

Qingwen Li

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1476504/qingwen-li-publications-by-year.pdf>

Version: 2024-04-18

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

273
papers

12,990
citations

63
h-index

103
g-index

288
ext. papers

15,026
ext. citations

10.5
avg, IF

6.65
L-index

#	Paper	IF	Citations
273	3D-Printed Flexible Phase-Change Nonwoven Fabrics toward Multifunctional Clothing.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	4
272	Direct writing of graphene-based fibers: Multilevel assembly and functional properties. <i>Carbon</i> , 2022 , 192, 109-122	10.4	0
271	Freestanding Metal-Organic Frameworks and Their Derivatives: An Emerging Platform for Electrochemical Energy Storage and Conversion.. <i>Chemical Reviews</i> , 2022 ,	68.1	10
270	Highly resilient, biocompatible, and antibacterial carbon nanotube/hydroxybutyl chitosan sponge dressing for rapid and effective hemostasis. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9754-9763	7.3	2
269	All-in-One ENERGISER design: Smart liquid metal-air battery. <i>Chemical Engineering Journal</i> , 2021 , 409, 128160	14.7	5
268	Gradient Heating Effect Modulated by Hydrophobic/Hydrophilic Carbon Nanotube Network Structures for Ultrafast Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19109-19116 ¹⁶	9.5	16
267	Fast water transport reversible CNT/PVA hybrid hydrogels with highly environmental tolerance for multifunctional sport headband. <i>Composites Part B: Engineering</i> , 2021 , 211, 108661	10	10
266	Highly Reversible Aqueous Zn-MnO ₂ Battery by Supplementing Mn ²⁺ -Mediated MnO ₂ Deposition and Dissolution. <i>Advanced Functional Materials</i> , 2021 , 31, 2101579	15.6	27
265	The synergetic relationship between the length and orientation of carbon nanotubes in direct spinning of high-strength carbon nanotube fibers. <i>Materials and Design</i> , 2021 , 203, 109557	8.1	8
264	Continuous growth of carbon nanotube films: From controllable synthesis to real applications. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 144, 106359	8.4	3
263	Interfacial heat transport in nano-carbon assemblies. <i>Carbon</i> , 2021 , 178, 391-412	10.4	26
262	Bean-Pod-Inspired 3D-Printed Phase Change Microlattices for Solar-Thermal Energy Harvesting and Storage. <i>Small</i> , 2021 , 17, e2101093	11	9
261	CoNi nanoparticles anchored inside carbon nanotube networks by transient heating: Low loading and high activity for oxygen reduction and evolution. <i>Journal of Energy Chemistry</i> , 2021 , 54, 63-71	12	10
260	Programmable Contractile Actuations of Twisted Spider Dragline Silk Yarns. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 482-490	5.5	9
259	Self-sensing coaxial muscle fibers with bi-lengthwise actuation. <i>Materials Horizons</i> , 2021 , 8, 2541-2552	14.4	8
258	Strong and Robust Electrochemical Artificial Muscles by Ionic-Liquid-in-Nanofiber-Sheathed Carbon Nanotube Yarns. <i>Small</i> , 2021 , 17, e2006181	11	10
257	Gel-Electrolyte-Coated Carbon Nanotube Yarns for Self-Powered and Knittable Piezoionic Sensors. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 944-954	4	3

256	Revolution-assisted direct writing of highly controllable spiral graphene fibers with ultrasensitive photoelectric response. <i>Composites Communications</i> , 2021 , 26, 100783	6.7	1
255	Carbon Nanotube Network-Based Solar-Thermal Water Evaporator and Thermoelectric Module for Electricity Generation. <i>ACS Applied Nano Materials</i> , 2021 , 4, 8906-8912	5.6	2
254	Rapid annealing and cooling induced surface cleaning of semiconducting carbon nanotubes for high-performance thin-film transistors. <i>Carbon</i> , 2021 , 184, 764-771	10.4	4
253	Interfacial-bubbling-induced nondestructive expansion to reconstruct superstrong and multifunctional carbon nanotube fibers. <i>Carbon</i> , 2021 , 184, 24-33	10.4	3
252	Core-sheath 3D printing of highly conductive and MoS ₂ -loaded electrode with pseudocapacitive behavior. <i>Chemical Engineering Journal</i> , 2021 , 423, 130304	14.7	5
251	PtNiFe nanoalloys with co-existence of energy-optimized active surfaces for synergistic catalysis of oxygen reduction and evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 16187-16195	13	1
250	Carbon-Based Fiber Materials as Implantable Depth Neural Electrodes.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 771980	5.1	1
249	3D confined zinc plating/stripping with high discharge depth and excellent high-rate reversibility. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11719-11727	13	36
248	Developing Elastic, Robust, and Highly Porous Metal Foams Using Carbon Nanotube Scaffolds. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 2090-2097	4	2
247	Shampoo assisted aligning of carbon nanotubes toward strong, stiff and conductive fibers.. <i>RSC Advances</i> , 2020 , 10, 18715-18720	3.7	4
246	Carbon nanotube film based multifunctional composite materials: an overview. <i>Functional Composites and Structures</i> , 2020 , 2, 022002	3.5	17
245	Wet-spun PVDF nanofiber separator for direct fabrication of coaxial fiber-shaped supercapacitors. <i>Chemical Engineering Journal</i> , 2020 , 400, 125835	14.7	25
244	Regulation of multidimensional silver nanostructures for high-performance composite conductive adhesives. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 137, 106025	8.4	9
243	Molecularly Thin Nitride Sheets Stabilized by Titanium Carbide as Efficient Bifunctional Electrocatalysts for Fiber-Shaped Rechargeable Zinc-Air Batteries. <i>Nano Letters</i> , 2020 , 20, 2892-2898	11.5	38
242	An ultra-thin, flexible, low-cost and scalable gas diffusion layer composed of carbon nanotubes for high-performance fuel cells. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5986-5994	13	18
241	Rational and wide-range tuning of CNT aerogel conductors with multifunctionalities. <i>Nanoscale</i> , 2020 , 12, 13771-13780	7.7	1
240	Multi-Step Phase Transitions of Mn O During Galvanostatic Lithiation: An In Situ Transmission Electron Microscopic Investigation. <i>Small</i> , 2020 , 16, e1906499	11	3
239	One-step wet-spinning assembly of twisting-structured graphene/carbon nanotube fiber supercapacitor. <i>Journal of Energy Chemistry</i> , 2020 , 51, 434-441	12	22

238	SWCNT-modulated folding-resistant sandwich-structured graphene film for high-performance electromagnetic interference shielding. <i>Carbon</i> , 2020 , 162, 490-496	10.4	20
237	Anti-fatigue and multifunctional core-spun yarns based on carbon nanotube springs. <i>Composites Communications</i> , 2020 , 19, 127-133	6.7	6
236	Flexible and Adaptable Fuel Cell Pack with High Energy Density Realized by a Bifunctional Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4473-4481	9.5	9
235	Rational design of fast recoverable shape-memory photoelectric spring in response to tiny deformation for monitoring underwater microvibration. <i>Composites Part B: Engineering</i> , 2020 , 202, 108402	10.2	6
234	Understanding the influence of single-walled carbon nanotube dispersion states on the microstructure and mechanical properties of wet-spun fibers. <i>Carbon</i> , 2020 , 169, 17-24	10.4	10
233	Developing thermal regulating and electromagnetic shielding textiles using ultra-thin carbon nanotube films. <i>Composites Communications</i> , 2020 , 21, 100409	6.7	9
232	High-twist-pervaded electrochemical yarn muscles with ultralarge and fast contractile actuations. <i>Materials Horizons</i> , 2020 , 7, 3043-3050	14.4	12
231	Mechanical and electrical enhancement of super-aligned carbon nanotube film by organic and inorganic doping. <i>Nanotechnology</i> , 2020 , 31, 075601	3.4	
230	Flexible visible-light-driven photoelectrochemical biosensor based on molecularly imprinted nanoparticle intercalation-modulated graphene fiber for ultrasensitive urea detection. <i>Carbon</i> , 2020 , 157, 457-465	10.4	27
229	Giant two-dimensional titania sheets for constructing a flexible fiber sodium-ion battery with long-term cycling stability. <i>Energy Storage Materials</i> , 2020 , 24, 504-511	19.4	15
228	Understanding the Mechanical and Conductive Properties of Carbon Nanotube Fibers for Smart Electronics. <i>Advanced Materials</i> , 2020 , 32, e1902028	24	88
227	Atomic Modulation of 3D Conductive Frameworks Boost Performance of MnO for Coaxial Fiber-Shaped Supercapacitors. <i>Nano-Micro Letters</i> , 2020 , 13, 4	19.5	10
226	Merge multiple carbon nanotube fibers into a robust yarn. <i>Carbon</i> , 2019 , 145, 266-272	10.4	12
225	Electro curing of oriented bismaleimide between aligned carbon nanotubes for high mechanical and thermal performances. <i>Carbon</i> , 2019 , 145, 650-657	10.4	35
224	Flexible and High-Voltage Coaxial-Fiber Aqueous Rechargeable Zinc-Ion Battery. <i>Nano Letters</i> , 2019 , 19, 4035-4042	11.5	128
223	Making a strong adhesion between polyetherketoneketone and carbon nanotube fiber through an electro strategy. <i>Composites Science and Technology</i> , 2019 , 177, 81-87	8.6	5
222	Fabrication of thermally robust carbon nanotube (CNT)/SiO ₂ composite films and their high-temperature mechanical properties. <i>Carbon</i> , 2019 , 147, 236-241	10.4	10
221	All-solid-state supercapacitors using a highly-conductive neutral gum electrolyte.. <i>RSC Advances</i> , 2019 , 9, 8169-8174	3.7	9

220	Molecularly Coupled Two-Dimensional Titanium Oxide and Carbide Sheets for Wearable and High-Rate Quasi-Solid-State Rechargeable Batteries. <i>Advanced Functional Materials</i> , 2019 , 29, 1901576	15.6	13
219	Developing strong and tough carbon nanotube films by a proper dispersing strategy and enhanced interfacial interactions. <i>Carbon</i> , 2019 , 149, 117-124	10.4	3
218	Controllable etching-induced contact enhancement for high-performance carbon nanotube thin-film transistors.. <i>RSC Advances</i> , 2019 , 9, 10578-10583	3.7	1
217	In-situ embedding zeolitic imidazolate framework derived CoNi bifunctional catalysts in carbon nanotube networks for flexible Zn air batteries. <i>Journal of Energy Chemistry</i> , 2019 , 38, 170-176	12	45
216	Robust carbon nanotube composite fibers: Strong resistivities to protonation, oxidation, and ultrasonication. <i>Carbon</i> , 2019 , 146, 627-635	10.4	13
215	Soft and MRI Compatible Neural Electrodes from Carbon Nanotube Fibers. <i>Nano Letters</i> , 2019 , 19, 1577-1586	15.86	48
214	Assembly of aligned semiconducting carbon nanotubes in organic solvents via introducing inter-tube electrostatic repulsion. <i>Carbon</i> , 2019 , 146, 172-180	10.4	6
213	Mechanical properties of carbon nanotube fibers at extreme temperatures. <i>Nanoscale</i> , 2019 , 11, 4585-4590	4.90	12
212	Solution-Processing of High-Purity Semiconducting Single-Walled Carbon Nanotubes for Electronics Devices. <i>Advanced Materials</i> , 2019 , 31, e1800750	24	69
211	Synthesis of Joint-Welded Carbon Nanotube Foam @ Ni(OH) ₂ Nanosheet-Based Core/Shell 3D Architecture for Freestanding Flexible Electrode for Supercapacitor Applications. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900670	4.6	17
210	Flexible Quasi-Solid-State Sodium-Ion Batteries Built by Stacking Two-Dimensional Titania Sheets with Carbon Nanotube Spacers. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5707-5715	6.1	4
209	Millisecond tension-annealing for enhancing carbon nanotube fibers. <i>Nanoscale</i> , 2019 , 11, 13909-13916	7.7	12
208	A Graphene-Based Coaxial Fibrous Photofuel Cell Powered by Mine Gas. <i>Advanced Functional Materials</i> , 2019 , 29, 1906813	15.6	15
207	Single-Walled Carbon Nanotubes: Solution-Processing of High-Purity Semiconducting Single-Walled Carbon Nanotubes for Electronics Devices (Adv. Mater. 9/2019). <i>Advanced Materials</i> , 2019 , 31, 1970063	24	1
206	PtFe Alloy Nanoparticles Confined on Carbon Nanotube Networks as Air Cathodes for Flexible and Wearable Energy Devices. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7870-7879	5.6	14
205	All-Solid-State Fiber Supercapacitors with Ultrahigh Volumetric Energy Density and Outstanding Flexibility. <i>Advanced Energy Materials</i> , 2019 , 9, 1802753	21.8	140
204	High performance electrochemical biosensor based on 3D nitrogen-doped reduced graphene oxide electrode and tetrahedral DNA nanostructure. <i>Talanta</i> , 2019 , 194, 273-281	6.2	24
203	Nanoparticle intercalation-modulated stretchable conductive graphene fibers with combined photoelectric properties. <i>Carbon</i> , 2019 , 141, 218-225	10.4	17

202	Enhancing the interfacial interaction of carbon nanotubes fibers by Au nanoparticles with improved performance of the electrical and thermal conductivity. <i>Carbon</i> , 2019 , 141, 497-505	10.4	86
201	High-Throughput Fabrication of Flexible and Transparent All-Carbon Nanotube Electronics. <i>Advanced Science</i> , 2018 , 5, 1700965	13.6	26
200	A comparison of the twisted and untwisted structures for one-dimensional carbon nanotube assemblies. <i>Materials and Design</i> , 2018 , 146, 20-27	8.1	20
199	Hierarchically-structured Co ₃ O ₄ nanowire arrays grown on carbon nanotube fibers as novel cathodes for high-performance wearable fiber-shaped asymmetric supercapacitors. <i>Applied Surface Science</i> , 2018 , 447, 795-801	6.7	30
198	Self-plied and twist-stable carbon nanotube yarn artificial muscles driven by organic solvent adsorption. <i>Nanoscale</i> , 2018 , 10, 8180-8186	7.7	27
197	Color-Changing Microfiber-Based Multifunctional Window Screen for Capture and Visualized Monitoring of NH ₃ . <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15065-15072	9.5	11
196	Electro-purification of carbon nanotube networks without damaging the assembly structure and crystallinity. <i>Applied Surface Science</i> , 2018 , 442, 232-238	6.7	9
195	Direct spinning of high-performance graphene fiber supercapacitor with a three-ply core-sheath structure. <i>Carbon</i> , 2018 , 132, 241-248	10.4	54
194	Mechanical enhancement effect of the interlayer hybrid CNT film/carbon fiber/epoxy composite. <i>Composites Science and Technology</i> , 2018 , 166, 176-182	8.6	31
193	Hierarchical carbon nanotube composite yarn muscles. <i>Nanoscale</i> , 2018 , 10, 4077-4084	7.7	46
192	Ni Nanobuffer Layer Provides Light-Weight CNT/Cu Fibers with Superior Robustness, Conductivity, and Ampacity. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8197-8204	9.5	30
191	Tuning SERS properties of pattern-based MWNTs-AuNPs substrates by adjustment of the pattern spacings. <i>Carbon</i> , 2018 , 136, 38-45	10.4	12
190	High-Performance Cable-Type Flexible Rechargeable Zn Battery Based on MnO@CNT Fiber Microelectrode. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24573-24582	9.5	122
189	Gas infiltration of bromine to enhance the electrical conductivity of carbon nanotube fibers. <i>Materials and Design</i> , 2018 , 159, 138-144	8.1	18
188	Large-Stroke Electrochemical Carbon Nanotube/Graphene Hybrid Yarn Muscles. <i>Small</i> , 2018 , 14, e1801883	8.3	23
187	An adaptive and stable bio-electrolyte for rechargeable Zn-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12237-12243	13	102
186	Strong, Healable, and Recyclable Composite Paper Made from a Codispersion of Carbon Nanotube and Sulfonated Graphene Polymer. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800208	3.9	
185	1.2 Carbon Nanotube Based Fibers 2018 , 13-40		

184	Strengthening carbon nanotube fibers with semi-crystallized polyvinyl alcohol and hot-stretching. <i>Composites Science and Technology</i> , 2018 , 164, 290-295	8.6	20
183	Hierarchically structured VO ₂ @PPy core-shell nanowire arrays grown on carbon nanotube fibers as advanced cathodes for high-performance wearable asymmetric supercapacitors. <i>Carbon</i> , 2018 , 139, 21-28	10.4	24
182	Densifying carbon nanotubes on assembly surface by the self-contraction of silk fibroin. <i>Applied Surface Science</i> , 2018 , 436, 66-72	6.7	8
181	Vibration Damping of Carbon Nanotube Assembly Materials. <i>Advanced Engineering Materials</i> , 2018 , 20, 1700647	3.5	20
180	Thiophene-containing polymer on sorting semiconducting single-walled carbon nanotubes. <i>Polymer</i> , 2018 , 159, 59-63	3.9	1
179	All-in-One Bifunctional Oxygen Electrode Films for Flexible Zn-Air Batteries. <i>Small</i> , 2018 , 14, e1803409	11	46
178	A novel approach to align carbon nanotubes via water-assisted shear stretching. <i>Composites Science and Technology</i> , 2018 , 164, 1-7	8.6	9
177	A new insight into the rechargeable mechanism of manganese dioxide based symmetric supercapacitors. <i>RSC Advances</i> , 2017 , 7, 8561-8566	3.7	13
176	Stretchable Fiber Supercapacitors with High Volumetric Performance Based on Buckled MnO ₂ /Oxidized Carbon Nanotube Fiber Electrodes. <i>Small</i> , 2017 , 13, 1602994	11	80
175	A highly torsionable fiber-shaped supercapacitor. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4397-4403	13	20
174	Ultrastrong and excellent dynamic mechanical properties of carbon nanotube composites. <i>Composites Science and Technology</i> , 2017 , 141, 137-144	8.6	25
173	Ultra-Lightweight and Highly Adaptive All-Carbon Elastic Conductors with Stable Electrical Resistance. <i>Advanced Functional Materials</i> , 2017 , 27, 1606220	15.6	56
172	Hybrid effect of carbon nanotube film and ultrathin carbon fiber prepreg composites. <i>Journal of Reinforced Plastics and Composites</i> , 2017 , 36, 452-463	2.9	14
171	Arrays of horizontal carbon nanotubes of controlled chirality grown using designed catalysts. <i>Nature</i> , 2017 , 543, 234-238	50.4	251
170	A novel strategy for high-performance transparent conductive films based on double-walled carbon nanotubes. <i>Chemical Communications</i> , 2017 , 53, 2934-2937	5.8	15
169	Strong graphene-interlayered carbon nanotube films with high thermal conductivity. <i>Carbon</i> , 2017 , 118, 659-665	10.4	40
168	Recycling Strategy for Fabricating Low-Cost and High-Performance Carbon Nanotube TFT Devices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15719-15726	9.5	22
167	Joining cross-stacked carbon nanotube architecture with covalent bonding. <i>Applied Physics Letters</i> , 2017 , 110, 183101	3.4	4

166	Flexible fiber-shaped supercapacitors: Design, fabrication, and multi-functionalities. <i>Energy Storage Materials</i> , 2017 , 8, 85-109	19.4	78
165	Cationic two-dimensional sheets for an ultralight electrostatic polysulfide trap toward high-performance lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2017 , 9, 39-46	19.4	31
164	Crosslinked Carbon Nanotube Aerogel Films Decorated with Cobalt Oxides for Flexible Rechargeable Zn-Air Batteries. <i>Small</i> , 2017 , 13, 1700518	11	80
163	In-situ curing of glass fiber reinforced polymer composites via resistive heating of carbon nanotube films. <i>Composites Science and Technology</i> , 2017 , 149, 20-27	8.6	48
162	Flexible Lithium-Ion Fiber Battery by the Regular Stacking of Two-Dimensional Titanium Oxide Nanosheets Hybridized with Reduced Graphene Oxide. <i>Nano Letters</i> , 2017 , 17, 3543-3549	11.5	119
161	Flexible and Lightweight Fuel Cell with High Specific Power Density. <i>ACS Nano</i> , 2017 , 11, 5982-5991	16.7	56
160	Low Hysteresis Carbon Nanotube Transistors Constructed via a General Dry-Laminating Encapsulation Method on Diverse Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14292-14300	9.5	9
159	Wrapping Aligned Carbon Nanotube Composite Sheets around Vanadium Nitride Nanowire Arrays for Asymmetric Coaxial Fiber-Shaped Supercapacitors with Ultrahigh Energy Density. <i>Nano Letters</i> , 2017 , 17, 2719-2726	11.5	233
158	Versatile Electronic Skins for Motion Detection of Joints Enabled by Aligned Few-Walled Carbon Nanotubes in Flexible Polymer Composites. <i>Advanced Functional Materials</i> , 2017 , 27, 1606604	15.6	92
157	Reducing and Uniforming the Co O Particle Size by Sulfonated Graphenal Polymers for Electrochemical Applications. <i>Nanoscale Research Letters</i> , 2017 , 12, 165	5	11
156	Coupling Molecularly Ultrathin Sheets of NiFe-Layered Double Hydroxide on NiCoO Nanowire Arrays for Highly Efficient Overall Water-Splitting Activity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1488-1495	9.5	197
155	A Mixed-Extractor Strategy for Efficient Sorting of Semiconducting Single-Walled Carbon Nanotubes. <i>Advanced Materials</i> , 2017 , 29, 1603565	24	13
154	The loading-rate dependent tensile behavior of CNT film and its bismaleimide composite film. <i>Materials and Design</i> , 2017 , 117, 37-46	8.1	19
153	Property improvements of CNT films induced by wet-stretching and tension-heating post treatments. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 103, 106-112	8.4	7
152	High-efficiency dispersion and sorting of single-walled carbon nanotubes via non-covalent interactions. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11339-11368	7.1	29
151	Electrostatic-Interaction-Assisted Construction of 3D Networks of Manganese Dioxide Nanosheets for Flexible High-Performance Solid-State Asymmetric Supercapacitors. <i>ACS Nano</i> , 2017 , 11, 7879-7888	16.7	100
150	In situ twisting for stabilizing and toughening conductive graphene yarns. <i>Nanoscale</i> , 2017 , 9, 11523-11529	17	17
149	Controllable synthesis of core-sheath structured aligned carbon nanotube/titanium dioxide hybrid fibers by atomic layer deposition. <i>Carbon</i> , 2017 , 123, 151-157	10.4	6

148	High-Performance Composites Produced from Dry-Processable Multi-Walled Carbon Nanotubes 2017, 3-27		
147	Constructing hierarchical dandelion-like molybdenum-bickel-cobalt ternary oxide nanowire arrays on carbon nanotube fiber for high-performance wearable fiber-shaped asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5 , 21153-21160	13	48
146	Molecularly Stacking Manganese Dioxide/Titanium Carbide Sheets to Produce Highly Flexible and Conductive Film Electrodes with Improved Pseudocapacitive Performances. <i>Advanced Energy Materials</i> , 2017, 7 , 1602834	21.8	109
145	Hierarchical carbon nanotube hybrid films for high-performance all-solid-state supercapacitors. <i>RSC Advances</i> , 2017, 7 , 52010-52016	3.7	7
144	Constructing Ultrahigh-Capacity Zinc-Nickel-Cobalt Oxide@Ni(OH) Core-Shell Nanowire Arrays for High-Performance Coaxial Fiber-Shaped Asymmetric Supercapacitors. <i>Nano Letters</i> , 2017, 17 , 7552-7560 ^{11.5}	11.5	196
143	Versatile Cutting Method for Producing Fluorescent Ultrasmall MXene Sheets. <i>ACS Nano</i> , 2017, 11 , 11555-11565	11.5	155
142	Soldering carbon nanotube fibers by targeted electrothermal-induced carbon deposition. <i>Carbon</i> , 2017, 121 , 242-247	10.4	16
141	Stretchable fiber-shaped asymmetric supercapacitors with ultrahigh energy density. <i>Nano Energy</i> , 2017, 39 , 219-228	17.1	158
140	A High Performance Stretchable Asymmetric Fiber-Shaped Supercapacitor with a Core-Sheath Helical Structure. <i>Advanced Energy Materials</i> , 2017, 7 , 1600976	21.8	204
139	Investigation and modification of carbon buckypaper as an electrocatalyst support for oxygen reduction. <i>Journal of Applied Electrochemistry</i> , 2017, 47 , 105-115	2.6	3
138	Contact-dominated transport in carbon nanotube thin films: toward large-scale fabrication of high performance photovoltaic devices. <i>Nanoscale</i> , 2016, 8 , 17122-17130	7.7	8
137	Flexible carbon nanotube/polyurethane electrothermal films. <i>Carbon</i> , 2016, 110 , 343-349	10.4	57
136	Solvent-Tunable Microstructures of Aligned Carbon Nanotube Films. <i>Advanced Materials Interfaces</i> , 2016, 3 , 1600352	4.6	20
135	Carbon-Nanotube Fibers for Wearable Devices and Smart Textiles. <i>Advanced Materials</i> , 2016, 28 , 10529-10538	10.4	244
134	Multilevel composite using carbon nanotube fibers (CNTF). <i>Composites Science and Technology</i> , 2016, 137 , 35-43	8.6	22
133	Photodegrading hexaazapentacene dispersant for surface-clean semiconducting single-walled carbon nanotubes. <i>Carbon</i> , 2016, 105 , 448-453	10.4	6
132	A photodegradable hexaaza-pentacene molecule for selective dispersion of large-diameter semiconducting carbon nanotubes. <i>Chemical Communications</i> , 2016, 52 , 7683-6	5.8	20
131	Functionalization and densification of inter-bundle interfaces for improvement in electrical and thermal transport of carbon nanotube fibers. <i>Carbon</i> , 2016, 105 , 248-259	10.4	44

130	Enhanced dielectric and mechanical properties in chlorine-doped continuous CNT sheet reinforced sandwich polyvinylidene fluoride film. <i>Carbon</i> , 2016 , 107, 405-414	10.4	51
129	Solution-Processable High-Purity Semiconducting SWCNTs for Large-Area Fabrication of High-Performance Thin-Film Transistors. <i>Small</i> , 2016 , 12, 4993-4999	11	72
128	Room Temperature Broadband Infrared Carbon Nanotube Photodetector with High Detectivity and Stability. <i>Advanced Optical Materials</i> , 2016 , 4, 238-245	8.1	78
127	Semiconducting single-walled carbon nanotubes as interfacial modification layers for organic-Si solar cells. <i>Organic Electronics</i> , 2016 , 28, 205-209	3.5	5
126	Mechanical and electrical properties of laminated composites containing continuous carbon nanotube film interleaves. <i>Composites Science and Technology</i> , 2016 , 127, 113-118	8.6	65
125	Photodetectors: Room Temperature Broadband Infrared Carbon Nanotube Photodetector with High Detectivity and Stability (Advanced Optical Materials 2/2016). <i>Advanced Optical Materials</i> , 2016 , 4, 188-188	8.1	1
124	Microcombing enables high-performance carbon nanotube composites. <i>Composites Science and Technology</i> , 2016 , 123, 92-98	8.6	18
123	Hydrogen bonding directed assembly of simonkolleite aerogel by a sol-gel approach. <i>Materials and Design</i> , 2016 , 93, 503-508	8.1	7
122	Vibration-assisted infiltration of nano-compounds to strengthen and functionalize carbon nanotube fibers. <i>Carbon</i> , 2016 , 101, 114-119	10.4	23
121	An electrochemical aptasensor electrocatalyst for detection of thrombin. <i>Analytical Biochemistry</i> , 2016 , 500, 73-9	3.1	7
120	Smart and flexible supercapacitor based on a porous carbon nanotube film and polyaniline hydrogel. <i>RSC Advances</i> , 2016 , 6, 24946-24951	3.7	48
119	Strong, flexible and thermal-resistant CNT/polyarylacetylene nanocomposite films. <i>RSC Advances</i> , 2016 , 6, 4077-4084	3.7	9
118	Bio-inspired Design and Fabrication of Super-Strong and Multifunctional Carbon Nanotube Composites 2016 ,		2
117	Oxygen Evolution Assisted Fabrication of Highly Loaded Carbon Nanotube/MnO ₂ Hybrid Films for High-Performance Flexible Pseudosupercapacitors. <i>Small</i> , 2016 , 12, 2035-45	11	50
116	Assembly Dependent Interfacial Property of Carbon Nanotube Fibers with Epoxy and Its Enhancement via Generalized Surface Sizing . <i>Advanced Engineering Materials</i> , 2016 , 18, 839-845	3.5	15
115	Bio-inspired design and fabrication of an ultralight and strong nano-carbon gradient composite. <i>Materials and Design</i> , 2016 , 107, 198-204	8.1	6
114	An Extraordinary Sulfonated-Graphene-Polymer-Based Electrolyte Separator for All-Solid-State Supercapacitors. <i>Small</i> , 2016 , 12, 4973-4979	11	11
113	Graphene-assisted synthesis of three-dimensional Ni/Co hydroxide nanowire network with enhanced electrochemical capacitive performance. <i>Applied Materials Today</i> , 2016 , 5, 260-267	6.6	4

112	An electromechanical behavior of reduced graphene oxide fiber. <i>Carbon</i> , 2016 , 105, 244-247	10.4	7
111	Growth of Horizontal Semiconducting SWNT Arrays with Density Higher than 100 tubes/ μm using Ethanol/Methane Chemical Vapor Deposition. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6727-304	16.4	34
110	Electrically conductive adhesives based on thermoplastic polyurethane filled with silver flakes and carbon nanotubes. <i>Composites Science and Technology</i> , 2016 , 129, 191-197	8.6	59
109	Omnidirectionally Stretchable High-Performance Supercapacitor Based on Isotropic Buckled Carbon Nanotube Films. <i>ACS Nano</i> , 2016 , 10, 5204-11	16.7	187
108	Selective Growth of Subnanometer Diameter Single-Walled Carbon Nanotube Arrays in Hydrogen-Free CVD. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12723-12726	16.4	17
107	Direct Intertube Cross-Linking of Carbon Nanotubes at Room Temperature. <i>Nano Letters</i> , 2016 , 16, 6541-6547	16.5	22
106	Strengthening and toughening effects by strapping carbon nanotube cross-links with polymer molecules. <i>Composites Science and Technology</i> , 2016 , 135, 123-127	8.6	25
105	Highly Uniform Carbon Nanotube Field-Effect Transistors and Medium Scale Integrated Circuits. <i>Nano Letters</i> , 2016 , 16, 5120-8	11.5	84
104	Growth of high-density horizontally aligned SWNT arrays using Trojan catalysts. <i>Nature Communications</i> , 2015 , 6, 6099	17.4	94
103	A durability study of carbon nanotube fiber based stretchable electronic devices under cyclic deformation. <i>Carbon</i> , 2015 , 94, 352-361	10.4	16
102	Noble metal-comparable SERS enhancement from semiconducting metal oxides by making oxygen vacancies. <i>Nature Communications</i> , 2015 , 6, 7800	17.4	375
101	Impregnation assisted synthesis of 3D nitrogen-doped porous carbon with high capacitance. <i>Carbon</i> , 2015 , 94, 650-660	10.4	54
100	Bio-Inspired Aggregation Control of Carbon Nanotubes for Ultra-Strong Composites. <i>Scientific Reports</i> , 2015 , 5, 11533	4.9	44
99	Alcohol-assisted rapid growth of vertically aligned carbon nanotube arrays. <i>Carbon</i> , 2015 , 91, 45-55	10.4	14
98	Atomic oxygen exposure behaviors of CVD-grown carbon nanotube film and its polymer composite film. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015 , 71, 116-125	8.4	18
97	Stretchable Wire-Shaped Asymmetric Supercapacitors Based on Pristine and MnO ₂ Coated Carbon Nanotube Fibers. <i>ACS Nano</i> , 2015 , 9, 6088-96	16.7	258
96	Strong and Conductive Dry Carbon Nanotube Films by Microcombing. <i>Small</i> , 2015 , 11, 3830-6	11	45
95	Structural modification for carbon nanotube film and the composite film by processing optimization. <i>Applied Surface Science</i> , 2015 , 349, 156-162	6.7	6

94	Polypyrrole/silver coaxial nanowire aero-sponges for temperature-independent stress sensing and stress-triggered Joule heating. <i>ACS Nano</i> , 2015 , 9, 4244-51	16.7	127
93	Fabrication and functionalization of carbon nanotube films for high-performance flexible supercapacitors. <i>Carbon</i> , 2015 , 92, 271-296	10.4	76
92	Large-area growth of ultra-high-density single-walled carbon nanotube arrays on sapphire surface. <i>Nano Research</i> , 2015 , 8, 3694-3703	10	30
91	Macroscopic and Strong Ribbons of Functionality-Rich Metal Oxides from Highly Ordered Assembly of Unilamellar Sheets. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13200-8	16.4	28
90	Wide-Range Tunable Dynamic Property of Carbon-Nanotube-Based Fibers. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500093	4.6	12
89	Enhancing Thermal Conductive Performance of Vertically Aligned Carbon Nanotube Array Composite by Pre-Annealing Treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3212-7	1.3	8
88	Electrochemical fabrication of carbon nanotube/polyaniline hydrogel film for all-solid-state flexible supercapacitor with high areal capacitance. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23864-23870	13	176
87	Tuning carbon nanotube assembly for flexible, strong and conductive films. <i>Nanoscale</i> , 2015 , 7, 3060-6	7.7	42
86	Electrochemical conversion of Ni ₂ (OH) ₂ CO ₃ into Ni(OH) ₂ hierarchical nanostructures loaded on a carbon nanotube paper with high electrochemical energy storage performance. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1875-1878	13	45
85	Porous reduced graphene oxide wrapped carbon nanotube/manganese dioxide nanocables with enhanced electrochemical capacitive performance. <i>RSC Advances</i> , 2015 , 5, 6136-6141	3.7	9
84	Graphene-Based Fibers: A Review. <i>Advanced Materials</i> , 2015 , 27, 5113-31	24	232
83	Coating of Carbon Nanotube Fibers: Variation of Tensile Properties, Failure Behavior, and Adhesion Strength. <i>Frontiers in Materials</i> , 2015 , 2,	4	13
82	Towards formation of fibrous woven memory devices from all-carbon electronic fibers. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7104-8	3.6	10
81	Broadband laser polarization control with aligned carbon nanotubes. <i>Nanoscale</i> , 2015 , 7, 11199-205	7.7	11
80	One-step strategy to a three-dimensional NiS-reduced graphene oxide hybrid nanostructure for high performance supercapacitors. <i>RSC Advances</i> , 2015 , 5, 23073-23079	3.7	71
79	Transfer of vertically aligned carbon nanotube arrays onto flexible substrates for gecko-inspired dry adhesive application. <i>RSC Advances</i> , 2015 , 5, 46749-46759	3.7	22
78	Growth of close-packed semiconducting single-walled carbon nanotube arrays using oxygen-deficient TiO ₂ nanoparticles as catalysts. <i>Nano Letters</i> , 2015 , 15, 403-9	11.5	50
77	Chemical vapor deposition growth of few-layer graphene for transparent conductive films. <i>RSC Advances</i> , 2015 , 5, 44142-44148	3.7	10

76	Rational control on floating catalysts for the growth of carbon nanotube assemblies: From vertically aligned carbon nanotube arrays to carbon nanotube films. <i>Applied Surface Science</i> , 2015 , 353, 651-661	6.7	13
75	Wearable double-twisted fibrous perovskite solar cell. <i>Advanced Materials</i> , 2015 , 27, 3831-5	24	153
74	Ultrastrong carbon nanotube/ bismaleimide composite film with super-aligned and tightly packing structure. <i>Composites Science and Technology</i> , 2015 , 117, 176-182	8.6	25
73	Carbon Nanotube/Cu Nanowires/Epoxy Composite Mats with Improved Thermal and Electrical Conductivity. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3265-70	1.3	10
72	A versatile approach to obtain a high-purity semiconducting single-walled carbon nanotube dispersion with conjugated polymers. <i>Chemical Communications</i> , 2015 , 51, 4712-4	5.8	15
71	Interlocked CNT networks with high damping and storage modulus. <i>Carbon</i> , 2015 , 86, 46-53	10.4	60
70	Elastic, conductive, polymeric hydrogels and sponges. <i>Scientific Reports</i> , 2014 , 4, 5792	4.9	120
69	Planar-defect-rich zinc oxide nanoparticles assembled on carbon nanotube films as ultraviolet emitters and photocatalysts. <i>Scientific Reports</i> , 2014 , 4, 4728	4.9	38
68	Boosting Electrocatalytic Performances of Palladium Nanoparticles by Coupling with Metallic Single-Walled Carbon Nanotubes. <i>Chemistry of Materials</i> , 2014 , 26, 2789-2794	9.6	8
67	Programmable writing of graphene oxide/reduced graphene oxide fibers for sensible networks with in situ welded junctions. <i>ACS Nano</i> , 2014 , 8, 4325-33	16.7	45
66	Mechanical and electrical properties of aligned carbon nanotube/carbon matrix composites. <i>Carbon</i> , 2014 , 75, 307-313	10.4	38
65	Triton assisted fabrication of uniform semiconducting single-walled carbon nanotube networks for highly sensitive gas sensors. <i>Carbon</i> , 2014 , 66, 369-376	10.4	14
64	Carbon Nanotube Fiber Based Stretchable Wire-Shaped Supercapacitors. <i>Advanced Energy Materials</i> , 2014 , 4, 1300759	21.8	271
63	Transport behaviors of photo-carriers across the aligned carbon nanotubes and silicon interface. <i>Nanoscale</i> , 2014 , 6, 11681-4	7.7	7
62	An interface nanostructured array guided high performance electrochemical actuator. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 16836-16841	13	39
61	Spontaneous assembly of strong and conductive graphene/polypyrrole hybrid aerogels for energy storage. <i>Nanoscale</i> , 2014 , 6, 12912-20	7.7	81
60	Hydrothermal deposition of a zinc oxide nanorod array on a carbon nanotube film as a piezoelectric generator. <i>RSC Advances</i> , 2014 , 4, 43772-43777	3.7	17
59	Polymethylmethacrylate coating on aligned carbon nanotube/silicon solar cells for performance improvement. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4140-4143	13	49

58	Facile assembly of Ni-Co hydroxide nanoflakes on carbon nanotube network with highly electrochemical capacitive performance. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 19630-7	9.5	76
57	Dry-processable carbon nanotubes for functional devices and composites. <i>Small</i> , 2014 , 10, 4606-25	11	53
56	State of the art of single-walled carbon nanotube synthesis on surfaces. <i>Advanced Materials</i> , 2014 , 26, 5898-922	24	60
55	Single-crystalline tungsten oxide quantum dots for fast pseudocapacitor and electrochromic applications. <i>Advanced Materials</i> , 2014 , 26, 4260-7	24	285
54	Hierarchical CNT@NiCo ₂ O ₄ core-shell hybrid nanostructure for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 11509-11515	13	89
53	Synergy of W ₁₈ O ₄₉ and polyaniline for smart supercapacitor electrode integrated with energy level indicating functionality. <i>Nano Letters</i> , 2014 , 14, 2150-6	11.5	230
52	Crack-free and scalable transfer of carbon nanotube arrays into flexible and highly thermal conductive composite film. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 539-44	9.5	46
51	Synthesis and failure behavior of super-aligned carbon nanotube film wrapped graphene fibers. <i>Carbon</i> , 2014 , 72, 250-256	10.4	18
50	Highly aligned dense carbon nanotube sheets induced by multiple stretching and pressing. <i>Nanoscale</i> , 2014 , 6, 4338-44	7.7	99
49	Thermal performance of vertically-aligned multi-walled carbon nanotube array grown on platinum film. <i>Carbon</i> , 2014 , 77, 266-274	10.4	19
48	Carbon nanotube fibers spun from a sizing material. <i>Applied Physics Letters</i> , 2014 , 105, 261903	3.4	3
47	Wafer-scale transfer of vertically aligned carbon nanotube arrays. <i>Journal of the American Chemical Society</i> , 2014 , 136, 18156-62	16.4	39
46	Electro-induced mechanical and thermal responses of carbon nanotube fibers. <i>Advanced Materials</i> , 2014 , 26, 2480-5	24	70
45	Dendrimer-linked, renewable and magnetic carbon nanotube aerogels. <i>Materials Horizons</i> , 2014 , 1, 232-236	10.4	31
44	Effect of acidification conditions on the properties of carbon nanotube fibers. <i>Applied Surface Science</i> , 2014 , 292, 469-474	6.7	34
43	Tailoring the structure and nitrogen content of nitrogen-doped carbon nanotubes by water-assisted growth. <i>Carbon</i> , 2014 , 69, 247-254	10.4	21
42	Stress relaxation in carbon nanotube-based fibers for load-bearing applications. <i>Carbon</i> , 2013 , 52, 347-355	5.4	21
41	Graphene-patched CNT/MnO ₂ nanocomposite papers for the electrode of high-performance flexible asymmetric supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 3408-16	9.5	299

40	Active carbon wrapped carbon nanotube buckypaper for the electrode of electrochemical supercapacitors. <i>Journal of Power Sources</i> , 2013 , 237, 325-331	8.9	46
39	Designing large-plane conjugated copolymers for the high-yield sorting of semiconducting single-walled carbon nanotubes. <i>Chemical Communications</i> , 2013 , 49, 10492-4	5.8	20
38	A modified spray-winding approach to enhance the tensile performance of array-based carbon nanotube composite films. <i>Carbon</i> , 2013 , 65, 187-195	10.4	23
37	High performance plasmonic random laser based on nanogaps in bimetallic porous nanowires. <i>Applied Physics Letters</i> , 2013 , 103, 023504	3.4	32
36	Enhancing buckypaper conductivity through co-deposition with copper nanowires. <i>Carbon</i> , 2013 , 61, 501-506	10.4	13
35	The interfacial strength and fracture characteristics of ethanol and polymer modified carbon nanotube fibers in their epoxy composites. <i>Carbon</i> , 2013 , 52, 550-558	10.4	39
34	Enhancing interfacial adhesion and functionality of carbon nanotube fibers with depolymerized chitosan. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2009	7.1	14
33	Aligned carbon nanotubes for high-efficiency Schottky solar cells. <i>Small</i> , 2013 , 9, 1367-72	11	43
32	Functionalization of porous agarose film with single-walled carbon nanotubes as excellent electrochemical interface materials. <i>Polymer Composites</i> , 2013 , 34, 482-486	3	2
31	Robust and aligned carbon nanotube/titania core/shell films for flexible TCO-free photoelectrodes. <i>Small</i> , 2013 , 9, 148-55	11	17
30	Carbon Nanotube Fiber Based Stretchable Conductor. <i>Advanced Functional Materials</i> , 2013 , 23, 789-793	15.6	88
29	Mechanical Behavior and Structural Evolution of Carbon Nanotube Films and Fibers Under Tension: A Coarse-Grained Molecular Dynamics Study. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2013 , 80,	2.7	13
28	Effect of the filler structure of carbon nanomaterials on the electrical, thermal, and rheological properties of epoxy composites. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 3366-3372	2.9	34
27	Carbon nanotube fibers for electrochemical applications: effect of enhanced interfaces by an acid treatment. <i>Nanoscale</i> , 2012 , 4, 7464-8	7.7	81
26	Aligned coaxial tungsten oxide-carbon nanotube sheet: a flexible and gradient electrochromic film. <i>Chemical Communications</i> , 2012 , 48, 8252-4	5.8	38
25	Architecting Three-Dimensional Networks in Carbon Nanotube Buckypapers for Thermal Interface Materials. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 3903-3909	3.8	81
24	Enhancement of carbon nanotube fibres using different solvents and polymers. <i>Composites Science and Technology</i> , 2012 , 72, 1402-1407	8.6	113
23	Multifunctionalization of carbon nanotube fibers with the aid of graphene wrapping. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16277		17

22	Ultrastrong, foldable, and highly conductive carbon nanotube film. <i>ACS Nano</i> , 2012 , 6, 5457-64	16.7	133
21	Binary gradient elution of semiconducting single-walled carbon nanotubes by gel chromatography for their separation according to chirality. <i>Carbon</i> , 2012 , 50, 332-335	10.4	27
20	The effective interfacial shear strength of carbon nanotube fibers in an epoxy matrix characterized by a microdroplet test. <i>Carbon</i> , 2012 , 50, 1271-1279	10.4	104
19	Mechanical and electrical property improvement in CNT/Nylon composites through drawing and stretching. <i>Composites Science and Technology</i> , 2011 , 71, 1677-1683	8.6	106
18	Continuous electrodeposition for lightweight, highly conducting and strong carbon nanotube-copper composite fibers. <i>Nanoscale</i> , 2011 , 3, 4215-9	7.7	93
17	Dependence of structures and properties of carbon nanotube fibers on heating treatment. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13772		40
16	Carbon nanotube composite films with switchable transparency. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 658-61	9.5	34
15	A comparison of the mechanical properties of fibers spun from different carbon nanotubes. <i>Carbon</i> , 2011 , 49, 1333-1339	10.4	125
14	Producing superior composites by winding carbon nanotubes onto a mandrel under a poly(vinyl alcohol) spray. <i>Carbon</i> , 2011 , 49, 4786-4791	10.4	100
13	Enhanced carbon nanotube fibers by polyimide. <i>Applied Physics Letters</i> , 2010 , 97, 181906	3.4	47
12	Enhancement of friction between carbon nanotubes: an efficient strategy to strengthen fibers. <i>ACS Nano</i> , 2010 , 4, 312-6	16.7	66
11	Understanding the Electrophoretic Separation of Single-Walled Carbon Nanotubes Assisted by Thionine as a Probe. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19234-19238	3.8	19
10	Double-peak mechanical properties of carbon-nanotube fibers. <i>Small</i> , 2010 , 6, 2612-7	11	80
9	Electrochromatic carbon nanotube/polydiacetylene nanocomposite fibres. <i>Nature Nanotechnology</i> , 2009 , 4, 738-41	28.7	294
8	Vertically aligned pearl-like carbon nanotube arrays for fiber spinning. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1130-1	16.4	79
7	Strong carbon-nanotube fibers spun from long carbon-nanotube arrays. <i>Small</i> , 2007 , 3, 244-8	11	330
6	Temperature-mediated growth of single-walled carbon-nanotube intramolecular junctions. <i>Nature Materials</i> , 2007 , 6, 283-6	27	215
5	Drying induced upright sliding and reorganization of carbon nanotube arrays. <i>Nanotechnology</i> , 2006 , 17, 4533-6	3.4	25

4	Self-organization of carbon nanotubes in evaporating droplets. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 13926-30	3.4	103
3	High-Purity Monochiral Carbon Nanotubes with a 1.2 μ m Diameter for High-Performance Field-Effect Transistors. <i>Advanced Functional Materials</i> ,2107119	15.6	3
2	Modulus-Tailorable, Stretchable, and Biocompatible Carbonene Fiber for Adaptive Neural Electrode. <i>Advanced Functional Materials</i> ,2107360	15.6	4
1	Interconnected surface-vacancy-rich PtFe nanowires for efficient oxygen reduction. <i>Journal of Materials Chemistry A</i> ,	13	7