Qunqing Li

List of Publications by Year
in descending order

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171 papers	11,464 citations	44069 48 h-index	29157 104 g-index
176 all docs	176 docs citations	176 times ranked	13199 citing authors

#	Article	IF	Citations
1	Synthesis of Gallium Nitride Nanorods Through a Carbon Nanotube-Confined Reaction. Science, 1997, 277, 1287-1289.	12.6	1,272
2	Spinning continuous carbon nanotube yarns. Nature, 2002, 419, 801-801.	27.8	1,023
3	Spinning and Processing Continuous Yarns from 4-Inch Wafer Scale Super-Aligned Carbon Nanotube Arrays. Advanced Materials, 2006, 18, 1505-1510.	21.0	563
4	Fabrication of Ultralong and Electrically Uniform Single-Walled Carbon Nanotubes on Clean Substrates. Nano Letters, 2009, 9, 3137-3141.	9.1	516
5	Flexible, Stretchable, Transparent Carbon Nanotube Thin Film Loudspeakers. Nano Letters, 2008, 8, 4539-4545.	9.1	472
6	Crossâ€Stacked Carbon Nanotube Sheets Uniformly Loaded with SnO₂ Nanoparticles: A Novel Binderâ€Free and Highâ€Capacity Anode Material for Lithiumâ€Ion Batteries. Advanced Materials, 2009, 21, 2299-2304.	21.0	444
7	Superaligned Carbon Nanotube Arrays, Films, and Yarns: A Road to Applications. Advanced Materials, 2011, 23, 1154-1161.	21.0	391
8	Flexible, Stretchable, Transparent Conducting Films Made from Superaligned Carbon Nanotubes. Advanced Functional Materials, 2010, 20, 885-891.	14.9	363
9	Controlled Fabrication of High-Quality Carbon Nanoscrolls from Monolayer Graphene. Nano Letters, 2009, 9, 2565-2570.	9.1	312
10	Ultrathin MnO₂/Graphene Oxide/Carbon Nanotube Interlayer as Efficient Polysulfideâ€Trapping Shield for Highâ€Performance Liâ€“S Batteries. Advanced Functional Materials, 2017, 27, 1606663.	14.9	306
11	Binderâ€Free LiCoO₂/Carbon Nanotube Cathodes for Highâ€Performance Lithium Ion Batteries. Advanced Materials, 2012, 24, 2294-2298.	21.0	271
12	Continuous synthesis and characterization of silicon carbide nanorods. Chemical Physics Letters, 1997, 265, 374-378.	2.6	212
13	Measuring the Work Function of Carbon Nanotubes with Thermionic Method. Nano Letters, 2008, 8, 647-651.	9.1	199
14	Sulfur Embedded in a Mesoporous Carbon Nanotube Network as a Binder-Free Electrode for High-Performance Lithiumâ€“Sulfur Batteries. ACS Nano, 2016, 10, 1300-1308.	14.6	196
15	Carbon nanotube/epoxy composites fabricated by resin transfer molding. Carbon, 2010, 48, 260-266.	10.3	195
16	Synthesis of silicon nitride nanorods using carbon nanotube as a template. Applied Physics Letters, 1997, 71, 2271-2273.	3.3	191
17	Highly Sensitive Surface-Enhanced Raman Scattering Substrate Made from Superaligned Carbon Nanotubes. Nano Letters, 2010, 10, 1747-1753.	9.1	157
18	Fano resonances in dipole-quadrupole plasmon coupling nanorod dimers. Optics Letters, 2011, 36, 1542.	3.3	139

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19	The Dependence of Graphene Raman D-band on Carrier Density. Nano Letters, 2013, 13, 6170-6175.	9.1	138
20	Coating of Carbon Nanotube with Nickel by Electroless Plating Method. Japanese Journal of Applied Physics, 1997, 36, L501-L503.	1.5	117
21	Flexible and transparent strain sensors based on super-aligned carbon nanotube films. Nanoscale, 2017, 9, 6716-6723.	5.6	108
22	Enhanced performance of lithium-sulfur batteries with an ultrathin and lightweight MoS2/carbon nanotube interlayer. Journal of Power Sources, 2018, 389, 169-177.	7.8	107
23	Super-aligned carbon nanotube films as aligning layers and transparent electrodes for liquid crystal displays. Carbon, 2010, 48, 1876-1879.	10.3	100
24	Fast Highâ€Temperature Response of Carbon Nanotube Film and Its Application as an Incandescent Display. Advanced Materials, 2009, 21, 3563-3566.	21.0	91
25	In Situ TEM observation of the gasification and growth of carbon nanotubes using iron catalysts. Nano Research, 2011, 4, 767-779.	10.4	91
26	Progress and challenges of flexible lithium ion batteries. Journal of Power Sources, 2020, 454, 227932.	7.8	89
27	Polarized incandescent light emission from carbon nanotubes. Applied Physics Letters, 2003, 82, 1763-1765.	3.3	87
28	Fabrication and properties of aligned multiwalled carbon nanotube-reinforced epoxy composites. Journal of Materials Research, 2008, 23, 2975-2983.	2.6	86
29	High-performance supercapacitors using a nanoporous current collector made from super-aligned carbon nanotubes. Nanotechnology, 2010, 21, 345701.	2.6	85
30	Multifunctional super-aligned carbon nanotube/polyimide composite film heaters and actuators. Carbon, 2018, 139, 1136-1143.	10.3	78
31	MnO2 nanoparticles anchored on carbon nanotubes with hybrid supercapacitor-battery behavior for ultrafast lithium storage. Carbon, 2018, 139, 145-155.	10.3	77
32	Development of an ultra-thin film comprised of a graphene membrane and carbon nanotube vein support. Nature Communications, 2013, 4, 2920.	12.8	71
33	Selfâ€assembly of 3D Carbon Nanotube Sponges: A Simple and Controllable Way to Build Macroscopic and Ultralight Porous Architectures. Advanced Materials, 2017, 29, 1603549.	21.0	69
34	Thermoacoustic Chips with Carbon Nanotube Thin Yarn Arrays. Nano Letters, 2013, 13, 4795-4801.	9.1	67
35	Three-Dimensional Flexible Complementary Metalâ€“Oxideâ€“Semiconductor Logic Circuits Based On Two-Layer Stacks of Single-Walled Carbon Nanotube Networks. ACS Nano, 2016, 10, 2193-2202.	14.6	66
36	Amorphous MoS₂ Photodetector with Ultra-Broadband Response. ACS Applied Electronic Materials, 2019, 1, 1314-1321.	4.3	65

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37	Binder-free polymer encapsulated sulfurâ€“carbon nanotube composite cathodes for high performance lithium batteries. Carbon, 2016, 96, 1053-1059.	10.3	64
38	High frequency response of carbon nanotube thin film speaker in gases. Journal of Applied Physics, 2011, 110, .	2.5	61
39	Direct Identification of Metallic and Semiconducting Single-Walled Carbon Nanotubes in Scanning Electron Microscopy. Nano Letters, 2012, 12, 4095-4101.	9.1	61
40	Growing highly pure semiconducting carbon nanotubes by electrotwisting the helicity. Nature Catalysis, 2018, 1, 326-331.	34.4	61
41	Flexible, transparent and highly sensitive SERS substrates with cross-nanoporous structures for fast on-site detection. Nanoscale, 2018, 10, 15195-15204.	5.6	60
42	Superaligned Carbon Nanotube Grid for High Resolution Transmission Electron Microscopy of Nanomaterials. Nano Letters, 2008, 8, 2564-2569.	9.1	57
43	Ultra-stretchable conductors based on buckled super-aligned carbon nanotube films. Nanoscale, 2015, 7, 10178-10185.	5.6	55
44	Self-catalytic growth of aluminum borate nanowires. Chemical Physics Letters, 2003, 375, 632-635.	2.6	54
45	Fano resonance boosted cascaded optical field enhancement in a plasmonic nanoparticle-in-cavity nanoantenna array and its SERS application. Light: Science and Applications, 2015, 4, e296-e296.	16.6	53
46	Surface-plasmon-enhanced GaN-LED based on a multilayered M-shaped nano-grating. Optics Express, 2013, 21, 13492.	3.4	52
47	Linearly Polarized Light Emission from Quantum Dots with Plasmonic Nanoantenna Arrays. Nano Letters, 2015, 15, 2951-2957.	9.1	51
48	Transition of Single-Walled Carbon Nanotubes from Metallic to Semiconducting in Field-Effect Transistors by Hydrogen Plasma Treatment. Nano Letters, 2007, 7, 1622-1625.	9.1	50
49	Isotropic spiral plasmonic metamaterial for sensing large refractive index change. Optics Letters, 2013, 38, 3133.	3.3	50
50	Phase-transition modulated, high-performance dual-mode photodetectors based on WSe₂/VO₂ heterojunctions. Applied Physics Reviews, 2019, 6, 041407.	11.3	50
51	CO2 oxidation of carbon nanotubes for lithium-sulfur batteries with improved electrochemical performance. Carbon, 2018, 132, 370-379.	10.3	48
52	Mesoporous Li₄Ti₅O₁₂ nanoclusters anchored on super-aligned carbon nanotubes as high performance electrodes for lithium ion batteries. Nanoscale, 2016, 8, 617-625.	5.6	46
53	Ultrastretchable carbon nanotube composite electrodes for flexible lithium-ion batteries. Nanoscale, 2018, 10, 19972-19978.	5.6	46
54	Load Characteristics of a Suspended Carbon Nanotube Film Heater and the Fabrication of a Fast-Response Thermochromic Display Prototype. ACS Nano, 2015, 9, 3753-3759.	14.6	39

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55	Boosting the Oxidative Potential of Polyethylene Glycolâ€Based Polymer Electrolyte to 4.36ÂV by Spatially Restricting Hydroxyl Groups for Highâ€Voltage Flexible Lithiumâ€Ion Battery Applications. Advanced Science, 2021, 8, e2100736.	11.2	39
56	LaB6 tip-modified multiwalled carbon nanotube as high quality field emission electron source. Applied Physics Letters, 2006, 89, 203112.	3.3	38
57	Mesoporous carbon nanotube aerogel-sulfur cathodes: A strategy to achieve ultrahigh areal capacity for lithium-sulfur batteries via capillary action. Carbon, 2020, 166, 183-192.	10.3	38
58	A polarized infrared thermal detector made from super-aligned multiwalled carbon nanotube films. Nanotechnology, 2011, 22, 025502.	2.6	36
59	Trap-State-Dominated Suppression of Electron Conduction in Carbon Nanotube Thin-Film Transistors. ACS Nano, 2014, 8, 9597-9605.	14.6	36
60	Low-energy transmission electron diffraction and imaging of large-area graphene. Science Advances, 2017, 3, e1603231.	10.3	35
61	Macroscopic Carbon Nanotube Structures for Lithium Batteries. Small, 2020, 16, e1902719.	10.0	35
62	Periodically striped films produced from super-aligned carbon nanotube arrays. Nanotechnology, 2009, 20, 335705.	2.6	34
63	True-color real-time imaging and spectroscopy of carbon nanotubes on substrates using enhanced Rayleigh scattering. Nano Research, 2015, 8, 2721-2732.	10.4	34
64	Ultrathin HfO2-modified carbon nanotube films as efficient polysulfide barriers for Li-S batteries. Carbon, 2018, 139, 896-905.	10.3	33
65	Thermal Analysis Study of the Growth Kinetics of Carbon Nanotubes and Epitaxial Graphene Layers on Them. Journal of Physical Chemistry C, 2009, 113, 9623-9631.	3.1	32
66	SWCNTâ€MoS₂â€SWCNT Vertical Point Heterostructures. Advanced Materials, 2017, 29, 1604469.	21.0	32
67	Observation of Charge Generation and Transfer during CVD Growth of Carbon Nanotubes. Nano Letters, 2016, 16, 4102-4109.	9.1	30
68	Conversion of Multi-layered MoTe2 Transistor Between P-Type and N-Type and Their Use in Inverter. Nanoscale Research Letters, 2018, 13, 291.	5.7	30
69	Self-standing carbon nanotube aerogels with amorphous carbon coating as stable host for lithium anodes. Carbon, 2021, 177, 181-188.	10.3	30
70	Broadband asymmetric transmission of optical waves from spiral plasmonic metamaterials. Applied Physics Letters, 2014, 104, .	3.3	29
71	Vapor-Condensation-Assisted Optical Microscopy for Ultralong Carbon Nanotubes and Other Nanostructures. Nano Letters, 2014, 14, 3527-3533.	9.1	29
72	Barium-functionalized multiwalled carbon nanotube yarns as low-work-function thermionic cathodes. Applied Physics Letters, 2008, 92, .	3.3	28

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73	Catalyst-Free Growth of Quasi-Aligned Nanorods of Single Crystal Cu₃Mo₂O₉ and Their Catalytic Properties. Inorganic Chemistry, 2009, 48, 1243-1249.	4.0	28
74	Sub-10 nm Monolayer MoS₂ Transistors Using Single-Walled Carbon Nanotubes as an Evaporating Mask. ACS Applied Materials & Interfaces, 2019, 11, 11612-11617.	8.0	27
75	Laser direct writing carbon nanotube arrays on transparent substrates. Applied Physics Letters, 2007, 90, 133108.	3.3	26
76	Fabrication of air-stable n-type carbon nanotube thin-film transistors on flexible substrates using bilayer dielectrics. Nanoscale, 2015, 7, 17693-17701.	5.6	26
77	Surface-plasmon-enhanced GaN-LED based on the multilayered rectangular nano-grating. Optics Communications, 2014, 322, 66-72.	2.1	25
78	Highly Sensitive, Uniform, and Reproducible Surface-Enhanced Raman Spectroscopy Substrate with Nanometer-Scale Quasi-periodic Nanostructures. ACS Applied Materials & Interfaces, 2017, 9, 32369-32376.	8.0	25
79	Evaluating Bandgap Distributions of Carbon Nanotubes via Scanning Electron Microscopy Imaging of the Schottky Barriers. Nano Letters, 2013, 13, 5556-5562.	9.1	24
80	Fabrication of Allâ€€arbon Nanotube Electronic Devices on Flexible Substrates Through CVD and Transfer Methods. Advanced Materials, 2013, 25, 6050-6056.	21.0	24
81	Measuring the stress in field-emitting carbon nanotubes. Nanotechnology, 2006, 17, 1994-1998.	2.6	23
82	Enhanced optical output power of blue light-emitting diodes with quasi-aligned gold nanoparticles. Nanoscale Research Letters, 2014, 9, 7.	5.7	23
83	Enhanced performance of graphene transistor with ion-gel top gate. Carbon, 2014, 68, 480-486.	10.3	23
84	Epitaxial Growth of Aligned and Continuous Carbon Nanofibers from Carbon Nanotubes. ACS Nano, 2017, 11, 1257-1263.	14.6	23
85	TiO₂-Nanocoated Black Phosphorus Electrodes with Improved Electrochemical Performance. ACS Applied Materials & Interfaces, 2018, 10, 36058-36066.	8.0	23
86	Direct thermal oxidization evaporation growth, structure, and optical properties of single-crystalline nanobelts of molybdenum trioxide. Journal of Materials Research, 2007, 22, 1609-1617.	2.6	22
87	Growth mechanism of Y-junctions and related carbon nanotube junctions synthesized by Au-catalyzed chemical vapor deposition. Carbon, 2008, 46, 440-444.	10.3	22
88	Aligned carbon nanotube coating on polyethylene surface formed by microwave radiation. Composites Science and Technology, 2011, 72, 85-90.	7.8	22
89	Enhanced light extraction from a GaN-based green light-emitting diode with hemicylindrical linear grating structure. Optics Express, 2012, 20, 15818.	3.4	22
90	Super-aligned carbon nanotube films with a thin metal coating as highly conductive and ultralight current collectors for lithium-ion batteries. Journal of Power Sources, 2017, 351, 160-168.	7.8	22

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91	Spray coating of a perfect absorber based on carbon nanotube multiscale composites. Carbon, 2021, 178, 616-624.	10.3	22
92	Radiation effects and radiation hardness solutions for single-walled carbon nanotube-based thin film transistors and logic devices. Carbon, 2016, 108, 363-371.	10.3	21
93	Shape-controlled synthesis of silver nanostructures. Nanotechnology, 2005, 16, 2412-2414.	2.6	20
94	Mâ€shaped Grating by Nanoimprinting: A Replicable, Largeâ€Area, Highly Active Plasmonic Surfaceâ€Enhanced Raman Scattering Substrate with Nanogaps. Small, 2014, 10, 1603-1611.	10.0	20
95	Cross-stacked carbon nanotube film as an additional built-in current collector and adsorption layer for high-performance lithium sulfur batteries. Nanotechnology, 2016, 27, 075401.	2.6	20
96	Influence of Asymmetric Contact Form on Contact Resistance and Schottky Barrier, and Corresponding Applications of Diode. ACS Applied Materials & Interfaces, 2017, 9, 18945-18955.	8.0	20
97	Three-Dimensional Carbon Nanotube/Transition-Metal Oxide Sponges as Composite Electrodes with Enhanced Electrochemical Performance. ACS Applied Nano Materials, 2018, 1, 2997-3005.	5.0	20
98	Electrical control of spatial resolution in mixed-dimensional heterostructured photodetectors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6586-6593.	7.1	20
99	In situ fabrication of HfC-decorated carbon nanotube yarns and their field-emission properties. Carbon, 2010, 48, 531-537.	10.3	19
100	Exploration of yttria films as gate dielectrics in sub-50 nm carbon nanotube field-effect transistors. Nanoscale, 2014, 6, 11316-11321.	5.6	18
101	Mixed-Dimensional Vertical Point pâ€“n Junctions. ACS Nano, 2020, 14, 3181-3189.	14.6	18
102	Compact and low cross-talk silicon-on-insulator crossing using a periodic dielectric waveguide. Optics Letters, 2010, 35, 3904.	3.3	17
103	Reusable three-dimensional nanostructured substrates for surface-enhanced Raman scattering. Nanoscale Research Letters, 2014, 9, 25.	5.7	17
104	Continuous, Ultra-lightweight, and Multipurpose Super-aligned Carbon Nanotube Tapes Viable over a Wide Range of Temperatures. Nano Letters, 2019, 19, 6756-6764.	9.1	17
105	Vortex structure for ad+is-wave superconductor. Physical Review B, 1999, 59, 613-618.	3.2	16
106	Interfacial Gated Graphene Photodetector with Broadband Response. ACS Applied Materials & Interfaces, 2021, 13, 22796-22805.	8.0	16
107	Metal-film-assisted ultra-clean transfer of single-walled carbon nanotubes. Nano Research, 2014, 7, 981-989.	10.4	15
108	Broadband omnidirectional perfect absorber based on carbon nanotube films. Carbon, 2020, 161, 510-516.	10.3	15

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109	Achromatic generation of radially polarized beams in visible range using segmented subwavelength metal wire gratings. Optics Letters, 2009, 34, 3361.	3.3	13
110	Stressed carbon nanotube devices for high tunability, high quality factor, single mode GHz resonators. Nano Research, 2018, 11, 5812-5822.	10.4	13
111	Efficient Fabrication of Carbon Nanotube Micro Tip Arrays by Tailoring Cross-Stacked Carbon Nanotube Sheets. Nano Letters, 2012, 12, 2071-2076.	9.1	12
112	Excitation of Surface Plasmon Resonance in Composite Structures Based on Single-Layer Superaligned Carbon Nanotube Films. Journal of Physical Chemistry C, 2013, 117, 23190-23197.	3.1	12
113	Interface dipole enhancement effect and enhanced Rayleigh scattering. Nano Research, 2015, 8, 303-319.	10.4	12
114	Scanning electron microscopy imaging of single-walled carbon nanotubes on substrates. Nano Research, 2017, 10, 1804-1818.	10.4	12
115	Conversion of Nickel Coated Carbon Nanotubes to Diamond under High Pressure and High Temperature. Japanese Journal of Applied Physics, 1998, 37, L1085-L1086.	1.5	11
116	Sandwich-structured cathodes with cross-stacked carbon nanotube films as conductive layers for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 4047-4057.	10.3	11
117	Reconfigurable Tunneling Transistors Heterostructured by an Individual Carbon Nanotube and MoS₂. Nano Letters, 2021, 21, 6843-6850.	9.1	11
118	Self-Expansion Construction of Ultralight Carbon Nanotube Aerogels with a 3D and Hierarchical Cellular Structure. Small, 2017, 13, 1700966.	10.0	10
119	Subdominant pairing channels in unconventional superconductors: Ginzburg-Landau theory. Physical Review B, 1999, 60, 15364-15370.	3.2	9
120	Inverse Hysteresis and Ultrasmall Hysteresis Thinâ€Film Transistors Fabricated Using Sputtered Dielectrics. Advanced Electronic Materials, 2017, 3, 1600483.	5.1	9
121	High temperature performance of coaxial h-BN/CNT wires above 1,000 Â°C: Thermionic electron emission and thermally activated conductivity. Nano Research, 2019, 12, 1855-1861.	10.4	9
122	Emission Enhancement from CdSe/ZnS Quantum Dots Induced by Strong Localized Surface Plasmonic Resonances without Damping. Journal of Physical Chemistry Letters, 2019, 10, 2113-2120.	4.6	9
123	Ultra-stretchable supercapacitors based on biaxially pre-strained super-aligned carbon nanotube films. Nanoscale, 2020, 12, 24259-24265.	5.6	9
124	Study of Carbon Nanotubes as Etching Masks and Related Applications in the Surface Modification of GaAsâ€based Lightâ€Emitting Diodes. Small, 2015, 11, 4111-4116.	10.0	8
125	Carbon Nanotube Film Gate in Vacuum Electronic Devices. Nano Letters, 2018, 18, 4691-4696.	9.1	8
126	Single Ring Interferometer Configuration With Doubled Free-Spectral Range. IEEE Photonics Technology Letters, 2011, 23, 79-81.	2.5	7

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127	Surface-plasmon-enhanced GaN-LED based on the quasi-symmetrical planar waveguide structure. Optics Communications, 2013, 311, 311-316.	2.1	7
128	AlGaInP light-emitting diodes with SACNTs as current-spreading layer. Nanoscale Research Letters, 2014, 9, 171.	5.7	7
129	Large area nanoscale metal meshes for use as transparent conductive layers. Nanoscale, 2015, 7, 16508-16515.	5.6	7
130	Pronounced Photovoltaic Response from Multi-layered MoTe2 Phototransistor with Asymmetric Contact Form. Nanoscale Research Letters, 2017, 12, 603.	5.7	7
131	Preparation and enhanced photoelectrocatalytic properties of a three-dimensional TiO2-Au porous structure fabricated using superaligned carbon nanotube films. International Journal of Hydrogen Energy, 2020, 45, 31963-31975.	7.1	7
132	Gate-tunable contact-induced Fermi-level shift in semimetal. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119016119.	7.1	7
133	UV-based nanoimprinting lithography with a fluorinated flexible stamp. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2011, 29, 021015.	1.2	6
134	Lithium Storage Mechanism and Application of Micronâ€Sized Latticeâ€Reversible Binary Intermetallic Compounds as Highâ€Performance Flexible Lithiumâ€Ion Battery Anodes. Small, 2022, 18, e2105172.	10.0	6
135	Vortex dynamics of ad+is-wave superconductor. Physical Review B, 1999, 60, 14577-14580.	3.2	5
136	Selective fabrication of quasi-parallel single-walled carbon nanotubes on silicon substrates. Nanotechnology, 2010, 21, 395602.	2.6	5
137	Graphene as discharge layer for electron beam lithography on insulating substrate. Applied Physics Letters, 2013, 103, 113107.	3.3	5
138	Bidirectional micro-actuators based on eccentric coaxial composite oxide nanofiber. Nano Research, 2020, 13, 2451-2459.	10.4	5
139	Strongly enhanced infrared emission of a black coating doped with multiwall carbon nanotubes. Infrared Physics and Technology, 2021, 113, 103651.	2.9	5
140	MÃ¶ssbauer Study of Catalytically Grown Carbon Nanotube. Chinese Physics Letters, 1998, 15, 68-69.	3.3	4
141	Fabrication of Dense Horizontally Aligned Arrays of Single-Wall Carbon Nanotubes from Vertically Aligned Arrays. Applied Physics Express, 2011, 4, 015101.	2.4	4
142	Diameter distribution control of single-walled carbon nanotubes by etching ferritin nanoparticles. Applied Physics Express, 2014, 7, 055102.	2.4	4
143	Freestanding macroscopic metal-oxide nanotube films derived from carbon nanotube film templates. Nano Research, 2015, 8, 2024-2032.	10.4	4
144	A graphene oxideâ€“carbon nanotube grid for high-resolution transmission electron microscopy of nanomaterials. Nanotechnology, 2011, 22, 385704.	2.6	3

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145	On-chip torsion balances with femtonewton force resolution at room temperature enabled by carbon nanotube and graphene. Science Advances, 2021, 7, .	10.3	3
146	Efficient polysulfide trapping in lithiumâ€“sulfur batteries using ultrathin and flexible BaTiO₃/graphene oxide/carbon nanotube layers. Nanoscale, 2021, 13, 6863-6870.	5.6	3
147	Superaligned arrays, films, and yarns of carbon nanotubes: a road toward applications. Scientia Sinica: Physica, Mechanica Et Astronomica, 2011, 41, 390-403.	0.4	3
148	Toward an Intelligent Synthesis: Monitoring and Intervening in the Catalytic Growth of Carbon Nanotubes. Journal of the American Chemical Society, 2021, 143, 17607-17614.	13.7	3
149	Enhanced Visible-Light Absorption and Photocurrent Generation of Three-Dimensional Metalâ€“Dielectric Hybrid-Structured Films. ACS Applied Energy Materials, 2021, 4, 10542-10552.	5.1	3
150	Substrate Engineering-Tailored Fabrication of Aligned Graphene Nanoribbon Arrays: Implications for Graphene Electronic Devices. ACS Applied Nano Materials, 2021, 4, 13838-13847.	5.0	3
151	Vortex state of a -wave superconductor with Zeeman coupling. Physica C: Superconductivity and Its Applications, 2000, 341-348, 221-224.	1.2	2
152	A process study of electron beam nano-lithography and deep etching with an ICP system. Science in China Series D: Earth Sciences, 2009, 52, 1665-1671.	0.9	2
153	A general surface-treatment-free approach to fabrication of alignment layers using a super-aligned carbon nanotube film template. Chinese Physics B, 2010, 19, 088104.	1.4	2
154	Modeling and optimization of ambipolar graphene transistors in the diffusive limit. Journal of Applied Physics, 2013, 114, 164508.	2.5	2
155	Demonstration of nonvolatile multilevel memory in ambipolar carbon nanotube thin-film transistors. Applied Physics Express, 2015, 8, 065101.	2.4	2
156	High-temperature epitaxial graphite deposition on macroscopic superaligned carbon nanotube structures by a one-step self-heating method. Carbon, 2021, 171, 837-844.	10.3	2
157	Study on microstructure and interdiffusion behavior in Pb(FeNb)O3/Pt/Ti/SiO2/Si(100) multilayer films. Materials Research Bulletin, 1997, 32, 1247-1252.	5.2	1
158	Vortex dynamics of a d-wave superconductor with regular array of pinning centers. Physica C: Superconductivity and Its Applications, 2001, 364-365, 495-498.	1.2	1
159	Development of the high voltage e-beam lithography system. , 2007, , .		1
160	Dielectric-Like Behavior of Graphene in Au Plasmon Resonator. Nanoscale Research Letters, 2016, 11, 541.	5.7	1
161	Liâ€S Batteries: Ultrathin MnO₂/Graphene Oxide/Carbon Nanotube Interlayer as Efficient Polysulfideâ€Trapping Shield for Highâ€Performance Liâ€“S Batteries (Adv. Funct. Mater. 18/2017). Advanced Functional Materials, 2017, 27, .	14.9	1
162	Active coherent control of nanoscale light confinement: Modulation of plasmonic modes and position of hotspots for surface-enhanced Raman scattering detection. Nano Research, 2017, 10, 2934-2943.	10.4	1

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163	The Influence of Carbon Nanotube's Conductivity and Diameter on Its Thermionic Electron Emission. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000069.	1.8	1
164	Optical Phonon Scattering Dominated Transport in Individual Suspended Carbon Nanotubes. Physica Status Solidi (B): Basic Research, 2020, 257, 2000103.	1.5	1
165	Iodide-substitution-induced phase transition of chemical-vapor-deposited MoS2. Journal of Materials Chemistry C, 2022, 10, 1638-1644.	5.5	1
166	Systematic study and effective improvement of voltammetry for accurate electrochemical window measurement of solid electrolytes. Electrochimica Acta, 2022, 414, 140210.	5.2	1
167	Transverse resistivity and Hall effect ofd-wave superconductors with twin boundaries: Numerical solutions of time-dependent Ginzburg-Landau equations in the presence of thermal noise. Physical Review B, 2002, 66, .	3.2	0
168	The exposure process study of 100KV JBX-6300LS electron-beam nanolithograph system. , 2008, , .		0
169	Design of Light Guide Plate Using White Light Emitting Diode for Direct Illumination of Liquid Crystal Display. , 2010, , .		0
170	Compact and low cross-talk silicon-on-insulator crossing using periodic dielectric waveguide: erratum. Optics Letters, 2011, 36, 2308.	3.3	0
171	The Influence of Carbon Nanotube's Conductivity and Diameter on Its Thermionic Electron Emission. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2070048.	1.8	0