.0	34
24	Analytical model of the dynamic behaviour of CFRP plates subjected to low-velocity impacts. <i>Composites Part B: Engineering</i> , 2018, 142, 47-55.	12.0	34
25	Testing and numerical simulation of a medium strength rock material under unconfined compression loading. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2018, 10, 197-211.	8.1	33
26	Investigation into different numerical methods in predicting the response of aluminosilicate glass under quasi-static and impact loading conditions. <i>International Journal of Mechanical Sciences</i> , 2021, 196, 106286.	6.7	33
27	Strain and crack growth sensing capability of SWCNT reinforced epoxy in tensile and mode I fracture tests. <i>Composites Science and Technology</i> , 2020, 186, 107918.	7.8	32
28	Metallographic characterisation of Al6061-T6 aluminium plates subjected to ballistic impact. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 608, 207-220.	5.6	30
29	On Dynamic State-Space models for fatigue-induced structural degradation. <i>International Journal of Fatigue</i> , 2014, 61, 202-219.	5.7	28
30	Ballistic Performance of Multi-layered Fabric Composite Plates Impacted by Different 7.62mm Calibre Projectiles. <i>Procedia Engineering</i> , 2014, 88, 208-215.	1.2	26
31	Behaviour of Al6061-T6 alloy at different temperatures and strain-rates: Experimental characterization and material modelling. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 734, 318-328.	5.6	26
32	An analytical model for ballistic impacts against plain-woven fabrics with a polymeric matrix. <i>International Journal of Impact Engineering</i> , 2015, 78, 138-149.	5.0	25
33	An experimental and numerical investigation of highly strong and tough epoxy based nanocomposite by addition of MWCNTs: Tensile and mode I fracture tests. <i>Composite Structures</i> , 2020, 252, 112692.	5.8	25
34	Numerical modeling of the tool-rock penetration process using FEM coupled with SPH technique. <i>Journal of Petroleum Science and Engineering</i> , 2020, 189, 107008.	4.2	25
35	An evaluation of Cuntze and Puck inter fibre failure criteria in simulation of thin CFRP plates subjected to low velocity impact. <i>Composite Structures</i> , 2021, 278, 114654.	5.8	25
36	Bending fatigue tests on a metallic wire rope for aircraft rescue hoists. <i>Engineering Failure Analysis</i> , 2003, 10, 223-235.	4.0	24

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37	Crack propagation on helicopter panel: Experimental test and analysis. <i>Engineering Fracture Mechanics</i> , 2008, 75, 866-879.	4.3	22
38	The behaviour of an offshore steel pipeline material subjected to bending and stretching. <i>Ships and Offshore Structures</i> , 2012, 7, 371-387.	1.9	22
39	A study of a micro-indentation technique for estimating the fracture toughness of Al6061-T6. <i>Mechanics Research Communications</i> , 2014, 58, 10-16.	1.8	22
40	An analytical model for ballistic impacts against ceramic tiles. <i>Ceramics International</i> , 2018, 44, 21249-21261.	4.8	22
41	In-plane Permeability and Mechanical Properties of R-Glass/Aramid Hybrid Composites. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 4484-4492.	2.5	21
42	Numerical investigation on the hybridization effect in inter-ply S2-glass and aramid woven composites subjected to ballistic impacts. <i>Composite Structures</i> , 2021, 276, 114506.	5.8	21
43	Investigation of mechanical behaviour of a quasi-brittle material using Karagozian and Case concrete (KCC) model. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 1119-1137.	8.1	19
44	Numerical simulation of the slant fracture of a helicopter's rotor hub with ductile damage failure criteria. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2012, 35, 317-327.	3.4	18
45	Investigation of the mechanical behaviour of lithium-ion batteries by an indentation technique. <i>International Journal of Mechanical Sciences</i> , 2016, 105, 1-10.	6.7	18
46	Numerical study of static and dynamic fracture behaviours of neat epoxy resin. <i>Mechanics of Materials</i> , 2020, 140, 103214.	3.2	18
47	Experimental and numerical evaluation of the perforation resistance of multi-layered alumina/aramid fiber ballistic shield impacted by an armor piercing projectile. <i>Composites Part B: Engineering</i> , 2022, 230, 109488.	12.0	18
48	Terminal ballistic effect on the crack growth assessment of a helicopter rotor drive. <i>Engineering Fracture Mechanics</i> , 2011, 78, 1542-1554.	4.3	16
49	Mechanical properties at high strain-rate of lead core and brass jacket of a NATO 7.62 mm ball bullet. <i>EPJ Web of Conferences</i> , 2012, 26, 01060.	0.3	16
50	An investigation into mechanical properties of the nanocomposite with aligned CNT by means of electrical conductivity. <i>Composites Science and Technology</i> , 2020, 188, 107993.	7.8	15
51	Discrete fracture and size effect of aluminosilicate glass under flexural loading: Monte Carlo simulations and experimental validation. <i>Theoretical and Applied Fracture Mechanics</i> , 2021, 111, 102864.	4.7	15
52	Multiscale modelling approach for simulating low velocity impact tests of aramid-epoxy composite with nanofillers. <i>European Journal of Mechanics, A/Solids</i> , 2021, 90, 104286.	3.7	15
53	The effect of thickness on vacuum infusion processing of aramid/epoxy composites for ballistic application. <i>Journal of Composite Materials</i> , 2019, 53, 383-391.	2.4	14
54	Quasi-static and low-velocity impact biaxial flexural fracture of aluminosilicate glass – An experimental and numerical study. <i>Thin-Walled Structures</i> , 2021, 165, 107939.	5.3	14

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55	Experimental study on the low-velocity impact response of inter-ply S2-glass/aramid woven fabric hybrid laminates. <i>Thin-Walled Structures</i> , 2022, 177, 109458.	5.3	14
56	Two different modelling approaches for fabric composites subjected to ballistic impact. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 406, 012051.	0.6	13
57	High-Velocity Impact Behavior of Aramid/S2-Glass Interply Hybrid Laminates. <i>Applied Composite Materials</i> , 2021, 28, 1899-1917.	2.5	12
58	3D fatigue crack propagation analysis of a helicopter component. <i>International Journal of Materials and Product Technology</i> , 2007, 30, 107.	0.2	11
59	Investigation about the influence of the mechanical properties of lead core and brass jacket of a NATO 7.62 mm ball bullet in numerical simulations of ballistic impacts. <i>EPJ Web of Conferences</i> , 2012, 26, 04010.	0.3	11
60	The numerical modelling of a middle strength rock material under Flexural test by Finite Element method-coupled to-SPH. <i>Procedia Structural Integrity</i> , 2017, 3, 395-401.	0.8	11
61	Analytical Model of High-Velocity Impact of a Deformable Projectile Against Textile-Based Composites. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 3247-3255.	2.5	10
62	Experimental and numerical investigation on the perforation resistance of double-layered metal shields under high-velocity impact of soft-core projectiles. <i>Engineering Structures</i> , 2021, 228, 111467.	5.3	10
63	Effect of fibre bundle uncertainty on the tensile and shear behaviour of plain-woven composites. <i>Composite Structures</i> , 2021, 259, 113440.	5.8	10
64	Investigation on the Fatigue Life of an Al 8090 Helicopter Riveted T-Joint. <i>Journal of Aircraft</i> , 2011, 48, 315-323.	2.4	9
65	A modified peridynamic method to model the fracture behaviour of nanocomposites. <i>Engineering Fracture Mechanics</i> , 2021, 247, 107614.	4.3	9
66	Four-point bending test on a middle strength rock: numerical and experimental investigations. <i>Frattura Ed Integrita Strutturale</i> , 2017, 11, 504-523.	0.9	9
67	A constitutive equation for the behaviour of a mountaineering rope under stretching during a climber's fall. <i>Procedia Engineering</i> , 2011, 10, 3353-3358.	1.2	8
68	Microstructural investigation on an Al 6061 T6 alloy subjected to ballistic impact C. <i>Procedia Engineering</i> , 2011, 10, 3447-3452.	1.2	8
69	Numerical simulation of a fracture toughness test of an Al6061-T6 aluminium alloy using a ductile criterion. <i>Mechanics Research Communications</i> , 2014, 58, 2-9.	1.8	8
70	Analytical and empirical methods for the characterisation of the permanent transverse displacement of quadrangular metal plates subjected to blast load: Comparison of existing methods and development of a novel methodological approach. <i>International Journal of Impact Engineering</i> , 2021, 154, 103890.	5.0	8
71	Numerical modelling of crack growth profiles in integral skin-stringer panels. <i>Engineering Fracture Mechanics</i> , 2011, 78, 1341-1352.	4.3	7
72	Failure analysis of a composite main rotor helicopter hub. <i>Engineering Failure Analysis</i> , 2011, 18, 97-109.	4.0	7

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73	An Enhanced Material Model for the Simulation of High-Velocity Impact on Fiber-Reinforced Composites. <i>Procedia Structural Integrity</i> , 2019, 24, 53-65.	0.8	7
74	Experimental and Numerical Investigation on the Perforation Resistance of Double-Layered Metal Shield under High-Velocity Impact of Armor-Piercing Projectiles. <i>Materials</i> , 2021, 14, 626.	2.9	7
75	Numerical Investigation of the Effect of Open Holes on the Impact Response of CFRP Laminates. <i>Applied Composite Materials</i> , 2022, 29, 1555-1578.	2.5	7
76	Digital filtering of acceleration data acquired during the intervention of a lift safety gears. <i>Measurement: Journal of the International Measurement Confederation</i> , 2010, 43, 455-468.	5.0	6
77	Identification of damage parameters for Ti-6Al-4V titanium alloy using continuum damage mechanics. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2012, 43, 435-440.	0.9	6
78	Modelling and Experimental Testing of Thick CFRP Composites Subjected to Low Velocity Impacts. <i>Procedia Structural Integrity</i> , 2019, 24, 101-109.	0.8	6
79	Vulnerability assessment to projectiles: Approach definition and application to helicopter platforms. <i>Defence Technology</i> , 2022, 18, 1523-1537.	4.2	6
80	A cohesive-based method to bridge the strain rate effect and defects of RTM-6 epoxy resin under tensile loading. <i>Procedia Structural Integrity</i> , 2020, 28, 1193-1203.	0.8	6
81	Effect of chemical strengthening residual stress on the flexural performance and fracture behavior of aluminosilicate glass. <i>Engineering Fracture Mechanics</i> , 2021, 258, 108104.	4.3	6
82	A numerical investigation on significant parameters influencing the flatwise compressive behaviour of a Nomex <sup>TM</sup> Honeycomb. <i>Procedia Engineering</i> , 2011, 10, 3441-3446.	1.2	5
83	Real-time prognosis of random loaded structures via Bayesian filtering: A preliminary discussion. <i>Engineering Fracture Mechanics</i> , 2015, 145, 143-160.	4.3	5
84	Low velocity impact response of R-glass/epoxy composites produced by vacuum infusion. <i>Multiscale and Multidisciplinary Modeling, Experiments and Design</i> , 2019, 2, 89-96.	2.1	5
85	Fatigue crack propagation in a helicopter component subjected to impact damage. <i>Defence Technology</i> , 2021, 17, 416-428.	4.2	5
86	Influence of hybridization on the mechanical and dynamic mechanical properties of aramid/S2-glass hybrid laminates. <i>Materials Today Communications</i> , 2022, 32, 104021.	1.9	5
87	Reverse Engineering of Experimental Tests Results of Ballistic Impact for the Validation of Finite Element Simulations. , 2010, , .		4
88	Survey about effects of shot peening conditions on fatigue performances of Ti-6Al-4V mechanical specimens featured by different cross-section geometries. <i>Materials Science and Technology</i> , 2012, 28, 543-548.	1.6	4
89	Relation between Ductile Fracture Locus and Deformation of Phases in Ti-6Al-4V Alloy. <i>ISIJ International</i> , 2013, 53, 2250-2258.	1.4	4
90	Finite Element Modelling of a Parabolic Trough Collector for Concentrated Solar Power. <i>Energies</i> , 2021, 14, 209.	3.1	4

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91	A fast fracture plane orientation search algorithm for Puck's 3D IFF criterion for UD composites. <i>Materials Today Communications</i> , 2021, 28, 102700.	1.9	4
92	ANN based Bayesian hierarchical model for crack detection and localization over helicopter fuselage panels. , 2011, , 378-385.		4
93	Stress analysis and fracture simulation of aluminosilicate glass plates under Ring-On-Ring loading. <i>Forces in Mechanics</i> , 2021, 5, 100047.	2.8	4
94	Numerical investigation on the uniaxial compressive behaviour of an epoxy resin and a nanocomposite. <i>European Journal of Mechanics, A/Solids</i> , 2022, 92, 104500.	3.7	4
95	Protection Effect on a Ballistic Impact of NATO 7.62 Ball Bullet into Helicopter Drive Shaft: Numerical Simulation. <i>Applied Mechanics and Materials</i> , 0, 82, 710-715.	0.2	3
96	Use of numerical simulations in damage assessment due to high velocity impacts. <i>International Journal of Materials and Structural Integrity</i> , 2013, 7, 215.	0.1	3
97	Continuous Crack Growth Monitoring and Residual Life Prediction under Variable-amplitude Loading Conditions. <i>Procedia Engineering</i> , 2014, 74, 343-346.	1.2	3
98	The effect of mesh morphologies on the mesoscale Finite Element modelling of woven composites. <i>Procedia Structural Integrity</i> , 2019, 24, 80-90.	0.8	3
99	Laser Scanner-Based 3D Digitization for the Reflective Shape Measurement of a Parabolic Trough Collector. <i>Energies</i> , 2020, 13, 5607.	3.1	3
100	Numerical simulation of high-velocity impact on fiber-reinforced composites using MAT_162. <i>Material Design and Processing Communications</i> , 2021, 3, e163.	0.9	3
101	Mechanical Behaviour of Al 6061-T6 Aluminium Alloy Under Large Strain and Failure. <i>Advanced Structured Materials</i> , 2014, , 143-171.	0.5	3
102	An Approach for Material Model Identification of a Composite Coating Using Micro-Indentation and Multi-Scale Simulations. <i>Coatings</i> , 2022, 12, 92.	2.6	3
103	Micro-Scale Analysis and Simulation on the behavior of a component in Al-6061 during ballistic impact: 3D acquisition and FE model. <i>Procedia Engineering</i> , 2011, 10, 3435-3440.	1.2	2
104	An experimental investigation of the effect of the placement angle on the collapse of ice screw anchors. <i>Engineering Failure Analysis</i> , 2012, 26, 139-150.	4.0	2
105	On the Integration of Real-Time Diagnosis and Prognosis for Scheduled Maintenance Optimization. <i>Key Engineering Materials</i> , 0, 569-570, 1044-1051.	0.4	2
106	Geometry Transferability of Lemaitre's Continuum Damage Mechanics Model in the Plane Stress Specimens. <i>Key Engineering Materials</i> , 0, 592-593, 266-270.	0.4	2
107	Artificial Neural Networks for Structural Health Monitoring of Helicopter Harsh Landings. <i>Applied Mechanics and Materials</i> , 0, 390, 192-197.	0.2	2
108	Helicopter Harsh Landing Events: A Computational Hybrid Methodology to Estimate Fuselage Damage. <i>Journal of Aircraft</i> , 2013, 50, 1896-1907.	2.4	2

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109	Real-time Sequential Monte Carlo Sampling based on a Committee of Artificial Neural Networks for Residual Lifetime Prediction of a Component Subjected to Fatigue Crack Growth. <i>Procedia Engineering</i> , 2014, 74, 347-351.	1.2	2
110	Experimental Investigation on the Mechanical Behavior of an Innovative Parabolic Trough Collector. <i>Energies</i> , 2019, 12, 4438.	3.1	2
111	Fuzzy expert aircraft onboard control systems assistant. , 2013, , 1063-1068.		2
112	Comparison of Fatigue Crack Propagation Behavior of Al 2024 and Al-Li 8090 Helicopter Fuselage Panels. <i>Journal of Testing and Evaluation</i> , 2010, 38, 73-82.	0.7	2
113	Material Model Characterization of a Ti/SiC Metal Matrix Nanocomposite Coating Subjected to Hypervelocity Impact. <i>Procedia Structural Integrity</i> , 2020, 28, 525-537.	0.8	2
114	Investigation of the biaxial flexural fracture of aluminosilicate glass by smeared fixed crack method. <i>Procedia Structural Integrity</i> , 2021, 33, 337-346.	0.8	2
115	A method for determining the distribution of carbon nanotubes in nanocomposites by electric conductivity. <i>Procedia Structural Integrity</i> , 2022, 37, 105-114.	0.8	2
116	Experimental and numerical damage evaluation of a lift safety gear. <i>International Journal of Materials and Structural Integrity</i> , 2008, 2, 291.	0.1	1
117	Effect of cold driving process on fatigue life of helicopter fuselage joints. <i>Procedia Engineering</i> , 2010, 2, 639-647.	1.2	1
118	Crystallographic Analysis of Specimens Used for Calibrate a Failure Model for an Al 6061 -T6 Alloy. <i>Key Engineering Materials</i> , 0, 488-489, 89-92.	0.4	1
119	Determining Elastic-Plastic Properties of Al6061-T6 from Micro-Indentation Technique. <i>Key Engineering Materials</i> , 0, 592-593, 610-613.	0.4	1
120	MEMS for structural health monitoring in aircraft. , 2013, , 220-244.		1
121	Effect of Triaxiality and Lode Angle on the Plasticity Behaviour of a Ti-6Al-4V Titanium Alloy. <i>Key Engineering Materials</i> , 0, 577-578, 413-416.	0.4	1
122	An analysis of copper film mechanical properties by means of nanoindentation technique. , 2014, , .		1
123	Numerical Calculation of Crack Parameters for Propagation Assessment in a Complex Component with Residual Stresses. <i>Procedia Engineering</i> , 2014, 74, 360-367.	1.2	1
124	Experimental testing and Numerical modelling of a Kevlar woven - epoxy matrix composite subjected to a punch test. <i>Procedia Structural Integrity</i> , 2019, 24, 3-10.	0.8	1
125	A comparison of state-based peridynamics and solid mesh to SPH conversion techniques to reproduce fragmentation of a ceramic tile subject to ballistic impact. <i>Procedia Structural Integrity</i> , 2019, 24, 40-52.	0.8	1
126	Calibration of the material parameters of a CFRP laminate for numerical simulations. <i>Journal of Composite Materials</i> , 2020, 54, 2313-2326.	2.4	1



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127	Inhomogeneous FEM model for fracture simulation of aluminosilicate glass. <i>Procedia Structural Integrity</i> , 2020, 28, 266-278.	0.8	1
128	Effect of Flight Spectrum Loads on the Damage Tolerance Evaluation of a Helicopter Frame. <i>Advanced Structured Materials</i> , 2010, , 311-329.	0.5	1
129	Comparison of Non-Destructive Techniques for Impact Damage Area Assessment in Aramid/Epoxy Composites. , 0, , .		1
130	Damage assessment of CFRP laminate plate subjected to close-range blast loading: hydrocode methodology validation and case study. <i>Procedia Structural Integrity</i> , 2022, 37, 439-446.	0.8	1
131	Calibration of Constitutive Law and Ductile Failure Criterion for Very Thin Rectangular Al2024-T3 Aluminum Alloy Specimen. <i>Key Engineering Materials</i> , 0, 488-489, 33-36.	0.4	0
132	Structural Integrity of a Shaft Subjected to Multiaxial Fatigue Loads in Presence of Short Crack. <i>Key Engineering Materials</i> , 0, 577-578, 9-12.	0.4	0
133	Investigation on the Unconfined Compression Strength of Rocks by Experimental Tests and Advanced Numerical Modelling Technique. <i>Key Engineering Materials</i> , 2017, 754, 321-324.	0.4	0
134	Analysis of mesoscale modelling strategies for woven composites. <i>Material Design and Processing Communications</i> , 2021, 3, e145.	0.9	0
135	Assessment of the Ultimate Actual Strength of Rock-Climbing Protection Devices: Extraction Tests in the Field and the Human Capability to Predict the Ultimate Strength. <i>Muscles, Ligaments and Tendons Journal</i> , 2020, 10, 244.	0.3	0