

# Gengzhi Sun

## List of Publications by Year in descending order

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117  
papers

7,796  
citations

53794

45  
h-index

53230

85  
g-index

120  
all docs

120  
docs citations

120  
times ranked

9617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of all-carbon micro/nanoscale interconnected sulfur host for high-rate and ultra-stable lithium-sulfur batteries: Role of oxygen-containing functional groups. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 459-469.	9.4	13
2	Hybrid fibers assembled from MoSe <sub>2</sub> /graphene heterostructures endow improved supercapacitive performance. <i>Carbon</i> , 2022, 187, 165-172.	10.3	29
3	Enhanced Jahn-Teller distortion boosts molybdenum trioxide's superior lithium ion storage capability. <i>Dalton Transactions</i> , 2022, 51, 524-531.	3.3	11
4	Revisiting Charge Storage Mechanism of Reduced Graphene Oxide in Zinc Ion Hybrid Capacitor beyond the Contribution of Oxygen-Containing Groups. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	45
5	A high-voltage solar rechargeable device based on a CoPi/BiVO <sub>4</sub> faradaic junction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1802-1807.	10.3	6
6	2D material-based peroxidase-mimicking nanozymes: catalytic mechanisms and bioapplications. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2971-2989.	3.7	11
7	Universal Strategy for Preparing Highly Stable PBA/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene toward Lithium-Ion Batteries via Chemical Transformation. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 15298-15306.	8.0	30
8	Wet-Chemistry: A Useful Tool for Deriving Metal-Organic Frameworks toward Supercapacitors and Secondary Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	9
9	Tunable hierarchical hexagonal nickel telluride (Ni <sub>3</sub> Te <sub>2</sub> ) laminated microsheets as flexible counter electrodes for high-performance fibrous dye-sensitized solar cells: Accelerated electrocatalysis reduction of I <sup>3-</sup> ions. <i>Chemical Engineering Journal</i> , 2022, 442, 136286.	12.7	5
10	Stiffness Engineering of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene-Based Skin-Inspired Pressure Sensor with Broad-Range Ultrasensitivity, Low Detection Limit, and Gas Permeability. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	15
11	Design of Vertically Aligned Two-Dimensional Heterostructures of Rigid Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene and Pliable Vanadium Pentoxide for Efficient Lithium Ion Storage. <i>ACS Nano</i> , 2022, 16, 5556-5565.	14.6	33
12	Photovoltage memory effect in a portable Faradaic junction solar rechargeable device. <i>Nature Communications</i> , 2022, 13, 2544.	12.8	11
13	Mechanisms for self-templating design of micro/nanostructures toward efficient energy storage. <i>Exploration</i> , 2022, 2, .	11.0	11
14	Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> @Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Hollow Structures Synergizing the Merits of Conversion and Intercalation for Efficient Lithium Ion Storage. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	8
15	Surface strain-enhanced MoS <sub>2</sub> as a high-performance cathode catalyst for lithium-sulfur batteries. <i>EScience</i> , 2022, 2, 405-415.	41.6	70
16	A Review on the Prediction of Health State and Serving Life of Lithium-Ion Batteries. <i>Chemical Record</i> , 2022, 22, .	5.8	6
17	Mesh-like vertical structures enable both high areal capacity and excellent rate capability. <i>Journal of Energy Chemistry</i> , 2021, 53, 226-233.	12.9	18
18	A Capacitor-type Faradaic Junction for Direct Solar Energy Conversion and Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1390-1395.	13.8	19

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19	Dissymmetric interface design of SnO <sub>2</sub> /TiO <sub>2</sub> side-by-side bi-component nanofibers as photoanodes for dye sensitized solar cells: Facilitated electron transport and enhanced carrier separation. Journal of Colloid and Interface Science, 2021, 583, 24-32.	9.4	21
20	Time-dependent microstructural evolution mechanisms of twisted carbon nanotube fibers under tension and relaxation. International Journal of Plasticity, 2021, 136, 102866.	8.8	9
21	A Capacitor-type Faradaic Junction for Direct Solar Energy Conversion and Storage. Angewandte Chemie, 2021, 133, 1410-1415.	2.0	1
22	Ultrathin NiMn layered double hydroxide nanosheets with a superior peroxidase mimicking performance to natural HRP for disposable paper-based bioassays. Journal of Materials Chemistry B, 2021, 9, 983-991.	5.8	22
23	Tough Interfacial Adhesion of Bilayer Hydrogels with Integrated Shape Memory and Elastic Properties for Controlled Shape Deformation. ACS Applied Materials & Interfaces, 2021, 13, 10457-10466.	8.0	26
24	Design of highly ordered hierarchical catalytic nanostructures as high-flexibility counter electrodes for fiber-shaped dye-sensitized solar cells. Applied Physics Letters, 2021, 118, .	3.3	7
25	Recent Advances in Molybdenum-Based Materials for Lithium-Sulfur Batteries. Research, 2021, 2021, 5130420.	5.7	31
26	Ti <sub>3</sub> C <sub>2</sub> T <sub>X</sub> MXene for Sensing Applications: Recent Progress, Design Principles, and Future Perspectives. ACS Nano, 2021, 15, 3996-4017.	14.6	361
27	The Jahn-Teller Effect for Amorphization of Molybdenum Trioxide towards High-Performance Fiber Supercapacitor. Research, 2021, 2021, 6742715.	5.7	14
28	Ammonium Intercalation Induced Expanded 1T-Rich Molybdenum Diselenides for Improved Lithium Ion Storage. ACS Applied Materials & Interfaces, 2021, 13, 17459-17466.	8.0	42
29	Amorphous phase induced high phosphorous-doping in dandelion-like cobalt sulfides for enhanced battery-supercapacitor hybrid device. Journal of Electroanalytical Chemistry, 2021, 889, 115231.	3.8	17
30	Fe,N-doped carbon as peroxidase mimics for single-use colorimetric bioassays. Journal of Materials Science, 2021, 56, 13579-13589.	3.7	12
31	Site-Selective Transformation for Preparing Tripod-like NiCo-Sulfides@Carbon Boosts Enhanced Areal Capacity and Cycling Reliability. ACS Applied Materials & Interfaces, 2021, 13, 25316-25324.	8.0	11
32	High-Performance Foam-Shaped Strain Sensor Based on Carbon Nanotubes and Ti <sub>3</sub> C <sub>2</sub> T <sub>X</sub> MXene for the Monitoring of Human Activities. ACS Nano, 2021, 15, 9690-9700.	14.6	191
33	Tough, Transparent, and Anti-Freezing Nanocomposite Organohydrogels with Photochromic Properties. ACS Applied Materials & Interfaces, 2021, 13, 31180-31192.	8.0	32
34	Designing Tubular Architectures Composed of Hollow N-Doped Carbon Polyhedrons for Improved Supercapacitance. Advanced Materials Interfaces, 2021, 8, 2100805.	3.7	11
35	Near-infrared responsive shape memory hydrogels with programmable and complex shape-morphing. Science China Technological Sciences, 2021, 64, 1752-1764.	4.0	15
36	Elastic organic crystals with ultralong phosphorescence for flexible anti-counterfeiting. Npj Flexible Electronics, 2021, 5, .	10.7	29

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37	Deciphering the catalysis essence of vanadium self-intercalated two-dimensional vanadium sulfides (V5S8) on lithium polysulfide towards high-rate and ultra-stable Li-S batteries. <i>Energy Storage Materials</i> , 2021, 43, 471-481.	18.0	38
38	Dual Enhancement of Sodium Storage Induced through Both S-Compositing and Co-Doping Strategies. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 54043-54058.	8.0	3
39	Scalable preparation of high performance fibrous electrodes with bio-inspired compact core-fluffy sheath structure for wearable supercapacitors. <i>Carbon</i> , 2020, 157, 106-112.	10.3	48
40	A facile grinding approach to embed red phosphorus in N,P-codoped hierarchical porous carbon for superior lithium storage. <i>Science China Materials</i> , 2020, 63, 55-61.	6.3	16
41	Cooperative chemisorption of polysulfides via 2D hexagonal WS <sub>2</sub> -rimmed Co <sub>9</sub> S <sub>8</sub> heterostructures for lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2020, 392, 123734.	12.7	45
42	Jahn-Teller distortions boost the ultrahigh areal capacity and cycling robustness of holey NiMn-hydroxide nanosheets for flexible energy storage devices. <i>Nanoscale</i> , 2020, 12, 22075-22081.	5.6	26
43	The incorporation of expanded 1T-enriched MoS <sub>2</sub> boosts hybrid fiber improved charge storage capability. <i>Carbon</i> , 2020, 170, 543-549.	10.3	35
44	Polyaniline-Decorated Supramolecular Hydrogel with Tough, Fatigue-Resistant, and Self-Healable Performances for All-In-One Flexible Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 9736-9745.	8.0	119
45	Highly enhanced electrochemical cycling stabilities of hierarchical partially-embedded MnO/carbon nanofiber composites as supercapacitor electrodes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114684.	3.5	10
46	Ultrastable lithium-sulfur batteries with outstanding rate capability boosted by NiAs-type vanadium sulfides. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18358-18366.	10.3	26
47	Constructing a Low-Impedance Interface on a High-Voltage LiNi <sub>0.8</sub> Co <sub>0.1</sub> Mn <sub>0.1</sub> O <sub>2</sub> Cathode with 2,4,6-Triphenyl Boroxine as a Film-Forming Electrolyte Additive for Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 37013-37026.	8.0	86
48	Hierarchically tubular architectures composed of vertical carbon nanosheets embedded with oxygen-vacancy enriched hollow Co <sub>3</sub> O <sub>4</sub> nanoparticles for improved energy storage. <i>Electrochimica Acta</i> , 2020, 356, 136843.	5.2	14
49	Microstructure Design of Carbonaceous Fibers: A Promising Strategy toward High-Performance Weaveable/Wearable Supercapacitors. <i>Small</i> , 2020, 16, e2000653.	10.0	48
50	Mechanistic insight in site-selective and anisotropic etching of prussian blue analogues toward designable complex architectures for efficient energy storage. <i>Nanoscale</i> , 2020, 12, 11112-11118.	5.6	29
51	Reversible Charge Transfer and Adjustable Potential Window in Semiconductor/Faradaic Layer/Liquid Junctions. <i>IScience</i> , 2020, 23, 100949.	4.1	17
52	Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2020, 56, 5131-5134.	4.1	28
53	High-Strength Albumin Hydrogels With Hybrid Cross-Linking. <i>Frontiers in Chemistry</i> , 2020, 8, 106.	3.6	12
54	Solution-Processed Sensing Textiles with Adjustable Sensitivity and Linear Detection Range Enabled by Twisting Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12155-12164.	8.0	28

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55	Recent Advances in Design of Flexible Electrodes for Miniaturized Supercapacitors. <i>Small Methods</i> , 2020, 4, 1900824.	8.6	56
56	Electrostatically Assembling 2D Nanosheets of MXene and MOF Derivatives into 3D Hollow Frameworks for Enhanced Lithium Storage. <i>Small</i> , 2019, 15, e1904255.	10.0	138
57	Ultrasensitive Anti-Interference Voice Recognition by Bio-Inspired Skin-Attachable Self-Cleaning Acoustic Sensors. <i>ACS Nano</i> , 2019, 13, 13293-13303.	14.6	122
58	Identifying the active site of ultrathin NiCo LDH as an efficient peroxidase mimic with superior substrate affinity for sensitive detection of hydrogen peroxide. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6232-6237.	5.8	55
59	One-pot sulfur-containing ion assisted microwave synthesis of reduced graphene oxide@nano-sulfur fibrous hybrids for high-performance lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2019, 325, 134920.	5.2	24
60	Polarity-assisted formation of hollow-frame sheathed nitrogen-doped nanofibrous carbon for supercapacitors. <i>Nanoscale</i> , 2019, 11, 2492-2500.	5.6	62
61	Assembling laminated films via the synchronous reduction of graphene oxide and formation of copper-based metal organic frameworks. <i>Journal of Materials Chemistry A</i> , 2019, 7, 107-111.	10.3	26
62	Conductive regenerated silk-fibroin-based hydrogels with integrated high mechanical performances. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1708-1715.	5.8	68
63	Stabilizing LiCoO <sub>2</sub> /Graphite at High Voltages with an Electrolyte Additive. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17940-17951.	8.0	83
64	Rational Design of a Flexible CNTs@PDMS Film Patterned by Bio-Inspired Templates as a Strain Sensor and Supercapacitor. <i>Small</i> , 2019, 15, e1805493.	10.0	91
65	Covalent organic framework-regulated ionic transportation for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26540-26548.	10.3	48
66	Effect of TiO <sub>2</sub> -rGO heterojunction on electron collection efficiency and mechanical properties of fiber-shaped dye-sensitized solar cells. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 095502.	2.8	20
67	Holey nickel hydroxide nanosheets for wearable solid-state fiber-supercapacitors. <i>Nanoscale</i> , 2018, 10, 5442-5448.	5.6	50
68	Dual-Function Metal-Organic Framework-Based Wearable Fibers for Gas Probing and Energy Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2837-2842.	8.0	68
69	Gas sensing enhancing mechanism via doping-induced oxygen vacancies for gas sensors based on indium tin oxide nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 273-284.	7.8	77
70	Sensitive fiber microelectrode made of nickel hydroxide nanosheets embedded in highly-aligned carbon nanotube scaffold for nonenzymatic glucose determination. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 23-28.	7.8	80
71	Design of a wearable and shape-memory fibriform sensor for the detection of multimodal deformation. <i>Nanoscale</i> , 2018, 10, 118-123.	5.6	58
72	Oxygen vacancy enriched hollow cobaltic oxide frames with ultrathin walls for efficient energy storage and biosensing. <i>Nanoscale</i> , 2018, 10, 21006-21012.	5.6	60

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73	Direct storage of holes in ultrathin Ni(OH) <sub>2</sub> on Fe <sub>2</sub> O <sub>3</sub> photoelectrodes for integrated solar charging battery-type supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21360-21367.	10.3	44
74	In Situ Fabrication of Ni <sub>2</sub> P Nanoparticles Embedded in Nitrogen and Phosphorus Codoped Carbon Nanofibers as a Superior Anode for Li-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14795-14801.	6.7	41
75	Solution-Processable Design of Fiber-Shaped Wearable Zn//Ni(OH) <sub>2</sub> Battery. <i>Energy Technology</i> , 2018, 6, 2326-2332.	3.8	24
76	A Solid-State Fibriform Supercapacitor Boosted by Host-Guest Hybridization between the Carbon Nanotube Scaffold and MXene Nanosheets. <i>Small</i> , 2018, 14, e1801203.	10.0	158
77	Single-Step Selective Laser Writing of Flexible Photodetectors for Wearable Optoelectronics. <i>Advanced Science</i> , 2018, 5, 1800496.	11.2	87
78	Twist induced plasticity and failure mechanism of helical carbon nanotube fibers under different strain rates. <i>International Journal of Plasticity</i> , 2018, 110, 74-94.	8.8	26
79	Ultrathin and large-sized vanadium oxide nanosheets mildly prepared at room temperature for high performance fiber-based supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2483-2487.	10.3	66
80	Interface/defect-tuneable macro and micro photoluminescence behaviours of trivalent europium ions in electrospun ZrO <sub>2</sub> /ZnO porous nanobelts. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 9223-9231.	2.8	16
81	Energy storage mechanism in aqueous fiber-shaped Li-ion capacitors based on aligned hydrogenated-Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanowires. <i>Nanoscale</i> , 2017, 9, 8192-8199.	5.6	26
82	Robust wire-based supercapacitors based on hierarchical $\pm$ -MoO <sub>3</sub> nanosheet arrays with well-aligned laminated structure. <i>Chemical Engineering Journal</i> , 2017, 320, 34-42.	12.7	41
83	Design of Amorphous Manganese Oxide@Multiwalled Carbon Nanotube Fiber for Robust Solid-State Supercapacitor. <i>ACS Nano</i> , 2017, 11, 444-452.	14.6	216
84	Constructing optimized three-dimensional electrochemical interface in carbon nanofiber/carbon nanotube hierarchical composites for high-energy-density supercapacitors. <i>Carbon</i> , 2017, 111, 502-512.	10.3	47
85	General Metal-Ion Mediated Method for Functionalization of Graphene Fiber. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37022-37030.	8.0	23
86	Highly Concentrated, Ultrathin Nickel Hydroxide Nanosheet Ink for Wearable Energy Storage Devices. <i>Advanced Materials</i> , 2017, 29, 1703455.	21.0	62
87	Electrochemically Mediated Surface-Initiated de Novo Growth of Polymers for Amplified Electrochemical Detection of DNA. <i>Analytical Chemistry</i> , 2017, 89, 9253-9259.	6.5	73
88	All-Graphene-Based Highly Flexible Noncontact Electronic Skin. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44593-44601.	8.0	110
89	5-Carboxyfluorescein: intrinsic peroxidase-like catalytic activity and its application in the biomimetic synthesis of polyaniline nanoplatelets. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5937-5941.	5.8	9
90	â€œRose Flowersâ€ assembled from mesoporous NiFe <sub>2</sub> O <sub>4</sub> nanosheets for energy storage devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14058-14068.	2.2	20

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91	Weavable, High-Performance, Solid-State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. <i>Advanced Electronic Materials</i> , 2016, 2, 1600102.	5.1	47
92	Direct Preparation of Carbon Nanotube Intramolecular Junctions on Structured Substrates. <i>Scientific Reports</i> , 2016, 6, 38032.	3.3	11
93	Engineering the Li Storage Properties of Graphene Anodes: Defect Evolution and Pore Structure Regulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 33712-33722.	8.0	20
94	Achieving stable and efficient water oxidation by incorporating NiFe layered double hydroxide nanoparticles into aligned carbon nanotubes. <i>Nanoscale Horizons</i> , 2016, 1, 156-160.	8.0	99
95	Tunable white light emission by variation of composition and defects of electrospun $Al_2O_3/SiO_2$ nanofibers. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 313-320.	2.8	19
96	Microfiber devices based on carbon materials. <i>Materials Today</i> , 2015, 18, 215-226.	14.2	57
97	Hybrid Fibers Made of Molybdenum Disulfide, Reduced Graphene Oxide, and Multi-Walled Carbon Nanotubes for Solid-State, Flexible, Asymmetric Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4651-4656.	13.8	334
98	Trench structure assisted alignment in ultralong and dense carbon nanotube arrays. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2215-2222.	5.5	14
99	Layer-by-layer printing of laminated graphene-based interdigitated microelectrodes for flexible planar micro-supercapacitors. <i>Electrochemistry Communications</i> , 2015, 51, 33-36.	4.7	169
100	Actuation triggered exfoliation of graphene oxide at low temperature for electrochemical capacitor applications. <i>Carbon</i> , 2014, 68, 748-754.	10.3	47
101	Highly sensitive detection of hydrogen peroxide at a carbon nanotube fiber microelectrode coated with palladium nanoparticles. <i>Mikrochimica Acta</i> , 2014, 181, 63-70.	5.0	46
102	Highly Reliable Carbon Nanotube-Based Composite Fibers Cross-Linked by a 3D Polymer Network. <i>Advanced Engineering Materials</i> , 2014, 16, 961-965.	3.5	11
103	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transition-Metal Dichalcogenides and their Application as Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12576-12580.	13.8	119
104	Heteroatom-doped graphene materials: syntheses, properties and applications. <i>Chemical Society Reviews</i> , 2014, 43, 7067-7098.	38.1	1,547
105	Probing structure and strain transfer in dry-spun carbon nanotube fibers by depth-profiled Raman spectroscopy. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	20
106	Load-transfer efficiency and mechanical reliability of carbon nanotube fibers under low strain rates. <i>International Journal of Plasticity</i> , 2013, 40, 56-64.	8.8	41
107	Clothing polymer fibers with well-aligned and high-aspect ratio carbon nanotubes. <i>Nanoscale</i> , 2013, 5, 2870.	5.6	37
108	Nonlinear stress-strain behavior of carbon nanotube fibers subject to slow sustained strain rate. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	7

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109	Preparation of Weavable, All- $\text{C}$ Carbon Fibers for Non-Volatile Memory Devices. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13351-13355.	13.8	67
110	A modified Weibull model for tensile strength distribution of carbon nanotube fibers with strain rate and size effects. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	52
111	Fabrication of Microscale Carbon Nanotube Fibers. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-10.	2.7	6
112	Self-powered, visible-light photodetector based on thermally reduced graphene oxide/ $\text{ZnO}$ ( $\text{rGO}/\text{ZnO}$ ) hybrid nanostructure. <i>Journal of Materials Chemistry</i> , 2012, 22, 2589-2595.	6.7	285
113	Polarization behaviors of twisted carbon nanotube fibers. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1221-1226.	2.5	21
114	Electrochemical capacitive properties of CNT fibers spun from vertically aligned CNT arrays. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1775-1780.	2.5	52
115	Reliable and Large Curvature Actuation from Gradient-Structured Graphene Oxide. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23741-23744.	3.1	34
116	Ultra-sensitive and wide-dynamic-range sensors based on dense arrays of carbon nanotube tips. <i>Nanoscale</i> , 2011, 3, 4854.	5.6	34
117	Tuning Array Morphology for High-Strength Carbon Nanotube Fibers. <i>Small</i> , 2010, 6, 132-137.	10.0	79