

Albert G Nasibulin

List of Publications by Year in descending order

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times ranked

12022
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid heterojunction solar cells based on single-walled carbon nanotubes and amorphous silicon thin films. Wiley Interdisciplinary Reviews: Energy and Environment, 2022, 11, e402.	4.1	2
2	Terahertz-infrared spectroscopy of wafer-scale films of single-walled carbon nanotubes treated by plasma. Carbon, 2022, 189, 413-421.	10.3	4
3	Joint effect of ethylene and toluene on carbon nanotube growth. Carbon, 2022, 189, 474-483.	10.3	20
4	Quantum of selectivity testing: detection of isomers and close homologs using an AZO based e-nose without <i>a priori</i> training. Journal of Materials Chemistry A, 2022, 10, 8413-8423.	10.3	9
5	High-Quality Graphene Using Boudouard Reaction. Advanced Science, 2022, 9, e2200217.	11.2	12
6	Bi-hierarchical porous Pt microspheres grown on Ti wire with TiO ₂ nanotubes layer for selective alcohol sensing. , 2022, 1, .		2
7	Gentle Patterning Approaches toward Compatibility with Bio-Organic Materials and Their Environmental Aspects. Small, 2022, 18, e2200476.	10.0	7
8	Highly efficient doping of carbon nanotube films with chloroauric acid by dip-coating. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 278, 115648.	3.5	10
9	Single-Walled Carbon Nanotube Thin Film for Flexible and Highly Responsive Perovskite Photodetector. Advanced Functional Materials, 2022, 32, .	14.9	21
10	Differential Bio-Optoelectronic Gating of Semiconducting Carbon Nanotubes by Varying the Covalent Attachment Residue of a Green Fluorescent Protein. Advanced Functional Materials, 2022, 32, .	14.9	7
11	Multifunctional Elastic Nanocomposites with Extremely Low Concentrations of Single-Walled Carbon Nanotubes. ACS Applied Materials & Interfaces, 2022, 14, 18866-18876.	8.0	19
12	Heat-Mode Excitation in a Proximity Superconductor. Nanomaterials, 2022, 12, 1461.	4.1	2
13	<i>In vitro</i> toxicity of carbon nanotubes: a systematic review. RSC Advances, 2022, 12, 16235-16256.	3.6	30
14	Local ultra-densification of single-walled carbon nanotube films: Experiment and mesoscopic modeling. Carbon, 2022, 196, 979-987.	10.3	4
15	Transparent Conducting Films Based on Carbon Nanotubes: Rational Design toward the Theoretical Limit. Advanced Science, 2022, 9, .	11.2	32
16	Flexible supercapacitors based on free-standing polyaniline/single-walled carbon nanotube films. Journal of Power Sources, 2022, 541, 231691.	7.8	21
17	Renewable single-walled carbon nanotube membranes for extreme ultraviolet pellicle applications. Carbon, 2022, 198, 364-370.	10.3	8
18	Detecting cooking state of grilled chicken by electronic nose and computer vision techniques. Food Chemistry, 2021, 345, 128747.	8.2	28

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19	Ultrafast, high modulation depth terahertz modulators based on carbon nanotube thin films. <i>Carbon</i> , 2021, 173, 245-252.	10.3	22
20	Activation of catalyst particles for single-walled carbon nanotube synthesis. <i>Chemical Engineering Journal</i> , 2021, 413, 127475.	12.7	19
21	ZnO Nanostructures Application in Electrochemistry: Influence of Morphology. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1472-1482.	3.1	71
22	Mode-locked Ho ³⁺ -doped fiber laser with a dumbbell-shaped cavity. , 2021, , .		0
23	Exploring the performance of a functionalized CNT-based sensor array for breathomics through clustering and classification algorithms: from gas sensing of selective biomarkers to discrimination of chronic obstructive pulmonary disease. <i>RSC Advances</i> , 2021, 11, 30270-30282.	3.6	12
24	Highly efficient bilateral doping of single-walled carbon nanotubes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4514-4521.	5.5	17
25	Green Lithography for Delicate Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2101533.	14.9	7
26	Silicone Composites with CNT/Graphene Hybrid Fillers: A Review. <i>Materials</i> , 2021, 14, 2418.	2.9	8
27	Stretchable Transparent Light-Emitting Diodes Based on InGaN/GaN Quantum Well Microwires and Carbon Nanotube Films. <i>Nanomaterials</i> , 2021, 11, 1503.	4.1	10
28	Dumbbell-shaped Mode-locked Ho ³⁺ -doped Fiber Laser. , 2021, , .		0
29	Specular Reflectometry Studies of Alcohol-Induced Densification for Thin Films of Single-Walled Carbon Nanotubes. <i>Journal of Surface Investigation</i> , 2021, 15, 773-776.	0.5	1
30	Electromechanical properties of fibers produced from randomly oriented SWCNT films by wet pulling technique. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 269, 115178.	3.5	5
31	The UV Effect on the Chemiresistive Response of ZnO Nanostructures to Isopropanol and Benzene at PPM Concentrations in Mixture with Dry and Wet Air. <i>Chemosensors</i> , 2021, 9, 181.	3.6	9
32	Chemical space mapping for multicomponent gas mixtures. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115472.	3.8	3
33	Charge-neutral nonlocal response in superconductor-InAs nanowire hybrid devices. <i>Semiconductor Science and Technology</i> , 2021, 36, 09LT04.	2.0	9
34	Nd-Doped Polarization Maintaining All-Fiber Laser With Dissipative Soliton Resonance Mode-Locking at 905 nm. <i>Journal of Lightwave Technology</i> , 2021, 39, 5582-5588.	4.6	12
35	Residence time effect on single-walled carbon nanotube synthesis in an aerosol CVD reactor. <i>Chemical Engineering Journal</i> , 2021, 420, 129869.	12.7	21
36	Thermal conductance and nonequilibrium superconductivity in a diffusive NSN wire probed by shot noise. <i>Physical Review B</i> , 2021, 104, .	3.2	2

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37	Flexible Perovskite CsPbBr ₃ Light Emitting Devices Integrated with GaP Nanowire Arrays in Highly Transparent and Durable Functionalized Silicones. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9672-9676.	4.6	6
38	Red GaPAs/GaP Nanowire-Based Flexible Light-Emitting Diodes. <i>Nanomaterials</i> , 2021, 11, 2549.	4.1	8
39	Direct measurement of carbon nanotube temperature between fiber ferrules as a universal tool for saturable absorber stability investigation. <i>Carbon</i> , 2021, 184, 941-948.	10.3	9
40	Individual SWCNT Transistor with Photosensitive Planar Junction Induced by Two-Photon Oxidation. <i>Advanced Electronic Materials</i> , 2021, 7, 2000872.	5.1	3
41	Terahertz-infrared conductivity of plasma-treated of CNT-based macroscale films. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
42	Single-walled carbon nanotube membranes as non-reflective substrates for nanophotonic applications. <i>Nanotechnology</i> , 2021, 32, 095206.	2.6	4
43	Optoacoustic Effect in a Hybrid Multilayered Membrane Deposited on a Hollow-Core Microstructured Optical Waveguide. <i>ACS Photonics</i> , 2021, 8, 3346-3356.	6.6	5
44	Localization of helical edge states in the absence of external magnetic field. <i>Physical Review B</i> , 2021, 104, .	3.2	3
45	Flexible Electrode Formed by Patterned Layers of Single-Walled Carbon Nanotubes for Optoelectronic Applications. <i>Journal of Physics: Conference Series</i> , 2021, 2015, 012093.	0.4	1
46	Light-emitting p-i-n GaP/GaPAs NW encapsulated in a flexible PDMS membrane. <i>Journal of Physics: Conference Series</i> , 2021, 2103, 012178.	0.4	0
47	Average SWCNT bundle length estimated by resistance measurement. <i>Journal of Physics: Conference Series</i> , 2021, 2103, 012131.	0.4	0
48	Processing and characterization of GaP nanowires encapsulated into a PDMS large-scale membrane for flexible optoelectronics. <i>Journal of Physics: Conference Series</i> , 2021, 2086, 012093.	0.4	0
49	Fine-tuning of spark-discharge aerosol CVD reactor for single-walled carbon nanotube growth: The role of ex situ nucleation. <i>Chemical Engineering Journal</i> , 2020, 383, 123073.	12.7	20
50	Rational design of highly efficient flexible and transparent p-type composite electrode based on single-walled carbon nanotubes. <i>Nano Energy</i> , 2020, 67, 104183.	16.0	29
51	The Ti wire functionalized with inherent TiO ₂ nanotubes by anodization as one-electrode gas sensor: A proof-of-concept study. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127615.	7.8	22
52	Adhesion of Single-Walled Carbon Nanotube Thin Films with Different Materials. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 504-509.	4.6	8
53	Intersubband Plasmon Observation in Electrochemically Gated Carbon Nanotube Films. <i>ACS Applied Electronic Materials</i> , 2020, 2, 195-203.	4.3	14
54	Hybrid Low-Dimensional Carbon Allotropes Formed in Gas Phase. <i>Advanced Functional Materials</i> , 2020, 30, 2005016.	14.9	11

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55	Optimization of Optoelectronic Properties of Patterned Single-Walled Carbon Nanotube Films. ACS Applied Materials & Interfaces, 2020, 12, 55141-55147.	8.0	15
56	Microplotter-Printed On-Chip Combinatorial Library of Ink-Derived Multiple Metal Oxides as an "Electronic Olfaction" Unit. ACS Applied Materials & Interfaces, 2020, 12, 56135-56150.	8.0	32
57	Fused Filament Fabricated Polypropylene Composite Reinforced by Aligned Glass Fibers. Materials, 2020, 13, 3442.	2.9	14
58	Enhancing the thermoelectric performance of single-walled carbon nanotube-conducting polymer nanocomposites. Journal of Alloys and Compounds, 2020, 845, 156354.	5.5	13
59	Development of a Sensing Array for Human Breath Analysis Based on SWCNT Layers Functionalized with Semiconductor Organic Molecules. Advanced Healthcare Materials, 2020, 9, e2000377.	7.6	44
60	High Performance Hydrogen Evolution Reaction Catalyst Based on Single-Walled Carbon Nanotubes Decorated by RuO _x Nanoparticles. ChemElectroChem, 2020, 7, 2651-2659.	3.4	10
61	Incorporation of Vanadium(V) Oxide in Hybrid Hole Transport Layer Enables Long-term Operational Stability of Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2020, 11, 5563-5568.	4.6	28
62	Express determination of thickness and dielectric function of single-walled carbon nanotube films. Applied Physics Letters, 2020, 116, .	3.3	40
63	Quasi-2D Co ₃ O ₄ nanoflakes as an efficient gas sensor <i>versus</i> alcohol VOCs. Journal of Materials Chemistry A, 2020, 8, 7214-7228.	10.3	31
64	Electrochemical enhancement of optoelectronic performance of transparent and conducting single-walled carbon nanotube films. Carbon, 2020, 167, 244-248.	10.3	19
65	Rapid, efficient, and non-destructive purification of single-walled carbon nanotube films from metallic impurities by Joule heating. Carbon, 2020, 168, 193-200.	10.3	19
66	Nanowire Growth without Catalysts: Applications and Mechanisms at the Atomic Scale. ACS Applied Nano Materials, 2020, 3, 7314-7324.	5.0	10
67	Structure-dependent performance of single-walled carbon nanotube films in transparent and conductive applications. Carbon, 2020, 161, 712-717.	10.3	38
68	Solar cells based on GaAs and carbon nanotubes. Journal of Physics: Conference Series, 2020, 1482, 012035.	0.4	0
69	Evaluation of Elastic Properties and Conductivity of Chitosan Acetate Films in Ammonia and Water Vapors Using Acoustic Resonators. Sensors, 2020, 20, 2236.	3.8	5
70	Novel design strategy for GaAs-based solar cell by application of single-walled carbon nanotubes topmost layer. Energy Science and Engineering, 2020, 8, 2938-2945.	4.0	7
71	Superior environmentally friendly stretchable supercapacitor based on nitrogen-doped graphene/hydrogel and single-walled carbon nanotubes. Journal of Energy Storage, 2020, 30, 101505.	8.1	15
72	Modified silicone rubber for fabrication and contacting of flexible suspended membranes of n-/p-GaP nanowires with a single-walled carbon nanotube transparent contact. Journal of Materials Chemistry C, 2020, 8, 3764-3772.	5.5	27

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73	Densification of single-walled carbon nanotube films: Mesoscopic distinct element method simulations and experimental validation. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	15
74	Fabrication and electrical study of large area free-standing membrane with embedded GaP NWs for flexible devices. <i>Nanotechnology</i> , 2020, 31, 46LT01.	2.6	10
75	Enhanced saturable absorption in the laser-treated free-standing carbon nanotube films. <i>Optics Letters</i> , 2020, 45, 5377.	3.3	7
76	Improvement of single walled carbon nanotubes layer conductivity by texturing. <i>Journal of Physics: Conference Series</i> , 2020, 1697, 012123.	0.4	0
77	Highly transparent and conductive textured single walled carbon nanotube electrode for optoelectronic applications. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
78	Terahertz conductivity of plasma-treated of CNT-based macroscale films. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
79	Dual-wavelength Soliton Dumbbell-shaped Thulium-doped Fiber Laser. , 2020, , .		1
80	Flexible suspended membranes of GaP nanowires. , 2020, , .		0
81	Mapping of the pulse states of a fiber laser with ionic liquid gated carbon nanotube saturable absorber. , 2020, , .		0
82	Artificial neural network for predictive synthesis of single-walled carbon nanotubes by aerosol CVD method. <i>Carbon</i> , 2019, 153, 100-103.	10.3	36
83	Ionic Liquid Gated Carbon Nanotube Saturable Absorber for Switchable Pulse Generation. <i>Nano Letters</i> , 2019, 19, 5836-5843.	9.1	60
84	Mechanically Tunable Single-Walled Carbon Nanotube Films as a Universal Material for Transparent and Stretchable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27327-27334.	8.0	52
85	Machine Learning for Tailoring Optoelectronic Properties of Single-Walled Carbon Nanotube Films. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6962-6966.	4.6	54
86	Efficient ultrafast THz modulators based on negative photoconductivity in controllably doped carbon nanotubes. , 2019, , .		0
87	Dependence of terahertz conductivity of CNT-based macroscale films on the CNT length and on plasma exposure time. , 2019, , .		0
88	Aerosol-Assisted Fine-Tuning of Optoelectrical Properties of SWCNT Films. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3961-3965.	4.6	20
89	Robust technique for dispersion of single-walled carbon nanotubes in aqueous solutions with tRNA. <i>Carbon</i> , 2019, 151, 175-180.	10.3	6
90	Direct injection of SWCNTs into liquid after supercritical nitrogen treatment. <i>Carbon</i> , 2019, 152, 66-69.	10.3	4

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91	Highly efficient thermophones based on freestanding single-walled carbon nanotube films. <i>Nanoscale Horizons</i> , 2019, 4, 1158-1163.	8.0	32
92	A spark discharge generator for scalable aerosol CVD synthesis of single-walled carbon nanotubes with tailored characteristics. <i>Chemical Engineering Journal</i> , 2019, 372, 462-470.	12.7	30
93	A novel straightforward wet pulling technique to fabricate carbon nanotube fibers. <i>Carbon</i> , 2019, 150, 69-75.	10.3	22
94	Giant Negative Terahertz Photoconductivity in Controllably Doped Carbon Nanotube Networks. <i>ACS Photonics</i> , 2019, 6, 1058-1066.	6.6	38
95	Tailoring electrochemical efficiency of hydrogen evolution by fine tuning of TiOx/RuOx composite cathode architecture. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 10593-10603.	7.1	5
96	Intersubband plasmon excitations in doped carbon nanotubes. <i>Physical Review B</i> , 2019, 99, .	3.2	20
97	Gas Sensor Based on the Piezoelectric Resonator with Lateral Electric Field and Films of Chitosan Salts. , 2019, , .		3
98	Current Distribution in GaAs Solar Cell with Carbon Nanotube Transport Layer. <i>Journal of Physics: Conference Series</i> , 2019, 1400, 066053.	0.4	0
99	Control of Nonlinear Optical Properties of the Carbon Nanotubes Saturable Absorber with Electrochemical Gating. , 2019, , .		0
100	All-PM Fibre Laser with Switchable Pulsed Regimes Driven by Electrochemically Gated Carbon Nanotube Saturable Absorber. , 2019, , .		1
101	Lithography and Plasma Treatment Effect on Conductivity of Carbon Nanotubes. <i>Semiconductors</i> , 2019, 53, 1926-1928.	0.5	0
102	AlGaAs/GaAs solar cell with CNT transport layer: numerical simulation. <i>Journal of Physics: Conference Series</i> , 2019, 1410, 012107.	0.4	0
103	Flexible and Mechanically Durable Asymmetric Supercapacitor Based on NiCo Layered Double Hydroxide and Nitrogen Doped Graphene Using a Simple Fabrication Method. <i>Energy Technology</i> , 2019, 7, 1801002.	3.8	23
104	Dry-transfer technique for polymer-free single-walled carbon nanotube saturable absorber on a side polished fiber. <i>Optical Materials Express</i> , 2019, 9, 1551.	3.0	9
105	Electro-optically gated in-line saturable absorbers for fibre lasers. , 2019, , .		0
106	Midinfrared Surface Plasmons in Carbon Nanotube Plasmonic Metasurface. <i>Physical Review Applied</i> , 2018, 9, .	3.8	14
107	Enhanced efficiency of hybrid amorphous silicon solar cells based on single-walled carbon nanotubes and polymer composite thin film. <i>Nanotechnology</i> , 2018, 29, 105404.	2.6	15
108	Highly conductive and transparent films of HAuCl4-doped single-walled carbon nanotubes for flexible applications. <i>Carbon</i> , 2018, 130, 448-457.	10.3	68

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109	Graphene oxide reduction by solid-state laser irradiation for bolometric applications. <i>Nanotechnology</i> , 2018, 29, 035301.	2.6	13
110	Synergistic Effect of Single-Walled Carbon Nanotubes and PEDOT:PSS in Thin Film Amorphous Silicon Hybrid Solar Cell. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700557.	1.5	7
111	Influence of nanotube length and density on the plasmonic terahertz response of single-walled carbon nanotubes. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 014003.	2.8	24
112	Numerical simulation of the carbon nanotubes transport layer influence on performance of GaAs solar cell. <i>Journal of Physics: Conference Series</i> , 2018, 1124, 041040.	0.4	4
113	Study of p-type contact topography influence on characteristics of microdisk and microring lasers. <i>Journal of Physics: Conference Series</i> , 2018, 1124, 041012.	0.4	3
114	Charge transport mechanisms in macro-scale CNT films. <i>Journal of Physics: Conference Series</i> , 2018, 1092, 012178.	0.4	4
115	Sign inversion in the terahertz photoconductivity of single-walled carbon nanotube films. <i>Physical Review B</i> , 2018, 98, .	3.2	10
116	Holey single-walled carbon nanotubes for ultra-fast broadband bolometers. <i>Nanoscale</i> , 2018, 10, 18665-18671.	5.6	29
117	Bismuth-doped fiber laser at 132 μm mode-locked by single-walled carbon nanotubes. <i>Optics Express</i> , 2018, 26, 23911.	3.4	28
118	Thermoacoustic sound projector: exceeding the fundamental efficiency of carbon nanotubes. <i>Nanotechnology</i> , 2018, 29, 325704.	2.6	16
119	Flexible self-powered piezo-supercapacitor system for wearable electronics. <i>Nanotechnology</i> , 2018, 29, 325501.	2.6	24
120	Noise Insights into Electronic Transport. <i>JETP Letters</i> , 2018, 108, 71-83.	1.4	9
121	Experimental and Computational Investigation of Hydrogen Evolution Reaction Mechanism on Nitrogen Functionalized Carbon Nanotubes. <i>ChemCatChem</i> , 2018, 10, 3872-3882.	3.7	14
122	A One-Step Method of Hydrogel Modification by Single-Walled Carbon Nanotubes for Highly Stretchable and Transparent Electronics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28069-28075.	8.0	75
123	Ambient Condition Production of High Quality Reduced Graphene Oxide. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800737.	3.7	14
124	SWCNT-Based Bismuth-Doped Fiber Laser at 1.32 μm . , 2018, , .		0
125	Mode locking of a fibre laser with a matrix-less carbon nanotube film. , 2017, , .		1
126	Direct observation of nanowire growth and decomposition. <i>Scientific Reports</i> , 2017, 7, 12310.	3.3	8

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127	All-nanotube stretchable supercapacitor with low equivalent series resistance. <i>Scientific Reports</i> , 2017, 7, 17449.	3.3	41
128	Standardized Procedures Important for Improving Single-Component Ceramic Fuel Cell Technology. <i>ACS Energy Letters</i> , 2017, 2, 2752-2755.	17.4	30
129	On the high charge-carrier mobility in polyaniline molecular channels in nanogaps between carbon nanotubes. <i>Semiconductors</i> , 2017, 51, 488-491.	0.5	2
130	Terahertz-infrared electrodynamics of single-wall carbon nanotube films. <i>Nanotechnology</i> , 2017, 28, 445204.	2.6	18
131	The Room-Temperature Chemiresistive Properties of Potassium Titanate Whiskers versus Organic Vapors. <i>Nanomaterials</i> , 2017, 7, 455.	4.1	4
132	Ultrafast all-fibre laser mode-locked by polymer-free carbon nanotube film. <i>Optics Express</i> , 2016, 24, 28768.	3.4	43
133	The effect of the environment on the electronic properties of single-walled carbon nanotubes. <i>Technical Physics Letters</i> , 2016, 42, 1071-1075.	0.7	11
134	Control over the resonance wavelength of fibre Bragg gratings using resistive coatings based on single-wall carbon nanotubes. <i>Quantum Electronics</i> , 2016, 46, 919-923.	1.0	0
135	Polymer-Free Carbon Nanotubes Saturable Absorbers for Nanosecond Pulse Generation. <i>Journal of Physics: Conference Series</i> , 2016, 740, 012017.	0.4	1
136	A bolometer based on single-walled carbon nanotubes and hybrid materials. <i>Quantum Electronics</i> , 2016, 46, 1163-1169.	1.0	6
137	Carbon nanotube-amorphous silicon hybrid solar cell with improved conversion efficiency. <i>Nanotechnology</i> , 2016, 27, 185401.	2.6	13
138	Transparent and flexible high-performance supercapacitors based on single-walled carbon nanotube films. <i>Nanotechnology</i> , 2016, 27, 235403.	2.6	79
139	Gas-Phase Synthesis and Control of Structure and Thickness of Graphene Layers on Copper Substrates. <i>Metal Science and Heat Treatment</i> , 2016, 58, 40-45.	0.6	26
140	Electrical behaviour of native cellulose nanofibril/carbon nanotube hybrid aerogels under cyclic compression. <i>RSC Advances</i> , 2016, 6, 89051-89056.	3.6	20
141	Stretchable and transparent supercapacitors based on aerosol synthesized single-walled carbon nanotube films. <i>RSC Advances</i> , 2016, 6, 93915-93921.	3.6	37
142	Resistivity and optical transmittance dependence on length and diameter of nanowires in silver nanowire layers in application to transparent conductive coatings. <i>Micro and Nano Letters</i> , 2016, 11, 343-347.	1.3	14
143	Photophysical and photochemical effects in ultrafast laser patterning of CVD graphene. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 41LT01.	2.8	14
144	Single-walled carbon nanotubes coated with ZnO by atomic layer deposition. <i>Nanotechnology</i> , 2016, 27, 485709.	2.6	6

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145	Transparent and conductive hybrid graphene/carbon nanotube films. Carbon, 2016, 100, 501-507.	10.3	76
146	Maghemite nanoparticles decorated on carbon nanotubes as efficient electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 5216-5222.	10.3	65
147	Flexible light-emitting electrochemical cells with single-walled carbon nanotube anodes. Organic Electronics, 2016, 30, 36-39.	2.6	18
148	Uncovering the ultimate performance of single-walled carbon nanotube films as transparent conductors. Applied Physics Letters, 2015, 107, .	3.3	57
149	Laser images recording on aerosol-synthesized single-walled carbon nanotube films. Technical Physics Letters, 2015, 41, 887-890.	0.7	7
150	High-temperature transformations of coronene-based graphene nanoribbons encapsulated in SWNTs. Physica Status Solidi (B): Basic Research, 2015, 252, 2491-2495.	1.5	3
151	Synthesis of Tungsten Diselenide Nanoparticles by Chemical Vapor Condensation Method. Medziagotyra, 2015, 21, .	0.2	1
152	Hybrid Aluminum Composite Materials Based on Carbon Nanostructures. Medziagotyra, 2015, 21, .	0.2	3
153	Giga- and terahertz-range nanoemitter based on peapod structure. Nano Research, 2015, 8, 2595-2602.	10.4	4
154	A reference material of single-walled carbon nanotubes: quantitative chirality assessment using optical absorption spectroscopy. RSC Advances, 2015, 5, 102974-102980.	3.6	15
155	Photon-drag in single-walled carbon nanotube and silver-palladium films: the effect of polarization. Journal of Nanophotonics, 2015, 10, 012505.	1.0	3
156	Aerosol synthesized carbon nanotube films for stretchable electronic applications. , 2015, , .		2
157	Hybrid Single Walled Carbon Nanotube - Quantum Dot photosensors. , 2015, , .		0
158	Carbon nanotube network varactor. Nanotechnology, 2015, 26, 045201.	2.6	10
159	Single-Shell Carbon-Encapsulated Iron Nanoparticles: Synthesis and High Electrocatalytic Activity for Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2015, 54, 4535-4538.	13.8	268
160	A few-layered graphene on alumina nanofibers for electrochemical energy conversion. Carbon, 2015, 88, 157-164.	10.3	23
161	A Novel Method for Continuous Synthesis of ZnO Tetrapods. Journal of Physical Chemistry C, 2015, 119, 16366-16373.	3.1	30
162	Direct and Dry Deposited Single-Walled Carbon Nanotube Films Doped with MoO ₃ as Electron-Blocking Transparent Electrodes for Flexible Organic Solar Cells. Journal of the American Chemical Society, 2015, 137, 7982-7985.	13.7	150

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163	Carbon nanotube film replacing silver in high-efficiency solid-state dye solar cells employing polymer hole conductor. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3139-3144.	2.5	12
164	All-carbon nanotube diode and solar cell statistically formed from macroscopic network. <i>Nano Research</i> , 2015, 8, 2800-2809.	10.4	6
165	Metallization of single-wall carbon nanotube thin films induced by gas phase iodination. <i>Carbon</i> , 2015, 94, 768-774.	10.3	41
166	Gas phase synthesis of non-bundled, small diameter single-walled carbon nanotubes with near-armchair chiralities. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	54
167	Application of WSe_2 Nanoparticles Synthesized by Chemical Vapor Condensation Method for Li-Ion Battery Anodes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015, 229, 1429-1437.	2.8	22
168	Dry Functionalization and Doping of Single-Walled Carbon Nanotubes by Ozone. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27821-27828.	3.1	34
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