

Andrea Manes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1190183/publications.pdf>

Version: 2024-02-01

135
papers

2,298
citations

201674

27
h-index

276875

41
g-index

135
all docs

135
docs citations

135
times ranked

1506
citing authors

#	ARTICLE	IF	CITATIONS
1	Vulnerability assessment to projectiles: Approach definition and application to helicopter platforms. <i>Defence Technology</i> , 2022, 18, 1523-1537.	4.2	6
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Fatigue crack propagation in a helicopter component subjected to impact damage. <i>Defence Technology</i> , 2021, 17, 416-428.	4.2	5
11	Analysis of mesoscale modelling strategies for woven composites. <i>Material Design and Processing Communications</i> , 2021, 3, e145.	0.9	0
12	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
13	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
14	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
15	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
16	Finite Element Modelling of a Parabolic Trough Collector for Concentrated Solar Power. <i>Energies</i> , 2021, 14, 209.	3.1	4
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	A modified peridynamic method to model the fracture behaviour of nanocomposites. <i>Engineering Fracture Mechanics</i> , 2021, 247, 107614.	4.3	9
20	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
21	High-Velocity Impact Behavior of Aramid/S2-Glass Interply Hybrid Laminates. <i>Applied Composite Materials</i> , 2021, 28, 1899-1917.	2.5	12
22	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
23	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
24	Numerical study on the dynamic progressive failure due to low-velocity repeated impacts in thin CFRP laminated composite plates. <i>Thin-Walled Structures</i> , 2021, 167, 108220.	5.3	52
25	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
26	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
27	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
28	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
29	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
30	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
31	Numerical study of static and dynamic fracture behaviours of neat epoxy resin. <i>Mechanics of Materials</i> , 2020, 140, 103214.	3.2	18
32	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
33	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
34	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
35	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
36	Inhomogeneous FEM model for fracture simulation of aluminosilicate glass. <i>Procedia Structural Integrity</i> , 2020, 28, 266-278.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Laser Scanner-Based 3D Digitization for the Reflective Shape Measurement of a Parabolic Trough Collector. <i>Energies</i> , 2020, 13, 5607.	3.1	3
38	FE coupled to SPH numerical model for the simulation of high-velocity impact on ceramic based ballistic shields. <i>Ceramics International</i> , 2020, 46, 23760-23772.	4.8	39
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Influence of projectile and thickness on the ballistic behavior of aramid composites: Experimental and numerical study. <i>International Journal of Impact Engineering</i> , 2019, 132, 103307.	5.0	42
49	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
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Experimental Investigation on the Mechanical Behavior of an Innovative Parabolic Trough Collector. <i>Energies</i> , 2019, 12, 4438.	3.1	2
57	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
58	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
59	Behaviour of Al6061-T6 alloy at different temperatures and strain-rates: Experimental characterization and material modelling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 734, 318-328.	5.6	26
60	An analytical model for ballistic impacts against ceramic tiles. <i>Ceramics International</i> , 2018, 44, 21249-21261.	4.8	22
61	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
62	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
63	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
64	Experimental tests and numerical modelling of ballistic impacts against Kevlar 29 plain-woven fabrics with an epoxy matrix: Macro-homogeneous and Meso-heterogeneous approaches. <i>Composites Part B: Engineering</i> , 2016, 88, 114-130.	12.0	96
65	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
66	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
67	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
68	An experimental and numerical study for the damage characterization of a Ti-6Al-4V titanium alloy. <i>International Journal of Mechanical Sciences</i> , 2015, 93, 32-47.	6.7	38
69	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
70	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
71	Real-Time Prognosis of Crack Growth Evolution Using Sequential Monte Carlo Methods and Statistical Model Parameters. <i>IEEE Transactions on Reliability</i> , 2015, 64, 736-753.	4.6	39
72	Predicting ballistic impact failure of aluminium 6061-T6 with the rate-independent Bao-Wierzbicki fracture model. <i>International Journal of Impact Engineering</i> , 2015, 76, 207-220.	5.0	70

#	ARTICLE	IF	CITATIONS
73	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
74	An analysis of copper film mechanical properties by means of nanoindentation technique. , 2014, , .		1
75	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
76	Application of sensor technologies for local and distributed structural health monitoring. <i>Structural Control and Health Monitoring</i> , 2014, 21, 1057-1083.	4.0	44
77	Metallographic characterisation of Al6061-T6 aluminium plates subjected to ballistic impact. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 608, 207-220.	5.6	30
78	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
79	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
80	Continuous Crack Growth Monitoring and Residual Life Prediction under Variable-amplitude Loading Conditions. <i>Procedia Engineering</i> , 2014, 74, 343-346.	1.2	3
81	Compression after impact test (CAI) on NOMEXâ„¢ honeycomb sandwich panels with thin aluminum skins. <i>Composites Part B: Engineering</i> , 2014, 67, 313-325.	12.0	67
82	Perforation and penetration of aluminium target plates by armour piercing bullets. <i>International Journal of Impact Engineering</i> , 2014, 69, 39-54.	5.0	51
83	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
84	On Dynamic State-Space models for fatigue-induced structural degradation. <i>International Journal of Fatigue</i> , 2014, 61, 202-219.	5.7	28
85	Mechanical Behaviour of Al 6061-T6 Aluminium Alloy Under Large Strain and Failure. <i>Advanced Structured Materials</i> , 2014, , 143-171.	0.5	3
86	Experimental and numerical investigations of low velocity impact on sandwich panels. <i>Composite Structures</i> , 2013, 99, 8-18.	5.8	36
87	An experimentalâ€“numerical investigation on aluminium tubes subjected to ballistic impact with soft core 7.62 ball projectiles. <i>Thin-Walled Structures</i> , 2013, 73, 68-80.	5.3	49
88	Performance optimization of a diagnostic system based upon a simulated strain field for fatigue damage characterization. <i>Mechanical Systems and Signal Processing</i> , 2013, 40, 667-690.	8.0	39
89	MEMS for structural health monitoring in aircraft. , 2013, , 220-244.		1
90	Helicopter Harsh Landing Events: A Computational Hybrid Methodology to Estimate Fuselage Damage. <i>Journal of Aircraft</i> , 2013, 50, 1896-1907.	2.4	2

#	ARTICLE	IF	CITATIONS
91	Use of numerical simulations in damage assessment due to high velocity impacts. International Journal of Materials and Structural Integrity, 2013, 7, 215.	0.1	3
92	Relation between Ductile Fracture Locus and Deformation of Phases in Ti-6Al-4V Alloy. ISIJ International, 2013, 53, 2250-2258.	1.4	4
93	Fuzzy expert aircraft onboard control systems assistant. , 2013, , 1063-1068.		2
94	Mechanical properties at high strain-rate of lead core and brass jacket of a NATO 7.62 mm ball bullet. EPJ Web of Conferences, 2012, 26, 01060.	0.3	16
95	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. EPJ Web of Conferences, 2012, 26, 04010.	0.3	11
96	Survey about effects of shot peening conditions on fatigue performances of Ti-6Al-4V mechanical specimens featured by different cross-section geometries. Materials Science and Technology, 2012, 28, 543-548.	1.6	4
97	Numerical investigation of a three point bending test on sandwich panels with aluminum skins and Nomex, honeycomb core. Computational Materials Science, 2012, 56, 69-78.	3.0	89
98	Numerical simulation of the slant fracture of a helicopter's rotor hub with ductile damage failure criteria. Fatigue and Fracture of Engineering Materials and Structures, 2012, 35, 317-327.	3.4	18
99	An experimental investigation of the effect of the placement angle on the collapse of ice screw anchors. Engineering Failure Analysis, 2012, 26, 139-150.	4.0	2
100	The behaviour of an offshore steel pipeline material subjected to bending and stretching. Ships and Offshore Structures, 2012, 7, 371-387.	1.9	22
101	Identification of damage parameters for Ti-6Al-4V titanium alloy using continuum damage mechanics. Materialwissenschaft Und Werkstofftechnik, 2012, 43, 435-440.	0.9	6
102	Investigations on sandwich core properties through an experimental-numerical approach. Composites Part B: Engineering, 2012, 43, 361-374.	12.0	96
103	Ductile fracture locus of Ti-6Al-4V titanium alloy. International Journal of Mechanical Sciences, 2012, 54, 121-135.	6.7	86
104	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
105	Terminal ballistic effect on the crack growth assessment of a helicopter rotor drive. Engineering Fracture Mechanics, 2011, 78, 1542-1554.	4.3	16
106	Numerical modelling of crack growth profiles in integral skin-stringer panels. Engineering Fracture Mechanics, 2011, 78, 1341-1352.	4.3	7
107	Failure analysis of a composite main rotor helicopter hub. Engineering Failure Analysis, 2011, 18, 97-109.	4.0	7
108	A constitutive equation for the behaviour of a mountaineering rope under stretching during a climber's fall. Procedia Engineering, 2011, 10, 3353-3358.	1.2	8

#	ARTICLE	IF	CITATIONS
109	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
110	A numerical investigation on significant parameters influencing the flatwise compressive behaviour of a Nomex TM Honeycomb. <i>Procedia Engineering</i> , 2011, 10, 3441-3446.	1.2	5
111	Microstructural investigation on an Al 6061 T6 alloy subjected to ballistic impact C. <i>Procedia Engineering</i> , 2011, 10, 3447-3452.	1.2	8
112	Analysis of strain rate behavior of an Al 6061 T6 alloy. <i>Procedia Engineering</i> , 2011, 10, 3477-3482.	1.2	71
113	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
114	ANN based Bayesian hierarchical model for crack detection and localization over helicopter fuselage panels. , 2011, , 378-385.		4
115	Reverse Engineering of Experimental Tests Results of Ballistic Impact for the Validation of Finite Element Simulations. , 2010, , .		4
116	Effect of cold driving process on fatigue life of helicopter fuselage joints. <i>Procedia Engineering</i> , 2010, 2, 639-647.	1.2	1
117	Digital filtering of acceleration data acquired during the intervention of a lift safety gears. Measurement: <i>Journal of the International Measurement Confederation</i> , 2010, 43, 455-468.	5.0	6
118	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
119	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
120	Crack propagation on helicopter panel: Experimental test and analysis. <i>Engineering Fracture Mechanics</i> , 2008, 75, 866-879.	4.3	22
121	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
122	3D fatigue crack propagation analysis of a helicopter component. <i>International Journal of Materials and Product Technology</i> , 2007, 30, 107.	0.2	11
123	Life prediction of a wire rope subjected to axial and bending loads. <i>Engineering Failure Analysis</i> , 2005, 12, 549-568.	4.0	64
124	Bending fatigue tests on a metallic wire rope for aircraft rescue hoists. <i>Engineering Failure Analysis</i> , 2003, 10, 223-235.	4.0	24
125	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
126	Crystallographic Analysis of Specimens Used for Calibrate a Failure Model for an Al 6061 ^{Li} T6 Alloy. <i>Key Engineering Materials</i> , 0, 488-489, 89-92.	0.4	1

#	ARTICLE	IF	CITATIONS
127	Calibration of Constitutive Law and Ductile Failure Criterion for Very Thin Rectangular Al2024-T3 Aluminum Alloy Specimen. Key Engineering Materials, 0, 488-489, 33-36.	0.4	0
128	On the Integration of Real-Time Diagnosis and Prognosis for Scheduled Maintenance Optimization. Key Engineering Materials, 0, 569-570, 1044-1051.	0.4	2
129	Geometry Transferability of Lemaitre's Continuum Damage Mechanics Model in the Plane Stress Specimens. Key Engineering Materials, 0, 592-593, 266-270.	0.4	2
130	Structural Integrity of a Shaft Subjected to Multiaxial Fatigue Loads in Presence of Short Crack. Key Engineering Materials, 0, 577-578, 9-12.	0.4	0
131	Determining Elastic-Plastic Properties of Al6061-T6 from Micro-Indentation Technique. Key Engineering Materials, 0, 592-593, 610-613.	0.4	1
132	Artificial Neural Networks for Structural Health Monitoring of Helicopter Harsh Landings. Applied Mechanics and Materials, 0, 390, 192-197.	0.2	2
133	Effect of Triaxiality and Lode Angle on the Plasticity Behaviour of a Ti-6Al-4V Titanium Alloy. Key Engineering Materials, 0, 577-578, 413-416.	0.4	1
134	Two different modelling approaches for fabric composites subjected to ballistic impact. IOP Conference Series: Materials Science and Engineering, 0, 406, 012051.	0.6	13
135	Comparison of Non-Destructive Techniques for Impact Damage Area Assessment in Aramid/Epoxy Composites. , 0, , .		1