

Brian L Wardle

List of Publications by Year in descending order

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137
times ranked

7046
citing authors

#	ARTICLE	IF	CITATIONS
1	DESIGN CONSIDERATIONS FOR MEMS-SCALE PIEZOELECTRIC MECHANICAL VIBRATION ENERGY HARVESTERS. Integrated Ferroelectrics, 2005, 71, 121-160.	0.3	659
2	Thermal Conduction in Aligned Carbon Nanotube-Polymer Nanocomposites with High Packing Density. ACS Nano, 2011, 5, 4818-4825.	7.3	425
3	Joining prepreg composite interfaces with aligned carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2008, 39, 1065-1070.	3.8	358
4	Interlaminar and intralaminar reinforcement of composite laminates with aligned carbon nanotubes. Composites Science and Technology, 2010, 70, 20-28.	3.8	354
5	Fabrication and Characterization of Ultrahigh-Volume-Fraction Aligned Carbon Nanotube-Polymer Composites. Advanced Materials, 2008, 20, 2707-2714.	11.1	245
6	Experimental Verification of Models for Microfabricated Piezoelectric Vibration Energy Harvesters. AIAA Journal, 2007, 45, 1126-1137.	1.5	240
7	Nanoscale Zirconia as a Nonmetallic Catalyst for Graphitization of Carbon and Growth of Single- and Multiwall Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 12144-12154.	6.6	219
8	Exposure to nanoscale particles and fibers during machining of hybrid advanced composites containing carbon nanotubes. Journal of Nanoparticle Research, 2009, 11, 231-249.	0.8	207
9	Multifunctional properties of high volume fraction aligned carbon nanotube polymer composites with controlled morphology. Composites Science and Technology, 2009, 69, 2649-2656.	3.8	181
10	High-yield growth and morphology control of aligned carbon nanotubes on ceramic fibers for multifunctional enhancement of structural composites. Carbon, 2009, 47, 551-560.	5.4	175
11	High Electromechanical Response of Ionic Polymer Actuators with Controlled-Morphology Aligned Carbon Nanotube/Nafion Nanocomposite Electrodes. Advanced Functional Materials, 2010, 20, 3266-3271.	7.8	130
12	Electrical and thermal property enhancement of fiber-reinforced polymer laminate composites through controlled implementation of multi-walled carbon nanotubes. Composites Science and Technology, 2012, 72, 2009-2015.	3.8	125
13	Layered and scrolled nanocomposites with aligned semi-infinite graphene inclusions at the platelet limit. Science, 2016, 353, 364-367.	6.0	125
14	Limiting Mechanisms of Mode I Interlaminar Toughening of Composites Reinforced with Aligned Carbon Nanotubes. Journal of Composite Materials, 2009, 43, 825-841.	1.2	112
15	Multi-scale interlaminar fracture mechanisms in woven composite laminates reinforced with aligned carbon nanotubes. Composites Science and Technology, 2014, 100, 128-135.	3.8	99
16	Particle exposure levels during CVD growth and subsequent handling of vertically-aligned carbon nanotube films. Carbon, 2008, 46, 974-977.	5.4	93
17	Advanced asymmetric supercapacitor based on conducting polymer and aligned carbon nanotubes with controlled nanomorphology. Nano Energy, 2014, 9, 176-185.	8.2	93
18	Ultrahigh-Areal-Capacitance Flexible Supercapacitor Electrodes Enabled by Conformal P3MT on Horizontally Aligned Carbon-Nanotube Arrays. Advanced Materials, 2019, 31, e1901916.	11.1	89

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19	Hierarchical carbon nanotube carbon fiber unidirectional composites with preserved tensile and interfacial properties. <i>Composites Science and Technology</i> , 2015, 117, 139-145.	3.8	83
20	Continuous High-Yield Production of Vertically Aligned Carbon Nanotubes on 2D and 3D Substrates. <i>ACS Nano</i> , 2011, 5, 4850-4857.	7.3	76
21	Nanoporous Elements in Microfluidics for Multiscale Manipulation of Bioparticles. <i>Small</i> , 2011, 7, 1061-1067.	5.2	70
22	Aligned Carbon Nanotube Film Enables Thermally Induced State Transformations in Layered Polymeric Materials. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8900-8905.	4.0	70
23	In-plane strength enhancement of laminated composites via aligned carbon nanotube interlaminar reinforcement. <i>Composites Science and Technology</i> , 2016, 133, 33-39.	3.8	68
24	Impact of carbon nanotube length on electron transport in aligned carbon nanotube networks. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	67
25	Temperature-Dependent Phonon Conduction and Nanotube Engagement in Metalized Single Wall Carbon Nanotube Films. <i>Nano Letters</i> , 2010, 10, 2395-2400.	4.5	66
26	Long Carbon Nanotubes Grown on the Surface of Fibers for Hybrid Composites. <i>AIAA Journal</i> , 2008, 46, 1405-1412.	1.5	65
27	Circumventing the Mechanochemical Origins of Strength Loss in the Synthesis of Hierarchical Carbon Fibers. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4892-4903.	4.0	64
28	Synergetic effects of thin plies and aligned carbon nanotube interlaminar reinforcement in composite laminates. <i>Composites Science and Technology</i> , 2018, 166, 160-168.	3.8	64
29	Characterization of Exposures To Nanoscale Particles and Fibers During Solid Core Drilling of Hybrid Carbon Nanotube Advanced Composites. <i>International Journal of Occupational and Environmental Health</i> , 2010, 16, 434-450.	1.2	64
30	The Evolution of Carbon Nanotube Network Structure in Unidirectional Nanocomposites Resolved by Quantitative Electron Tomography. <i>ACS Nano</i> , 2015, 9, 6050-6058.	7.3	62
31	Fabrication and morphology tuning of graphene oxide nanoscrolls. <i>Nanoscale</i> , 2016, 8, 6783-6791.	2.8	62
32	Strength and Performance Enhancement of Bonded Joints by Spatial Tailoring of Adhesive Compliance via 3D Printing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 884-891.	4.0	60
33	Advanced carbon fiber composite out-of-autoclave laminate manufacture via nanostructured out-of-oven conductive curing. <i>Composites Science and Technology</i> , 2018, 166, 150-159.	3.8	60
34	PERFORMANCE OF MICROFABRICATED PIEZOELECTRIC VIBRATION ENERGY HARVESTERS. <i>Integrated Ferroelectrics</i> , 2006, 83, 13-32.	0.3	59
35	A high performance hybrid asymmetric supercapacitor via nano-scale morphology control of graphene, conducting polymer, and carbon nanotube electrodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9964-9969.	5.2	57
36	Breakdown of Native Oxide Enables Multifunctional, Free-Form Carbon Nanotube "Metal Hierarchical Architectures. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35212-35220.	4.0	54

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37	Manufacturing variability drives significant environmental and economic impact: The case of carbon fiber reinforced polymer composites in the aerospace industry. <i>Journal of Cleaner Production</i> , 2020, 261, 121087.	4.6	52
38	Interlaminar to intralaminar mode I and II crack bifurcation due to aligned carbon nanotube reinforcement of aerospace-grade advanced composites. <i>Composites Science and Technology</i> , 2020, 190, 108014.	3.8	51
39	Enhanced Bonding via Additive Manufacturing-Enabled Surface Tailoring of 3D Printed Continuous-Fiber Composites. <i>Advanced Engineering Materials</i> , 2018, 20, 1800691.	1.6	48
40	Hierarchical Multifunctional Composites by Conformally Coating Aligned Carbon Nanotube Arrays with Conducting Polymer. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2565-2572.	4.0	47
41	Room Temperature Resistive Volatile Organic Compound Sensing Materials Based on a Hybrid Structure of Vertically Aligned Carbon Nanotubes and Conformal oCVD/iCVD Polymer Coatings. <i>ACS Sensors</i> , 2016, 1, 374-383.	4.0	47
42	Aligned carbon nanotube array stiffness from stochastic three-dimensional morphology. <i>Nanoscale</i> , 2015, 7, 19426-19431.	2.8	46
43	Morphology Effects on Nonisotropic Thermal Conduction of Aligned Single-Walled and Multi-Walled Carbon Nanotubes in Polymer Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8851-8860.	1.5	44
44	Structure-mechanical property relations of non-graphitizing pyrolytic carbon synthesized at low temperatures. <i>Carbon</i> , 2017, 117, 411-420.	5.4	43
45	Multi-physics damage sensing in nano-engineered structural composites. <i>Nanotechnology</i> , 2011, 22, 185502.	1.3	42
46	High volumetric electrochemical performance of ultra-high density aligned carbon nanotube supercapacitors with controlled nanomorphology. <i>Electrochimica Acta</i> , 2013, 111, 608-613.	2.6	42
47	Horizontal cylinder-in-cylinder buckling under compression and torsion: Review and application to composite drill pipe. <i>International Journal of Mechanical Sciences</i> , 2008, 50, 538-549.	3.6	41
48	Inter-carbon nanotube contact in thermal transport of controlled-morphology polymer nanocomposites. <i>Nanotechnology</i> , 2009, 20, 155702.	1.3	41
49	Hierarchical lightweight composite materials for structural applications. <i>MRS Bulletin</i> , 2016, 41, 672-677.	1.7	40
50	Stress Reduction of 3D Printed Compliance-Tailored Multilayers. <i>Advanced Engineering Materials</i> , 2018, 20, 1700883.	1.6	40
51	Additively Manufactured Polyetheretherketone (PEEK) with Carbon Nanostructure Reinforcement for Biomedical Structural Applications. <i>Advanced Engineering Materials</i> , 2020, 22, 2000483.	1.6	39
52	Strain mapping at the micro-scale in hierarchical polymer composites with aligned carbon nanotube grafted fibers. <i>Composites Science and Technology</i> , 2016, 137, 24-34.	3.8	37
53	Strength and Performance Enhancement of Multilayers by Spatial Tailoring of Adherend Compliance and Morphology via Multimaterial Jetting Additive Manufacturing. <i>Scientific Reports</i> , 2018, 8, 13592.	1.6	37
54	Static and fatigue interlaminar shear reinforcement in aligned carbon nanotube-reinforced hierarchical advanced composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 120, 106-115.	3.8	37

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55	Interfacial load transfer in carbon nanotube/ceramic microfiber hybrid polymer composites. <i>Composites Science and Technology</i> , 2012, 72, 1416-1422.	3.8	36
56	Hybrid supercapacitor materials from poly(3,4-ethylenedioxythiophene) conformally coated aligned carbon nanotubes. <i>Electrochimica Acta</i> , 2013, 112, 522-528.	2.6	36
57	Morphology and processing of aligned carbon nanotube carbon matrix nanocomposites. <i>Carbon</i> , 2014, 68, 807-813.	5.4	36
58	Salt rejection in flow-between capacitive deionization devices. <i>Desalination</i> , 2018, 437, 154-163.	4.0	35
59	Calculated Thermal Properties of Single-Walled Carbon Nanotube Suspensions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19860-19865.	1.5	34
60	Nanoporous micro-element arrays for particle interception in microfluidic cell separation. <i>Lab on A Chip</i> , 2012, 12, 3159.	3.1	34
61	Coordination number model to quantify packing morphology of aligned nanowire arrays. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4033.	1.3	34
62	Synthesis and Characterization of Carbon Nanotube-Doped Thermoplastic Nanocomposites for the Additive Manufacturing of Self-Sensing Piezoresistive Materials. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8361-8372.	4.0	34
63	Nanocomposite Flexible Pressure Sensor for Biomedical Applications. <i>Procedia Engineering</i> , 2011, 25, 140-143.	1.2	32
64	Equivalent circuit modeling of ionomer and ionic polymer conductive network composite actuators containing ionic liquids. <i>Sensors and Actuators A: Physical</i> , 2012, 181, 70-76.	2.0	31
65	Integration of Bulk Nanoporous Elements in Microfluidic Devices With Application to Biomedical Diagnostics. <i>Journal of Microelectromechanical Systems</i> , 2011, 20, 1428-1438.	1.7	30
66	CVD Growth of Carbon Nanostructures from Zirconia: Mechanisms and a Method for Enhancing Yield. <i>Journal of the American Chemical Society</i> , 2014, 136, 17808-17817.	6.6	30
67	A numerical study on the effective thermal conductivity of biological fluids containing single-walled carbon nanotubes. <i>International Journal of Heat and Mass Transfer</i> , 2009, 52, 5591-5597.	2.5	29
68	Three-dimensional elastic constitutive relations of aligned carbon nanotube architectures. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	29
69	Tailoring Thickness of Conformal Conducting Polymer Decorated Aligned Carbon Nanotube Electrodes for Energy Storage. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400076.	1.9	28
70	Internal geometry of woven composite laminates with "fuzzy" carbon nanotube grafted fibers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 88, 295-304.	3.8	28
71	Simulation of failure in laminated polymer composites: Building-block validation. <i>Composite Structures</i> , 2019, 226, 111168.	3.1	28
72	Size effect of flexible proof mass on the mechanical behavior of micron-scale cantilevers for energy harvesting applications. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	26

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73	Packing morphology of wavy nanofiber arrays. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 694-699.	1.3	26
74	Low-temperature Growth of Carbon Nanotubes Catalyzed by Sodium-Based Ingredients. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9204-9209.	7.2	25
75	Void-Free Layered Polymeric Architectures via Capillary Action of Nanoporous Films. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901427.	1.9	25
76	Nanoengineered thrusters for the next giant leap in space exploration. <i>MRS Bulletin</i> , 2015, 40, 842-849.	1.7	24
77	Prediction of size effects in open-hole laminates using only the Young's modulus, the strength, and the R -curve of the O ^o ply. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 101, 306-317.	3.8	24
78	Solution to the Incorrect Benchmark Shell-Buckling Problem. <i>AIAA Journal</i> , 2008, 46, 381-387.	1.5	23
79	Exohedral Physisorption of Ambient Moisture Scales Non-monotonically with Fiber Proximity in Aligned Carbon Nanotube Arrays. <i>ACS Nano</i> , 2014, 8, 4591-4599.	7.3	23
80	Multifunctional nanocomposite structural separators for energy storage. <i>Nanoscale</i> , 2019, 11, 21964-21973.	2.8	23
81	Effect of nanofiber proximity on the mechanical behavior of high volume fraction aligned carbon nanotube arrays. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	22
82	Matrix hybridization in the interlayer for carbon fiber reinforced composites. <i>Polymer Composites</i> , 2010, 31, 1965-1976.	2.3	21
83	Mesoscale evolution of non-graphitizing pyrolytic carbon in aligned carbon nanotube carbon matrix nanocomposites. <i>Journal of Materials Science</i> , 2017, 52, 13799-13811.	1.7	21
84	Process-morphology scaling relations quantify self-organization in capillary densified nanofiber arrays. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3876-3881.	1.3	21
85	Mechanics of aligned carbon nanotube polymer matrix nanocomposites simulated via stochastic three-dimensional morphology. <i>Nanotechnology</i> , 2016, 27, 035701.	1.3	20
86	Direct synthesis of carbon nanomaterials via surface activation of bulk copper. <i>Carbon</i> , 2021, 177, 1-10.	5.4	18
87	A technique for spatially-resolved contact resistance-free electrical conductivity measurements of aligned-carbon nanotube/polymer nanocomposites. <i>Composites Science and Technology</i> , 2013, 74, 205-210.	3.8	17
88	New interlaminar features and void distributions in advanced aerospace-grade composites revealed via automated algorithms using micro-computed tomography. <i>Composites Science and Technology</i> , 2020, 193, 108132.	3.8	17
89	In situ synchrotron computed tomography study of nanoscale interlaminar reinforcement and thin-ply effects on damage progression in composite laminates. <i>Composites Part B: Engineering</i> , 2021, 217, 108623.	5.9	17
90	Aligned carbon nanotube morphogenesis predicts physical properties of their polymer nanocomposites. <i>Nanoscale</i> , 2019, 11, 16327-16335.	2.8	16

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91	Porosimetry and packing morphology of vertically aligned carbon nanotube arrays via impedance spectroscopy. <i>Nanotechnology</i> , 2017, 28, 05LT01.	1.3	15
92	Bioinspired Compliance Grading Motif of Mortar in Nacreous Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33256-33266.	4.0	15
93	Flexible Pressure Sensors: Modeling and Experimental Characterization. <i>Procedia Engineering</i> , 2012, 47, 1177-1180.	1.2	14
94	On the Use of Dent Depth as an Impact Damage Metric for Thin Composite Structures. <i>Journal of Reinforced Plastics and Composites</i> , 1997, 16, 1093-1110.	1.6	13
95	Is there a ply thickness effect on the mode I intralaminar fracture toughness of composite laminates?. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 107, 102473.	2.1	13
96	Interception efficiency in two-dimensional flow past confined porous cylinders. <i>Chemical Engineering Science</i> , 2014, 116, 752-762.	1.9	12
97	Strong process-structure interaction in stoveable poly(urethane-urea) aligned carbon nanotube nanocomposites. <i>Composites Science and Technology</i> , 2018, 166, 115-124.	3.8	11
98	Effects of ply thickness and architecture on the strength of composite sub-structures. <i>Composite Structures</i> , 2021, 256, 113061.	3.1	11
99	Synthesis of polymer bead nano-necklaces on aligned carbon nanotube scaffolds. <i>Nanotechnology</i> , 2017, 28, 24LT01.	1.3	10
100	Deep Learning Unlocks X-ray Microtomography Segmentation of Multiclass Microdamage in Heterogeneous Materials. <i>Advanced Materials</i> , 2022, 34, e2107817.	11.1	9
101	In Situ Testing Using Synchrotron Radiation Computed Tomography in Materials Research. <i>MRS Advances</i> , 2019, 4, 2831-2841.	0.5	8
102	Multifunctionality of Nanoengineered Self-Sensing Lattices Enabled by Additive Manufacturing. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	8
103	High-Volume-Fraction Textured Carbon Nanotube-Bis(maleimide) and Epoxy Matrix Polymer Nanocomposites: Implications for High-Performance Structural Composites. <i>ACS Applied Nano Materials</i> , 2022, 5, 9008-9023.	2.4	8
104	Optimal design of piezoelectric materials and devices for energy harvesting. <i>Journal of the Korean Physical Society</i> , 2013, 62, 1689-1695.	0.3	7
105	Enhanced durability of carbon nanotube grafted hierarchical ceramic microfiber-reinforced epoxy composites. <i>Carbon</i> , 2017, 125, 63-75.	5.4	6
106	Catalytic synthesis of few-layer graphene on titania nanowires. <i>Nanoscale</i> , 2018, 10, 1015-1022.	2.8	6
107	Morphology control of aligned carbon nanotube pins formed via patterned capillary densification. <i>Nano Futures</i> , 2019, 3, 011003.	1.0	6
108	Unzipping Carbon Nanotube Bundles through NH ₄ ⁺ Stacking for Enhanced Electrical and Thermal Transport. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28583-28592.	4.0	6

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109	Thermal properties of single-walled carbon nanotube forests with various volume fractions. International Journal of Heat and Mass Transfer, 2021, 171, 121076.	2.5	6
110	Kinetic viscoelasticity modeling applied to degradation during carbonâ€“carbon composite processing. Acta Astronautica, 2010, 66, 1189-1200.	1.7	5
111	Coherent nanofiber array buckling-enabled synthesis of hierarchical layered composites with enhanced strength. Extreme Mechanics Letters, 2020, 39, 100773.	2.0	5
112	Modeling the Electromagnetic Scattering Characteristics of Carbon Nanotube Composites Characterized by 3-D Tomographic Transmission Electron Microscopy. IEEE Open Journal of Antennas and Propagation, 2020, 1, 142-158.	2.5	5
113	Toward MXene interconnects. Matter, 2021, 4, 1447-1449.	5.0	5
114	Nonhomogeneous morphology and the elastic modulus of aligned carbon nanotube films. Journal of Micromechanics and Microengineering, 2015, 25, 115023.	1.5	4
115	Substrate adhesion evolves non-monotonically with processing time in millimeter-scale aligned carbon nanotube arrays. Nanoscale, 2021, 13, 261-271.	2.8	4
116	Processing and Mechanical Property Characterization of Aligned Carbon Nanotube Carbon Matrix Nanocomposites. , 2013, , .		3
117	Fabrication of Aerospace-grade Epoxy and Bismaleimide Matrix Nanocomposites with High Density Aligned Carbon Nanotube Reinforcement. , 2020, , .		3
118	Effective Interlaminar Reinforcement of High Glass Transition Temperature Laminated Composites via Vertically Aligned Carbon Nanotubes. , 2022, , .		3
119	Process-Structure-Property Relations in Dense Aligned Carbon Nanotube/Aerospace-grade Epoxy Nanocomposites. , 2022, , .		3
120	Mechanics of Out-of-Plane MEMS via Postbuckling: Model-Experiment Demonstration Using CMOS. Journal of Microelectromechanical Systems, 2012, 21, 621-634.	1.7	2
121	Lowâ€“temperature Growth of Carbon Nanotubes Catalyzed by Sodiumâ€“Based Ingredients. Angewandte Chemie, 2019, 131, 9302-9307.	1.6	2
122	Damage Micro-mechanisms in Notched Hierarchical Nanoengineered Thin-ply Composite Laminates Studied by In Situ Synchrotron X-ray Microtomography. , 2019, , .		2
123	In-series sample methodology for permeability characterization demonstrated on carbon nanotube-grafted alumina textiles. Composites Part A: Applied Science and Manufacturing, 2021, 150, 106631.	3.8	2
124	Building Life-Cycle Enhancement Multifunctionality into Glass Fiber Reinforced Composite Laminates via Hierarchical Assemblies of Aligned Carbon Nanotubes. , 2022, , .		2
125	Void-free Vacuum-bag-only Composite Manufacturing with Autoclave-grade Prepreg using Capillary Effects of Polymer Electrospun Nanofibers and Aerogel Nanoporous Networks. , 2022, , .		2
126	Elastic solutions for stresses in compliance-tailored adhesive anchors. International Journal of Adhesion and Adhesives, 2022, 118, 103227.	1.4	2

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127	Experimental Investigation of Interlaminar Fracture Micro-mechanisms of Aligned Carbon Nanotube-reinforced Aerospace Laminated Composites. , 2019, , .		1
128	Aerospace-grade Advanced Composites with Buckling-densified Aligned Carbon Nanotubes Interlaminar Reinforcement. , 2020, , .		1
129	Automated Segmentation of <i>In Situ</i> X-ray Microtomography of Progressive Damage in Advanced Composites via Deep Learning. , 2021, , .		1
130	Bifurcation, limit-point buckling, and dynamic collapse of transversely loaded composite shells. AIAA Journal, 2000, 38, 507-516.	1.5	1
131	In Situ Synchrotron X-ray Microtomography of Progressive Damage in Canted Notched Cross-Ply Composites with Interlaminar Nanoreinforcement. , 2022, , .		1
132	Gaining mechanistic insight into key factors contributing to crack path transition in particle toughened carbon fibre reinforced polymer composites using 3D X-ray computed tomography. Energy Reports, 2022, 8, 61-66.	2.5	1
133	Ultrahigh Carbon Nanotube Volume Fraction Effects on Micromechanical Quasi-Static & Dynamic Properties of Poly(Urethane-Urea) Filled Nanocomposites. Proceedings (mdpi), 2018, 2, 398.	0.2	0
134	Facile Patterning of Aligned Carbon Nanotube Architectures via Capillary-mediated Densification. , 2019, , .		0
135	Process-Structure-Property Characterization of Phenolic Matrix Nanocomposites Reinforced with Dense Aligned Carbon Nanotube Arrays. , 2021, , .		0
136	Importance of instability in impact response and damage resistance of composite shells. AIAA Journal, 1997, 35, 389-396.	1.5	0
137	Behavior of composite shells under transverse impact and quasi-static loading. AIAA Journal, 1998, 36, 1065-1073.	1.5	0