

# Albert G Nasibulin

## List of Publications by Year in Descending Order

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

282  
papers

9,274  
citations

51  
h-index

86  
g-index

316  
ext. papers

10,417  
ext. citations

6  
avg, IF

5.93  
L-index

#	Paper	IF	Citations
282	Terahertz-infrared spectroscopy of wafer-scale films of single-walled carbon nanotubes treated by plasma. <i>Carbon</i> , <b>2022</b> , 189, 413-421	10.4	2
281	Joint effect of ethylene and toluene on carbon nanotube growth. <i>Carbon</i> , <b>2022</b> , 189, 474-483	10.4	4
280	High-Quality Graphene Using Boudouard Reaction.. <i>Advanced Science</i> , <b>2022</b> , e2200217	13.6	1
279	Gentle Patterning Approaches toward Compatibility with Bio-Organic Materials and Their Environmental Aspects.. <i>Small</i> , <b>2022</b> , e2200476	11	2
278	Highly efficient doping of carbon nanotube films with chloroauric acid by dip-coating. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2022</b> , 278, 115648	3.1	1
277	Single-Walled Carbon Nanotube Thin Film for Flexible and Highly Responsive Perovskite Photodetector. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2109834	15.6	2
276	Multifunctional Elastic Nanocomposites with Extremely Low Concentrations of Single-Walled Carbon Nanotubes.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	6
275	In vitro toxicity of carbon nanotubes: a systematic review. <i>RSC Advances</i> , <b>2022</b> , 12, 16235-16256	3.7	5
274	Light-emitting p-i-n GaP/GaPAs NW encapsulated in a flexible PDMS membrane. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2103, 012178	0.3	
273	Flexible Electrode Formed by Patterned Layers of Single-Walled Carbon Nanotubes for Optoelectronic Applications. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2015, 012093	0.3	1
272	Single-walled carbon nanotube membranes as non-reflective substrates for nanophotonic applications. <i>Nanotechnology</i> , <b>2021</b> , 32, 095206	3.4	1
271	Green Lithography for Delicate Materials. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101533	15.6	2
270	Silicone Composites with CNT/Graphene Hybrid Fillers: A Review. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
269	Stretchable Transparent Light-Emitting Diodes Based on InGaN/GaN Quantum Well Microwires and Carbon Nanotube Films. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
268	Specular Reflectometry Studies of Alcohol-Induced Densification for Thin Films of Single-Walled Carbon Nanotubes. <i>Journal of Surface Investigation</i> , <b>2021</b> , 15, 773-776	0.5	1
267	Detecting cooking state of grilled chicken by electronic nose and computer vision techniques. <i>Food Chemistry</i> , <b>2021</b> , 345, 128747	8.5	7
266	Ultrafast, high modulation depth terahertz modulators based on carbon nanotube thin films. <i>Carbon</i> , <b>2021</b> , 173, 245-252	10.4	12

265	Activation of catalyst particles for single-walled carbon nanotube synthesis. <i>Chemical Engineering Journal</i> , <b>2021</b> , 413, 127475	14.7	6
264	ZnO Nanostructures Application in Electrochemistry: Influence of Morphology. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 1472-1482	3.8	21
263	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> , <b>2021</b> , 11, 30270-30282	3.7	3
262	Highly efficient bilateral doping of single-walled carbon nanotubes. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 4514-4521	7.1	4
261	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> , <b>2021</b> , 269, 115178	3.1	2
260	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> , <b>2021</b> , 9, 181	4	2
259	Chemical space mapping for multicomponent gas mixtures. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 895, 115472	4.1	0
258	Charge-neutral nonlocal response in superconductor-InAs nanowire hybrid devices. <i>Semiconductor Science and Technology</i> , <b>2021</b> , 36, 09LT04	1.8	0
257	Nd-Doped Polarization Maintaining All-Fiber Laser With Dissipative Soliton Resonance Mode-Locking at 905 nm. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 5582-5588	4	2
256	Residence time effect on single-walled carbon nanotube synthesis in an aerosol CVD reactor. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 129869	14.7	5
255	Flexible Perovskite CsPbBr Light Emitting Devices Integrated with GaP Nanowire Arrays in Highly Transparent and Durable Functionalized Silicones. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 9672-9676	6.4	1
254	Direct measurement of carbon nanotube temperature between fiber ferrules as a universal tool for saturable absorber stability investigation. <i>Carbon</i> , <b>2021</b> , 184, 941-948	10.4	2
253	Individual SWCNT Transistor with Photosensitive Planar Junction Induced by Two-Photon Oxidation. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2000872	6.4	1
252	Average SWCNT bundle length estimated by resistance measurement. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2103, 012131	0.3	
251	Processing and characterization of GaP nanowires encapsulated into a PDMS large-scale membrane for flexible optoelectronics. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2086, 012093	0.3	
250	Development of a Sensing Array for Human Breath Analysis Based on SWCNT Layers Functionalized with Semiconductor Organic Molecules. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e2000377	10.1	22
249	High Performance Hydrogen Evolution Reaction Catalyst Based on Single-Walled Carbon Nanotubes Decorated by RuOx Nanoparticles. <i>ChemElectroChem</i> , <b>2020</b> , 7, 2651-2659	4.3	4
248	Incorporation of Vanadium(V) Oxide in Hybrid Hole Transport Layer Enables Long-term Operational Stability of Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 5563-5568	6.4	12

247	Express determination of thickness and dielectric function of single-walled carbon nanotube films. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 231103	3.4	15
246	Quasi-2D Co <sub>3</sub> O <sub>4</sub> nanoflakes as an efficient gas sensor versus alcohol VOCs. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 7214-7228	13	14
245	Electrochemical enhancement of optoelectronic performance of transparent and conducting single-walled carbon nanotube films. <i>Carbon</i> , <b>2020</b> , 167, 244-248	10.4	6
244	Rapid, efficient, and non-destructive purification of single-walled carbon nanotube films from metallic impurities by Joule heating. <i>Carbon</i> , <b>2020</b> , 168, 193-200	10.4	9
243	Nanowire Growth without Catalysts: Applications and Mechanisms at the Atomic Scale. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 7314-7324	5.6	4
242	Structure-dependent performance of single-walled carbon nanotube films in transparent and conductive applications. <i>Carbon</i> , <b>2020</b> , 161, 712-717	10.4	18
241	Solar cells based on GaAs and carbon nanotubes. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1482, 0120353		
240	Evaluation of Elastic Properties and Conductivity of Chitosan Acetate Films in Ammonia and Water Vapors Using Acoustic Resonators. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
239	Novel design strategy for GaAs-based solar cell by application of single-walled carbon nanotubes topmost layer. <i>Energy Science and Engineering</i> , <b>2020</b> , 8, 2938-2945	3.4	4
238	Enhanced saturable absorption in the laser-treated free-standing carbon nanotube films. <i>Optics Letters</i> , <b>2020</b> , 45, 5377-5380	3	3
237	Improvement of single walled carbon nanotubes layer conductivity by texturing. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1697, 012123	0.3	
236	Superior environmentally friendly stretchable supercapacitor based on nitrogen-doped graphene/hydrogel and single-walled carbon nanotubes. <i>Journal of Energy Storage</i> , <b>2020</b> , 30, 101505	7.8	9
235	Modified silicone rubber for fabrication and contacting of flexible suspended membranes of n-/p-GaP nanowires with a single-walled carbon nanotube transparent contact. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 3764-3772	7.1	15
234	Densification of single-walled carbon nanotube films: Mesoscopic distinct element method simulations and experimental validation. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 184701	2.5	7
233	Fabrication and electrical study of large area free-standing membrane with embedded GaP NWs for flexible devices. <i>Nanotechnology</i> , <b>2020</b> , 31, 46LT01	3.4	6
232	The Ti wire functionalized with inherent TiO <sub>2</sub> nanotubes by anodization as one-electrode gas sensor: A proof-of-concept study. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 306, 127615	8.5	11
231	Adhesion of Single-Walled Carbon Nanotube Thin Films with Different Materials. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 504-509	6.4	6
230	Intersubband Plasmon Observation in Electrochemically Gated Carbon Nanotube Films. <i>ACS Applied Electronic Materials</i> , <b>2020</b> , 2, 195-203	4	8

229	Hybrid Low-Dimensional Carbon Allotropes Formed in Gas Phase. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2005016	15.6	5
228	Optimization of Optoelectronic Properties of Patterned Single-Walled Carbon Nanotube Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 55141-55147	9.5	7
227	Microplotter-Printed On-Chip Combinatorial Library of Ink-Derived Multiple Metal Oxides as an "Electronic Olfaction" Unit. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56135-56150	9.5	11
226	Fused Filament Fabricated Polypropylene Composite Reinforced by Aligned Glass Fibers. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
225	Enhancing the thermoelectric performance of single-walled carbon nanotube-conducting polymer nanocomposites. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 845, 156354	5.7	9
224	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> , <b>2020</b> , 383, 123073	14.7	11
223	Rational design of highly efficient flexible and transparent p-type composite electrode based on single-walled carbon nanotubes. <i>Nano Energy</i> , <b>2020</b> , 67, 104183	17.1	20
222	Aerosol-Assisted Fine-Tuning of Optoelectrical Properties of SWCNT Films. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 3961-3965	6.4	12
221	Robust technique for dispersion of single-walled carbon nanotubes in aqueous solutions with tRNA. <i>Carbon</i> , <b>2019</b> , 151, 175-180	10.4	2
220	Direct injection of SWCNTs into liquid after supercritical nitrogen treatment. <i>Carbon</i> , <b>2019</b> , 152, 66-69	10.4	3
219	Highly efficient thermophones based on freestanding single-walled carbon nanotube films. <i>Nanoscale Horizons</i> , <b>2019</b> , 4, 1158-1163	10.8	20
218	A spark discharge generator for scalable aerosol CVD synthesis of single-walled carbon nanotubes with tailored characteristics. <i>Chemical Engineering Journal</i> , <b>2019</b> , 372, 462-470	14.7	19
217	A novel straightforward wet pulling technique to fabricate carbon nanotube fibers. <i>Carbon</i> , <b>2019</b> , 150, 69-75	10.4	15
216	Giant Negative Terahertz Photoconductivity in Controllably Doped Carbon Nanotube Networks. <i>ACS Photonics</i> , <b>2019</b> , 6, 1058-1066	6.3	26
215	Tailoring electrochemical efficiency of hydrogen evolution by fine tuning of TiOx/RuOx composite cathode architecture. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 10593-10603	6.7	4
214	Intersubband plasmon excitations in doped carbon nanotubes. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	15
213	Artificial neural network for predictive synthesis of single-walled carbon nanotubes by aerosol CVD method. <i>Carbon</i> , <b>2019</b> , 153, 100-103	10.4	22
212	Ionic Liquid Gated Carbon Nanotube Saturable Absorber for Switchable Pulse Generation. <i>Nano Letters</i> , <b>2019</b> , 19, 5836-5843	11.5	34

211	Mechanically Tunable Single-Walled Carbon Nanotube Films as a Universal Material for Transparent and Stretchable Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27327-27334	9.5	32
210	Machine Learning for Tailoring Optoelectronic Properties of Single-Walled Carbon Nanotube Films. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 6962-6966	6.4	29
209	Dry-transfer technique for polymer-free single-walled carbon nanotube saturable absorber on a side polished fiber. <i>Optical Materials Express</i> , <b>2019</b> , 9, 1551	2.6	7
208	Gas Sensor Based on the Piezoelectric Resonator with Lateral Electric Field and Films of Chitosan Salts <b>2019</b> ,		3
207	Current Distribution in GaAs Solar Cell with Carbon Nanotube Transport Layer. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1400, 066053	0.3	
206	Lithography and Plasma Treatment Effect on Conductivity of Carbon Nanotubes. <i>Semiconductors</i> , <b>2019</b> , 53, 1926-1928	0.7	
205	AlGaAs/GaAs solar cell with CNT transport layer: numerical simulation. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1410, 012107	0.3	
204	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> , <b>2019</b> , 7, 1801002	3.5	17
203	Midinfrared Surface Plasmons in Carbon Nanotube Plasmonic Metasurface. <i>Physical Review Applied</i> , <b>2018</b> , 9,	4.3	11
202	Enhanced efficiency of hybrid amorphous silicon solar cells based on single-walled carbon nanotubes and polymer composite thin film. <i>Nanotechnology</i> , <b>2018</b> , 29, 105404	3.4	11
201	Highly conductive and transparent films of HAuCl <sub>4</sub> -doped single-walled carbon nanotubes for flexible applications. <i>Carbon</i> , <b>2018</b> , 130, 448-457	10.4	52
200	A One-Step Method of Hydrogel Modification by Single-Walled Carbon Nanotubes for Highly Stretchable and Transparent Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 28069-28075	9.5	52
199	Ambient Condition Production of High Quality Reduced Graphene Oxide. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1800737	4.6	9
198	Graphene oxide reduction by solid-state laser irradiation for bolometric applications. <i>Nanotechnology</i> , <b>2018</b> , 29, 035301	3.4	8
197	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> , <b>2018</b> , 255, 1700557	1.3	4
196	Influence of nanotube length and density on the plasmonic terahertz response of single-walled carbon nanotubes. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 014003	3	18
195	Numerical simulation of the carbon nanotubes transport layer influence on performance of GaAs solar cell. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1124, 041040	0.3	4
194	Study of p-type contact topography influence on characteristics of microdisk and microring lasers. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1124, 041012	0.3	2

193	Charge transport mechanisms in macro-scale CNT films. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1092, 012178	0.3	0
192	Sign inversion in the terahertz photoconductivity of single-walled carbon nanotube films. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	7
191	Holey single-walled carbon nanotubes for ultra-fast broadband bolometers. <i>Nanoscale</i> , <b>2018</b> , 10, 18665-18671	1.5	15
190	Bismuth-doped fiber laser at 1.32 $\mu$ m mode-locked by single-walled carbon nanotubes. <i>Optics Express</i> , <b>2018</b> , 26, 23911-23917	3.3	18
189	Thermoacoustic sound projector: exceeding the fundamental efficiency of carbon nanotubes. <i>Nanotechnology</i> , <b>2018</b> , 29, 325704	3.4	13
188	Flexible self-powered piezo-supercapacitor system for wearable electronics. <i>Nanotechnology</i> , <b>2018</b> , 29, 325501	3.4	17
187	Noise Insights into Electronic Transport. <i>JETP Letters</i> , <b>2018</b> , 108, 71-83	1.2	6
186	Experimental and Computational Investigation of Hydrogen Evolution Reaction Mechanism on Nitrogen Functionalized Carbon Nanotubes. <i>ChemCatChem</i> , <b>2018</b> , 10, 3872-3882	5.2	11
185	Mode locking of a fibre laser with a matrix-less carbon nanotube film <b>2017</b> ,		1
184	Direct observation of nanowire growth and decomposition. <i>Scientific Reports</i> , <b>2017</b> , 7, 12310	4.9	5
183	The Room-Temperature Chemiresistive Properties of Potassium Titanate Whiskers versus Organic Vapors. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	4
182	All-nanotube stretchable supercapacitor with low equivalent series resistance. <i>Scientific Reports</i> , <b>2017</b> , 7, 17449	4.9	30
181	Standardized Procedures Important for Improving Single-Component Ceramic Fuel Cell Technology. <i>ACS Energy Letters</i> , <b>2017</b> , 2, 2752-2755	20.1	24
180	On the high charge-carrier mobility in polyaniline molecular channels in nanogaps between carbon nanotubes. <i>Semiconductors</i> , <b>2017</b> , 51, 488-491	0.7	1
179	Terahertz-infrared electrodynamics of single-wall carbon nanotube films. <i>Nanotechnology</i> , <b>2017</b> , 28, 445204	3.4	12
178	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> , <b>2016</b> , 11, 343-347	0.9	9
177	Photophysical and photochemical effects in ultrafast laser patterning of CVD graphene. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 41LT01	3	11
176	Single-walled carbon nanotubes coated with ZnO by atomic layer deposition. <i>Nanotechnology</i> , <b>2016</b> , 27, 485709	3.4	6



175	Transparent and conductive hybrid graphene/carbon nanotube films. <i>Carbon</i> , <b>2016</b> , 100, 501-507	10.4	60
174	Maghemite nanoparticles decorated on carbon nanotubes as efficient electrocatalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 5216-5222	13	55
173	Flexible light-emitting electrochemical cells with single-walled carbon nanotube anodes. <i>Organic Electronics</i> , <b>2016</b> , 30, 36-39	3.5	17
172	Ultrafast all-fibre laser mode-locked by polymer-free carbon nanotube film. <i>Optics Express</i> , <b>2016</b> , 24, 28768-28773	3.3	35
171	The effect of the environment on the electronic properties of single-walled carbon nanotubes. <i>Technical Physics Letters</i> , <b>2016</b> , 42, 1071-1075	0.7	9
170	Polymer-Free Carbon Nanotubes Saturable Absorbers for Nanosecond Pulse Generation. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 740, 012017	0.3	1
169	A bolometer based on single-walled carbon nanotubes and hybrid materials. <i>Quantum Electronics</i> , <b>2016</b> , 46, 1163-1169	1.8	4
168	Carbon nanotube-amorphous silicon hybrid solar cell with improved conversion efficiency. <i>Nanotechnology</i> , <b>2016</b> , 27, 185401	3.4	9
167	Transparent and flexible high-performance supercapacitors based on single-walled carbon nanotube films. <i>Nanotechnology</i> , <b>2016</b> , 27, 235403	3.4	59
166	Gas-Phase Synthesis and Control of Structure and Thickness of Graphene Layers on Copper Substrates. <i>Metal Science and Heat Treatment</i> , <b>2016</b> , 58, 40-45	0.6	23
165	Electrical behaviour of native cellulose nanofibril/carbon nanotube hybrid aerogels under cyclic compression. <i>RSC Advances</i> , <b>2016</b> , 6, 89051-89056	3.7	17
164	Stretchable and transparent supercapacitors based on aerosol synthesized single-walled carbon nanotube films. <i>RSC Advances</i> , <b>2016</b> , 6, 93915-93921	3.7	31
163	Single-Shell Carbon-Encapsulated Iron Nanoparticles: Synthesis and High Electrocatalytic Activity for Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4618-4621	3.6	54
162	A few-layered graphene on alumina nanofibers for electrochemical energy conversion. <i>Carbon</i> , <b>2015</b> , 88, 157-164	10.4	18
161	A Novel Method for Continuous Synthesis of ZnO Tetrapods. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 16366-16373	3.8	18
160	Direct and Dry Deposited Single-Walled Carbon Nanotube Films Doped with MoO(x) as Electron-Blocking Transparent Electrodes for Flexible Organic Solar Cells. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7982-5	16.4	126
159	Carbon nanotube film replacing silver in high-efficiency solid-state dye solar cells employing polymer hole conductor. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 3139-3144	2.6	11
158	All-carbon nanotube diode and solar cell statistically formed from macroscopic network. <i>Nano Research</i> , <b>2015</b> , 8, 2800-2809	10	2



157	Metallization of single-wall carbon nanotube thin films induced by gas phase iodination. <i>Carbon</i> , <b>2015</b> , 94, 768-774	10.4	34
156	Gas phase synthesis of non-bundled, small diameter single-walled carbon nanotubes with near-armchair chiralities. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 013106	3.4	48
155	Application of WSe <sub>2</sub> Nanoparticles Synthesized by Chemical Vapor Condensation Method for Li-Ion Battery Anodes. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2015</b> , 229, 1429-1437	3.1	20
154	Dry Functionalization and Doping of Single-Walled Carbon Nanotubes by Ozone. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 27821-27828	3.8	29
153	Uncovering the ultimate performance of single-walled carbon nanotube films as transparent conductors. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 143113	3.4	48
152	Laser images recording on aerosol-synthesized single-walled carbon nanotube films. <i>Technical Physics Letters</i> , <b>2015</b> , 41, 887-890	0.7	6
151	High-temperature transformations of coronene-based graphene nanoribbons encapsulated in SWNTs. <i>Physica Status Solidi (B): Basic Research</i> , <b>2015</b> , 252, 2491-2495	1.3	1
150	Hybrid Aluminum Composite Materials Based on Carbon Nanostructures. <i>Medziagotyra</i> , <b>2015</b> , 21,	0.4	3
149	An Impact of Carbon Nanostructured Additives on the Kinetics of Cement Hydration. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 725-726, 425-430	0.3	4
148	Giga- and terahertz-range nanoemitter based on peapod structure. <i>Nano Research</i> , <b>2015</b> , 8, 2595-2602	10	2
147	A reference material of single-walled carbon nanotubes: quantitative chirality assessment using optical absorption spectroscopy. <i>RSC Advances</i> , <b>2015</b> , 5, 102974-102980	3.7	13
146	Photon-drag in single-walled carbon nanotube and silver-palladium films: the effect of polarization. <i>Journal of Nanophotonics</i> , <b>2015</b> , 10, 012505	1.1	3
145	Aerosol synthesized carbon nanotube films for stretchable electronic applications <b>2015</b> ,		2
144	Carbon nanotube network varactor. <i>Nanotechnology</i> , <b>2015</b> , 26, 045201	3.4	7
143	Single-shell carbon-encapsulated iron nanoparticles: synthesis and high electrocatalytic activity for hydrogen evolution reaction. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4535-8	16.4	238
142	Enhanced performance of a silicon microfabricated direct methanol fuel cell with PtRu catalysts supported on few-walled carbon nanotubes. <i>Energy</i> , <b>2014</b> , 65, 612-620	7.9	35
141	Synthesis of Carbon Nanofibers on the Surface of Particles of Aluminum Powder. <i>Metal Science and Heat Treatment</i> , <b>2014</b> , 55, 564-568	0.6	22
140	Coronene encapsulation in single-walled carbon nanotubes: stacked columns, peapods, and nanoribbons. <i>ChemPhysChem</i> , <b>2014</b> , 15, 1660-5	3.2	24

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135	Aerosol feeding of catalyst precursor for CNT synthesis and highly conductive and transparent film fabrication. <i>Chemical Engineering Journal</i> , <b>2014</b> , 255, 134-140	14.7	51
134	In situ study of noncatalytic metal oxide nanowire growth. <i>Nano Letters</i> , <b>2014</b> , 14, 5810-3	11.5	48
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