

Brian L Wardle

List of Publications by Year in descending order

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137
papers

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citations

61857

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times ranked

7046
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Unlocks X-ray Microtomography Segmentation of Multiclass Microdamage in Heterogeneous Materials. <i>Advanced Materials</i> , 2022, 34, e2107817.	11.1	9
2	Building Life-Cycle Enhancement Multifunctionality into Glass Fiber Reinforced Composite Laminates via Hierarchical Assemblies of Aligned Carbon Nanotubes. , 2022, , .		2
3	In Situ Synchrotron X-ray Microtomography of Progressive Damage in Canted Notched Cross-Ply Composites with Interlaminar Nanoreinforcement. , 2022, , .		1
4	Void-free Vacuum-bag-only Composite Manufacturing with Autoclave-grade Prepreg using Capillary Effects of Polymer Electrospun Nanofibers and Aerogel Nanoporous Networks. , 2022, , .		2
5	Effective Interlaminar Reinforcement of High Glass Transition Temperature Laminated Composites via Vertically Aligned Carbon Nanotubes. , 2022, , .		3
6	Process-Structure-Property Relations in Dense Aligned Carbon Nanotube/Aerospace-grade Epoxy Nanocomposites. , 2022, , .		3
7	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
8	Multifunctionality of Nanoengineered Self-Sensing Lattices Enabled by Additive Manufacturing. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	8
9	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. <i>Energy Reports</i> , 2022, 8, 61-66.	2.5	1
10	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
11	Elastic solutions for stresses in compliance-tailored adhesive anchors. <i>International Journal of Adhesion and Adhesives</i> , 2022, 118, 103227.	1.4	2
12	Effects of ply thickness and architecture on the strength of composite sub-structures. <i>Composite Structures</i> , 2021, 256, 113061.	3.1	11
13	Substrate adhesion evolves non-monotonically with processing time in millimeter-scale aligned carbon nanotube arrays. <i>Nanoscale</i> , 2021, 13, 261-271.	2.8	4
14	Automated Segmentation of <i>In Situ</i> X-ray Microtomography of Progressive Damage in Advanced Composites via Deep Learning. , 2021, , .		1
15	Process-Structure-Property Characterization of Phenolic Matrix Nanocomposites Reinforced with Dense Aligned Carbon Nanotube Arrays. , 2021, , .		0
16	Toward MXene interconnects. <i>Matter</i> , 2021, 4, 1447-1449.	5.0	5
17	Unzipping Carbon Nanotube Bundles through NH ₂ Stacking for Enhanced Electrical and Thermal Transport. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28583-28592.	4.0	6
18	Direct synthesis of carbon nanomaterials via surface activation of bulk copper. <i>Carbon</i> , 2021, 177, 1-10.	5.4	18

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19	Thermal properties of single-walled carbon nanotube forests with various volume fractions. <i>International Journal of Heat and Mass Transfer</i> , 2021, 171, 121076.	2.5	6
20	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
21	In-series sample methodology for permeability characterization demonstrated on carbon nanotube-grafted alumina textiles. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 150, 106631.	3.8	2
22	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
23	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
24	Coherent nanofiber array buckling-enabled synthesis of hierarchical layered composites with enhanced strength. <i>Extreme Mechanics Letters</i> , 2020, 39, 100773.	2.0	5
25	Bioinspired Compliance Grading Motif of Mortar in Nacreous Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33256-33266.	4.0	15
26	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
27	Additively Manufactured Polyetheretherketone (PEEK) with Carbon Nanostructure Reinforcement for Biomedical Structural Applications. <i>Advanced Engineering Materials</i> , 2020, 22, 2000483.	1.6	39
28	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
29	Aerospace-grade Advanced Composites with Buckling-densified Aligned Carbon Nanotubes Interlaminar Reinforcement. , 2020, , .		1
30	Fabrication of Aerospace-grade Epoxy and Bismaleimide Matrix Nanocomposites with High Density Aligned Carbon Nanotube Reinforcement. , 2020, , .		3
31	Void-Free Layered Polymeric Architectures via Capillary Action of Nanoporous Films. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901427.	1.9	25
32	Modeling the Electromagnetic Scattering Characteristics of Carbon Nanotube Composites Characterized by 3-D Tomographic Transmission Electron Microscopy. <i>IEEE Open Journal of Antennas and Propagation</i> , 2020, 1, 142-158.	2.5	5
33	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
34	Morphology control of aligned carbon nanotube pins formed via patterned capillary densification. <i>Nano Futures</i> , 2019, 3, 011003.	1.0	6
35	Low-Temperature Growth of Carbon Nanotubes Catalyzed by Sodium-Based Ingredients. <i>Angewandte Chemie</i> , 2019, 131, 9302-9307.	1.6	2
36	Low-Temperature Growth of Carbon Nanotubes Catalyzed by Sodium-Based Ingredients. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9204-9209.	7.2	25

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37	Aligned carbon nanotube morphogenesis predicts physical properties of their polymer nanocomposites. <i>Nanoscale</i> , 2019, 11, 16327-16335.	2.8	16
38	Simulation of failure in laminated polymer composites: Building-block validation. <i>Composite Structures</i> , 2019, 226, 111168.	3.1	28
39	Ultrahigh Areal Capacitance Flexible Supercapacitor Electrodes Enabled by Conformal P3MT on Horizontally Aligned Carbon Nanotube Arrays. <i>Advanced Materials</i> , 2019, 31, e1901916.	11.1	89
40	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
41	Facile Patterning of Aligned Carbon Nanotube Architectures via Capillary-mediated Densification. , 2019, , .		0
42	In Situ Testing Using Synchrotron Radiation Computed Tomography in Materials Research. <i>MRS Advances</i> , 2019, 4, 2831-2841.	0.5	8
43	Multifunctional nanocomposite structural separators for energy storage. <i>Nanoscale</i> , 2019, 11, 21964-21973.	2.8	23
44	Experimental Investigation of Interlaminar Fracture Micro-mechanisms of Aligned Carbon Nanotube-reinforced Aerospace Laminated Composites. , 2019, , .		1
45	Damage Micro-mechanisms in Notched Hierarchical Nanoengineered Thin-ply Composite Laminates Studied by In Situ Synchrotron X-ray Microtomography. , 2019, , .		2
46	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
47	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
48	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
49	Catalytic synthesis of few-layer graphene on titania nanowires. <i>Nanoscale</i> , 2018, 10, 1015-1022.	2.8	6
50	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
51	Salt rejection in flow-between capacitive deionization devices. <i>Desalination</i> , 2018, 437, 154-163.	4.0	35
52	Stress Reduction of 3D Printed Compliance-Tailored Multilayers. <i>Advanced Engineering Materials</i> , 2018, 20, 1700883.	1.6	40
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	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

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55	Ultra-high 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
56	Structure-mechanical property relations of non-graphitizing pyrolytic carbon synthesized at low temperatures. Carbon, 2017, 117, 411-420.	5.4	43
57	Synthesis of polymer bead nano-necklaces on aligned carbon nanotube scaffolds. Nanotechnology, 2017, 28, 24LT01.	1.3	10
58	Strength and Performance Enhancement of Bonded Joints by Spatial Tailoring of Adhesive Compliance via 3D Printing. ACS Applied Materials & Interfaces, 2017, 9, 884-891.	4.0	60
59	Porosimetry and packing morphology of vertically aligned carbon nanotube arrays via impedance spectroscopy. Nanotechnology, 2017, 28, 05LT01.	1.3	15
60	Mesoscale evolution of non-graphitizing pyrolytic carbon in aligned carbon nanotube carbon matrix nanocomposites. Journal of Materials Science, 2017, 52, 13799-13811.	1.7	21
61	Enhanced durability of carbon nanotube grafted hierarchical ceramic microfiber-reinforced epoxy composites. Carbon, 2017, 125, 63-75.	5.4	6
62	Prediction of size effects in open-hole laminates using only the Young's modulus, the strength, and the R -curve of the 0° ply. Composites Part A: Applied Science and Manufacturing, 2017, 101, 306-317.	3.8	24
63	Internal geometry of woven composite laminates with "fuzzy" carbon nanotube grafted fibers. Composites Part A: Applied Science and Manufacturing, 2016, 88, 295-304.	3.8	28
64	Hierarchical lightweight composite materials for structural applications. MRS Bulletin, 2016, 41, 672-677.	1.7	40
65	In-plane strength enhancement of laminated composites via aligned carbon nanotube interlaminar reinforcement. Composites Science and Technology, 2016, 133, 33-39.	3.8	68
66	Layered and scrolled nanocomposites with aligned semi-infinite graphene inclusions at the platelet limit. Science, 2016, 353, 364-367.	6.0	125
67	Strain mapping at the micro-scale in hierarchical polymer composites with aligned carbon nanotube grafted fibers. Composites Science and Technology, 2016, 137, 24-34.	3.8	37
68	Mechanics of aligned carbon nanotube polymer matrix nanocomposites simulated via stochastic three-dimensional morphology. Nanotechnology, 2016, 27, 035701.	1.3	20
69	Fabrication and morphology tuning of graphene oxide nanoscrolls. Nanoscale, 2016, 8, 6783-6791.	2.8	62
70	Room Temperature Resistive Volatile Organic Compound Sensing Materials Based on a Hybrid Structure of Vertically Aligned Carbon Nanotubes and Conformal oCVD/iCVD Polymer Coatings. ACS Sensors, 2016, 1, 374-383.	4.0	47
71	Packing morphology of wavy nanofiber arrays. Physical Chemistry Chemical Physics, 2016, 18, 694-699.	1.3	26
72	Nanoengineered thrusters for the next giant leap in space exploration. MRS Bulletin, 2015, 40, 842-849.	1.7	24

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73	Nonhomogeneous morphology and the elastic modulus of aligned carbon nanotube films. <i>Journal of Micromechanics and Microengineering</i> , 2015, 25, 115023.	1.5	4
74	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
75	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
76	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
77	Aligned carbon nanotube array stiffness from stochastic three-dimensional morphology. <i>Nanoscale</i> , 2015, 7, 19426-19431.	2.8	46
78	Impact of carbon nanotube length on electron transport in aligned carbon nanotube networks. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	67
79	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
80	Morphology and processing of aligned carbon nanotube carbon matrix nanocomposites. <i>Carbon</i> , 2014, 68, 807-813.	5.4	36
81	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
82	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
83	Multi-scale interlaminar fracture mechanisms in woven composite laminates reinforced with aligned carbon nanotubes. <i>Composites Science and Technology</i> , 2014, 100, 128-135.	3.8	99
84	Advanced asymmetric supercapacitor based on conducting polymer and aligned carbon nanotubes with controlled nanomorphology. <i>Nano Energy</i> , 2014, 9, 176-185.	8.2	93
85	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
86	Interception efficiency in two-dimensional flow past confined porous cylinders. <i>Chemical Engineering Science</i> , 2014, 116, 752-762.	1.9	12
87	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
88	Processing and Mechanical Property Characterization of Aligned Carbon Nanotube Carbon Matrix Nanocomposites. , 2013, , .		3
89	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
90	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

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91	Coordination number model to quantify packing morphology of aligned nanowire arrays. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4033.	1.3	34
92	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
93	Hybrid supercapacitor materials from poly(3,4-ethylenedioxythiophene) conformally coated aligned carbon nanotubes. <i>Electrochimica Acta</i> , 2013, 112, 522-528.	2.6	36
94	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
95	Three-dimensional elastic constitutive relations of aligned carbon nanotube architectures. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	29
96	Nanoporous micro-element arrays for particle interception in microfluidic cell separation. <i>Lab on A Chip</i> , 2012, 12, 3159.	3.1	34
97	Mechanics of Out-of-Plane MEMS via Postbuckling: Model-Experiment Demonstration Using CMOS. <i>Journal of Microelectromechanical Systems</i> , 2012, 21, 621-634.	1.7	2
98	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
99	Interfacial load transfer in carbon nanotube/ceramic microfiber hybrid polymer composites. <i>Composites Science and Technology</i> , 2012, 72, 1416-1422.	3.8	36
100	Electrical and thermal property enhancement of fiber-reinforced polymer laminate composites through controlled implementation of multi-walled carbon nanotubes. <i>Composites Science and Technology</i> , 2012, 72, 2009-2015.	3.8	125
101	Flexible Pressure Sensors: Modeling and Experimental Characterization. <i>Procedia Engineering</i> , 2012, 47, 1177-1180.	1.2	14
102	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
103	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
104	Nanocomposite Flexible Pressure Sensor for Biomedical Applications. <i>Procedia Engineering</i> , 2011, 25, 140-143.	1.2	32
105	Thermal Conduction in Aligned Carbon Nanotubeâ€“Polymer Nanocomposites with High Packing Density. <i>ACS Nano</i> , 2011, 5, 4818-4825.	7.3	425
106	Nanoporous Elements in Microfluidics for Multiscale Manipulation of Bioparticles. <i>Small</i> , 2011, 7, 1061-1067.	5.2	70
107	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
108	Multi-physics damage sensing in nano-engineered structural composites. <i>Nanotechnology</i> , 2011, 22, 185502.	1.3	42

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109	Interlaminar and intralaminar reinforcement of composite laminates with aligned carbon nanotubes. <i>Composites Science and Technology</i> , 2010, 70, 20-28.	3.8	354
110	High Electromechanical Response of Ionic Polymer Actuators with Controlled Morphology Aligned Carbon Nanotube/Nafion Nanocomposite Electrodes. <i>Advanced Functional Materials</i> , 2010, 20, 3266-3271.	7.8	130
111	Kinetic viscoelasticity modeling applied to degradation during carbon-carbon composite processing. <i>Acta Astronautica</i> , 2010, 66, 1189-1200.	1.7	5
112	Matrix hybridization in the interlayer for carbon fiber reinforced composites. <i>Polymer Composites</i> , 2010, 31, 1965-1976.	2.3	21
113	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
114	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
115	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
116	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
117	Exposure to nanoscale particles and fibers during machining of hybrid advanced composites containing carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2009, 11, 231-249.	0.8	207
118	Multifunctional properties of high volume fraction aligned carbon nanotube polymer composites with controlled morphology. <i>Composites Science and Technology</i> , 2009, 69, 2649-2656.	3.8	181
119	High-yield growth and morphology control of aligned carbon nanotubes on ceramic fibers for multifunctional enhancement of structural composites. <i>Carbon</i> , 2009, 47, 551-560.	5.4	175
120	Limiting Mechanisms of Mode I Interlaminar Toughening of Composites Reinforced with Aligned Carbon Nanotubes. <i>Journal of Composite Materials</i> , 2009, 43, 825-841.	1.2	112
121	Nanoscale Zirconia as a Nonmetallic Catalyst for Graphitization of Carbon and Growth of Single- and Multiwall Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2009, 131, 12144-12154.	6.6	219
122	Inter-carbon nanotube contact in thermal transport of controlled-morphology polymer nanocomposites. <i>Nanotechnology</i> , 2009, 20, 155702.	1.3	41
123	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
124	Fabrication and Characterization of Ultrahigh Volume-Fraction Aligned Carbon Nanotube Polymer Composites. <i>Advanced Materials</i> , 2008, 20, 2707-2714.	11.1	245
125	Particle exposure levels during CVD growth and subsequent handling of vertically-aligned carbon nanotube films. <i>Carbon</i> , 2008, 46, 974-977.	5.4	93
126	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

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127	Calculated Thermal Properties of Single-Walled Carbon Nanotube Suspensions. Journal of Physical Chemistry C, 2008, 112, 19860-19865.	1.5	34
128	Joining prepreg composite interfaces with aligned carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2008, 39, 1065-1070.	3.8	358
129	Long Carbon Nanotubes Grown on the Surface of Fibers for Hybrid Composites. AIAA Journal, 2008, 46, 1405-1412.	1.5	65
130	Solution to the Incorrect Benchmark Shell-Buckling Problem. AIAA Journal, 2008, 46, 381-387.	1.5	23
131	Experimental Verification of Models for Microfabricated Piezoelectric Vibration Energy Harvesters. AIAA Journal, 2007, 45, 1126-1137.	1.5	240
132	PERFORMANCE OF MICROFABRICATED PIEZOELECTRIC VIBRATION ENERGY HARVESTERS. Integrated Ferroelectrics, 2006, 83, 13-32.	0.3	59
133	DESIGN CONSIDERATIONS FOR MEMS-SCALE PIEZOELECTRIC MECHANICAL VIBRATION ENERGY HARVESTERS. Integrated Ferroelectrics, 2005, 71, 121-160.	0.3	659
134	Bifurcation, limit-point buckling, and dynamic collapse of transversely loaded composite shells. AIAA Journal, 2000, 38, 507-516.	1.5	1
135	Behavior of composite shells under transverse impact and quasi-static loading. AIAA Journal, 1998, 36, 1065-1073.	1.5	0
136	On the Use of Dent Depth as an Impact Damage Metric for Thin Composite Structures. Journal of Reinforced Plastics and Composites, 1997, 16, 1093-1110.	1.6	13
137	Importance of instability in impact response and damage resistance of composite shells. AIAA Journal, 1997, 35, 389-396.	1.5	0