

# Esko I Kauppinen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8008083/publications.pdf>

Version: 2024-02-01

415  
papers

19,652  
citations

10986

71  
h-index

18647

119  
g-index

424  
all docs

424  
docs citations

424  
times ranked

20374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Diameter Carbon Nanotube Transparent Conductor Overcoming Performance-Yield Tradeoff. <i>Advanced Functional Materials</i> , 2022, 32, 2103397.	14.9	24
2	Intertube Excitonic Coupling in Nanotube Van der Waals Heterostructures. <i>Advanced Functional Materials</i> , 2022, 32, 2104969.	14.9	18
3	Joint effect of ethylene and toluene on carbon nanotube growth. <i>Carbon</i> , 2022, 189, 474-483.	10.3	20
4	Utilization of Multifunctional Environment-Friendly Organic Dopants Inspired from Nature for Carbon Nanotube-Based Planar Heterojunction Silicon Solar Cells. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	5.8	2
5	Multi-Functional MoO <sub>3</sub> Doping of Carbon Nanotube Top Electrodes for Highly Transparent and Efficient Semi-Transparent Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	14
6	Molybdenum Disulfide/Double-Wall Carbon Nanotube Mixed-Dimensional Heterostructures. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	6
7	Intertube Excitonic Coupling in Nanotube Van der Waals Heterostructures (Adv. Funct. Mater.) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	14.9	1
8	Towards the synthesis of semiconducting single-walled carbon nanotubes by floating-catalyst chemical vapor deposition: Challenges of reproducibility. <i>Carbon</i> , 2022, 195, 92-100.	10.3	13
9	Dry-transferred single-walled carbon nanotube thin films for flexible and transparent heaters. <i>Surfaces and Interfaces</i> , 2022, 31, 101992.	3.0	4
10	Key factors for ultra-high on/off ratio thin-film transistors using as-grown carbon nanotube networks. <i>RSC Advances</i> , 2022, 12, 16291-16295.	3.6	5
11	Colors of Single-Wall Carbon Nanotubes. <i>Advanced Materials</i> , 2021, 33, e2006395.	21.0	18
12	Initial competing chemical pathways during floating catalyst chemical vapor deposition carbon nanotube growth. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	22
13	Phenomenological model of thermal transport in carbon nanotube and hetero-nanotube films. <i>Nanotechnology</i> , 2021, 32, 205708.	2.6	2
14	Foldable Perovskite Solar Cells Using Carbon Nanotube-Embedded Ultrathin Polyimide Conductor. <i>Advanced Science</i> , 2021, 8, 2004092.	11.2	60
15	Carbon Nanotubes: Colors of Single-Wall Carbon Nanotubes (Adv. Mater. 8/2021). <i>Advanced Materials</i> , 2021, 33, 2170060.	21.0	1
16	Tunable Doping and Characterization of Single-Wall Carbon Nanotube Macrosystems for Electrode Material Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 3220-3231.	5.0	3
17	Strong dark current suppression in flexible organic photodetectors by carbon nanotube transparent electrodes. <i>Nano Today</i> , 2021, 37, 101081.	11.9	50
18	A semi-grand canonical kinetic Monte Carlo study of single-walled carbon nanotube growth. <i>AIP Advances</i> , 2021, 11, .	1.3	6

#	ARTICLE	IF	CITATIONS
19	Photoluminescence from Single-Walled MoS <sub>2</sub> Nanotubes Coaxially Grown on Boron Nitride Nanotubes. ACS Nano, 2021, 15, 8418-8426.	14.6	35
20	Carbon Nanotube Mask Filters and Their Hydrophobic Barrier and Hyperthermic Antiviral Effects on SARS-CoV-2. ACS Applied Nano Materials, 2021, 4, 8135-8144.	5.0	25
21	A Review of the Terahertz Conductivity and Photoconductivity of Carbon Nanotubes and Heteronanotubes. Advanced Optical Materials, 2021, 9, 2101042.	7.3	32
22	One-dimensional van der Waals heterostructures: Growth mechanism and handedness correlation revealed by nondestructive TEM. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
23	Single-Walled Carbon Nanotube Thin Film with High Semiconducting Purity by Aerosol Etching toward Thin-Film Transistors. ACS Applied Nano Materials, 2021, 4, 9673-9679.	5.0	5
24	SWCNT@BNNT With 1D Van Der Waals Heterostructure With a High Optical Damage Threshold for Laser Mode-Locking. Journal of Lightwave Technology, 2021, 39, 5875-5883.	4.6	7
25	Electronic transitions of SWCNTs in comparison to GO on Mn <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> nanocomposites for hydrogen energy generation and solar photocatalysis. New Journal of Chemistry, 2021, 45, 2431-2442.	2.8	7
26	Trends in Carbon, Oxygen, and Nitrogen Core in the X-ray Absorption Spectroscopy of Carbon Nanomaterials: A Guide for the Perplexed. Journal of Physical Chemistry C, 2021, 125, 973-988.	3.1	30
27	Aerosol synthesis of single-walled carbon nanotubes by tuning feeding flow configuration for transparent conducting films. Diamond and Related Materials, 2021, 120, 108716.	3.9	8
28	Fast and Ultraclean Approach for Measuring the Transport Properties of Carbon Nanotubes. Advanced Functional Materials, 2020, 30, 1907150.	14.9	7
29	Silicon Solar Cells: Multifunctional Effect of p-Doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotube-Based Silicon Solar Cells (Adv. Energy) Tj ETQq1 110.784314 rgBT /Ove	10.7	14
30	Multifunctional Effect of p-Doping, Antireflection, and Encapsulation by Polymeric Acid for High Efficiency and Stable Carbon Nanotube-Based Silicon Solar Cells. Advanced Energy Materials, 2020, 10, 1902389.	19.5	40
31	High-performance transparent conducting films of long single-walled carbon nanotubes synthesized from toluene alone. Nano Research, 2020, 13, 112-120.	10.4	29
32	Hybrid Low-Dimensional Carbon Allotropes Formed in Gas Phase. Advanced Functional Materials, 2020, 30, 2005016.	14.9	11
33	A structure and activity relationship for single-walled carbon nanotube growth confirmed by in situ observations and modeling. Nanoscale, 2020, 12, 21923-21931.	5.6	9
34	Carbon Nanotube Electrode-Based Perovskite-Silicon Tandem Solar Cells. Solar Rrl, 2020, 4, 2000353.	5.8	19
35	Suspended superconducting weak links from aerosol-synthesized single-walled carbon nanotubes. Nano Research, 2020, 13, 3433-3438.	10.4	3
36	Transparent and Freestanding Single-Walled Carbon Nanotube Films Synthesized Directly and Continuously via a Blown Aerosol Technique. Advanced Materials, 2020, 32, e2004277.	21.0	34

#	ARTICLE	IF	CITATIONS
37	Carbon nanotubes to outperform metal electrodes in perovskite solar cells via dopant engineering and hole-selectivity enhancement. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11141-11147.	10.3	51
38	Scalable growth of single-walled carbon nanotubes with a highly uniform structure. <i>Nanoscale</i> , 2020, 12, 12263-12267.	5.6	22
39	Electrochemical Detection of Oxycodone and Its Main Metabolites with Nafion-Coated Single-Walled Carbon Nanotube Electrodes. <i>Analytical Chemistry</i> , 2020, 92, 8218-8227.	6.5	31
40	Mesoporous Single-Atom-Doped Graphene-Carbon Nanotube Hybrid: Synthesis and Tunable Electrocatalytic Activity for Oxygen Evolution and Reduction Reactions. <i>ACS Catalysis</i> , 2020, 10, 4647-4658.	11.2	100
41	MoS <sub>2</sub> -carbon nanotube heterostructure as efficient hole transporters and conductors in perovskite solar cells. <i>Applied Physics Express</i> , 2020, 13, 075009.	2.4	11
42	Single-Walled Carbon Nanotube Network Electrodes for the Detection of Fentanyl Citrate. <i>ACS Applied Nano Materials</i> , 2020, 3, 1203-1212.	5.0	28
43	One-dimensional van der Waals heterostructures. <i>Science</i> , 2020, 367, 537-542.	12.6	238
44	Ultrafast Optoelectronic Processes in 1D Radial van der Waals Heterostructures: Carbon, Boron Nitride, and MoS <sub>2</sub> Nanotubes with Coexisting Excitons and Highly Mobile Charges. <i>Nano Letters</i> , 2020, 20, 3560-3567.	9.1	40
45	Enhanced In-Plane Thermal Conductance of Thin Films Composed of Coaxially Combined Single-Walled Carbon Nanotubes and Boron Nitride Nanotubes. <i>ACS Nano</i> , 2020, 14, 4298-4305.	14.6	36
46	Sub 5-cycle pulse generation from mode-locked Cr:ZnS laser using mid-IR resonant SWCNTs. , 2020, , .		0
47	A robust Co <sub>x</sub> Mg <sub>1-x</sub> O catalyst for predominantly growing (6, 5) single-walled carbon nanotubes. <i>Carbon</i> , 2019, 153, 389-395.	10.3	22
48	Roles of sulfur in floating-catalyst CVD growth of single-walled carbon nanotubes for transparent conductive film applications. <i>Chemical Engineering Journal</i> , 2019, 378, 122010.	12.7	22
49	Immunoassays Based on Hot Electron-Induced Electrochemiluminescence at Disposable Cell Chips with Printed Electrodes. <i>Sensors</i> , 2019, 19, 2751.	3.8	2
50	Electron-Beam Manipulation of Silicon Impurities in Single-Walled Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2019, 29, 1901327.	14.9	14
51	Simultaneous Detection of Morphine and Codeine in the Presence of Ascorbic Acid and Uric Acid and in Human Plasma at Nafion Single-Walled Carbon Nanotube Thin-Film Electrode. <i>ACS Omega</i> , 2019, 4, 17726-17734.	3.5	33
52	Investigation of charge interaction between fullerene derivatives and single-walled carbon nanotubes. <i>Informa Mater J</i> , 2019, 1, 559-570.	17.3	17
53	Substitutional Si Doping of Graphene and Nanotubes through Ion Irradiation-Induced Vacancies. <i>Microscopy and Microanalysis</i> , 2019, 25, 1574-1575.	0.4	0
54	Enhanced Tunneling in a Hybrid of Single-Walled Carbon Nanotubes and Graphene. <i>ACS Nano</i> , 2019, 13, 11522-11529.	14.6	23

#	ARTICLE	IF	CITATIONS
55	Controlled Redox of Lithium-Ion Endohedral Fullerene for Efficient and Stable Metal Electrode-Free Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 16553-16558.	13.7	61
56	Recent Developments in Single-Walled Carbon Nanotube Thin Films Fabricated by Dry Floating Catalyst Chemical Vapor Deposition. <i>Topics in Current Chemistry Collections</i> , 2019, , 99-128.	0.5	0
57	Silicon Substitution in Nanotubes and Graphene via Intermittent Vacancies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13136-13140.	3.1	27
58	Systematic investigation of the catalyst composition effects on single-walled carbon nanotubes synthesis in floating-catalyst CVD. <i>Carbon</i> , 2019, 149, 318-327.	10.3	50
59	Hybrid X-ray Spectroscopy-Based Approach To Acquire Chemical and Structural Information of Single-Walled Carbon Nanotubes with Superior Sensitivity. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6114-6120.	3.1	9
60	Mode-Locked Oscillation of Cr:ZnS Laser using a Single Walled Carbon Nanotube Film with Resonant Absorption at 2.4 $\mu\text{m}$ . , 2019, , .		0
61	Growth kinetics of single-walled carbon nanotubes with a (2 $\langle i \rangle n \langle /i \rangle$ , $\langle i \rangle n \langle /i \rangle$ ) chirality selection. <i>Science Advances</i> , 2019, 5, eaav9668.	10.3	42
62	Can Single-Walled Carbon Nanotube Diameter Be Defined by Catalyst Particle Diameter?. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30305-30317.	3.1	17
63	Hot electron-induced electrochemiluminescence at cellulose derivatives-based composite electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 349-356.	3.8	6
64	Cutting floating single-walled carbon nanotubes with a $\text{CO}_2$ blade™. <i>Carbon</i> , 2019, 143, 481-486.	10.3	10
65	Is there chiral correlation between graphitic layers in double-wall carbon nanotubes?. <i>Carbon</i> , 2019, 144, 147-151.	10.3	16
66	Vapor-Assisted Ex-Situ Doping of Carbon Nanotube toward Efficient and Stable Perovskite Solar Cells. <i>Nano Letters</i> , 2019, 19, 2223-2230.	9.1	72
67	Self-starting mode-locked Cr:ZnS laser using single-walled carbon nanotubes with resonant absorption at 2.4 $\mu\text{m}$ . <i>Optics Letters</i> , 2019, 44, 1750.	3.3	24
68	Can single-walled carbon nanotube diameter be defined by catalyst particle diameter?. <i>Journal of Physical Chemistry C</i> , 2019, 123, .	3.1	1
69	Floating catalyst CVD synthesis of single walled carbon nanotubes from ethylene for high performance transparent electrodes. <i>Nanoscale</i> , 2018, 10, 9752-9759.	5.6	73
70	Harmonic analysis of surface instability patterns on colloidal particles. <i>Soft Matter</i> , 2018, 14, 3387-3396.	2.7	18
71	Pulmonary administration of a dry powder formulation of the antifibrotic drug tilorone reduces silica-induced lung fibrosis in mice. <i>International Journal of Pharmaceutics</i> , 2018, 544, 121-128.	5.2	9
72	High temperature growth of single-walled carbon nanotubes with a narrow chirality distribution by tip-growth mode. <i>Chemical Engineering Journal</i> , 2018, 341, 344-350.	12.7	23

#	ARTICLE	IF	CITATIONS
73	Wafer-Scale Thermophoretic Dry Deposition of Single-Walled Carbon Nanotube Thin Films. ACS Omega, 2018, 3, 1322-1328.	3.5	10
74	Validity of Measuring Metallic and Semiconducting Single-Walled Carbon Nanotube Fractions by Quantitative Raman Spectroscopy. Analytical Chemistry, 2018, 90, 2517-2525.	6.5	34
75	Carbon-sandwiched perovskite solar cell. Journal of Materials Chemistry A, 2018, 6, 1382-1389.	10.3	98
76	Ultrahigh-performance transparent conductive films of carbon-welded isolated single-wall carbon nanotubes. Science Advances, 2018, 4, eaap9264.	10.3	178
77	Growth modes and chiral selectivity of single-walled carbon nanotubes. Nanoscale, 2018, 10, 6744-6750.	5.6	67
78	Dense Carbon Nanotube Films as Transparent Electrodes in Low-voltage Polymer and All-Carbon Transistors. Advanced Electronic Materials, 2018, 4, 1700331.	5.1	9
79	Anchoring effect of Ni <sup>2+</sup> in stabilizing reduced metallic particles for growing single-walled carbon nanotubes. Carbon, 2018, 128, 249-256.	10.3	28
80	Single-Walled Carbon Nanotubes: Tuning Geometry of SWCNTs by CO <sub>2</sub> in Floating Catalyst CVD for High-Performance Transparent Conductive Films (Adv. Mater. Interfaces 23/2018). Advanced Materials Interfaces, 2018, 5, 1870114.	3.7	2
81	Carbon Nanotubes and Related Nanomaterials: Critical Advances and Challenges for Synthesis toward Mainstream Commercial Applications. ACS Nano, 2018, 12, 11756-11784.	14.6	388
82	Tuning Geometry of SWCNTs by CO <sub>2</sub> in Floating Catalyst CVD for High-Performance Transparent Conductive Films. Advanced Materials Interfaces, 2018, 5, 1801209.	3.7	20
83	Gas phase synthesis of metallic and bimetallic catalyst nanoparticles by rod-to-tube type spark discharge generator. Journal of Aerosol Science, 2018, 123, 208-218.	3.8	23
84	Experimental and Computational Investigation of Hydrogen Evolution Reaction Mechanism on Nitrogen Functionalized Carbon Nanotubes. ChemCatChem, 2018, 10, 3872-3882.	3.7	14
85	High-performance single-walled carbon nanotube transparent conducting film fabricated by using low feeding rate of ethanol solution. Royal Society Open Science, 2018, 5, 180392.	2.4	23
86	Direct Synthesis of Colorful Single-Walled Carbon Nanotube Thin Films. Journal of the American Chemical Society, 2018, 140, 9797-9800.	13.7	59
87	Atomic-Scale Deformations at the Interface of a Mixed-Dimensional van der Waals Heterostructure. ACS Nano, 2018, 12, 8512-8519.	14.6	19
88	Measurement of in-plane sheet thermal conductance of single-walled carbon nanotube thin films by steady-state infrared thermography. Japanese Journal of Applied Physics, 2018, 57, 075101.	1.5	11
89	Non-doped and unsorted single-walled carbon nanotubes as carrier-selective, transparent, and conductive electrode for perovskite solar cells. MRS Communications, 2018, 8, 1058-1063.	1.8	14
90	Polymeric acid-doped transparent carbon nanotube electrodes for organic solar cells with the longest doping durability. Journal of Materials Chemistry A, 2018, 6, 14553-14559.	10.3	60

#	ARTICLE	IF	CITATIONS
91	High Temperatureâ€Stable Perovskite Solar Cell Based on Lowâ€Cost Carbon Nanotube Hole Contact. <i>Advanced Materials</i> , 2017, 29, 1606398.	21.0	209
92	Photonâ€Pair Generation with a 100 nm Thick Carbon Nanotube Film. <i>Advanced Materials</i> , 2017, 29, 1605978.	21.0	28
93	Growth Termination and Multiple Nucleation of Single-Wall Carbon Nanotubes Evidenced by <i>in Situ</i> Transmission Electron Microscopy. <i>ACS Nano</i> , 2017, 11, 4483-4493.	14.6	60
94	Scalable and Solidâ€State Redox Functionalization of Transparent Singleâ€Walled Carbon Nanotube Films for Highly Efficient and Stable Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1700449.	19.5	57
95	Indium Tin Oxide-Free Small Molecule Organic Solar Cells Using Single-Walled Carbon Nanotube Electrodes. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, M3181-M3184.	1.8	14
96	Tailorable secondâ€harmonic generation from an individual nanowire using spatially phaseâ€shaped beams. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600175.	8.7	23
97	Dry and Direct Deposition of Aerosol-Synthesized Single-Walled Carbon Nanotubes by Thermophoresis. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20738-20747.	8.0	42
98	Electrochemical Activation of Single-Walled Carbon Nanotubes with Pseudo-Atomic-Scale Platinum for the Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2017, 7, 3121-3130.	11.2	279
99	Perovskite Solar Cells Using Carbon Nanotubes Both as Cathode and as Anode. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25743-25749.	3.1	89
100	Carbon Nanotubes versus Graphene as Flexible Transparent Electrodes in Inverted Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5395-5401.	4.6	141
101	Highly conductive and transparent single-walled carbon nanotube thin films from ethanol by floating catalyst chemical vapor deposition. <i>Nanoscale</i> , 2017, 9, 17601-17609.	5.6	45
102	Atomic layer etching of gallium nitride (0001). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, .	2.1	37
103	Probing the longitudinal electric field of Bessel beams using second-harmonic generation from nano-objects. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 084011.	2.2	3
104	Recent Developments in Single-Walled Carbon Nanotube Thin Films Fabricated by Dry Floating Catalyst Chemical Vapor Deposition. <i>Topics in Current Chemistry</i> , 2017, 375, 90.	5.8	40
105	Applications of carbon nanotubes and graphene produced by chemical vapor deposition. <i>MRS Bulletin</i> , 2017, 42, 825-833.	3.5	14
106	Carbon Nanotubes: Photonâ€Pair Generation with a 100 nm Thick Carbon Nanotube Film ( <i>Adv. Mater.</i> ) Tj ETQq0 0,0rgBT /Oylock 10	21.0	2
107	Aerosolization, Drug Permeation and Cellular Interaction of Dry Powder Pulmonary Formulations of Corticosteroids with Hydroxypropyl- $\beta$ -Cyclodextrin as a Solubilizer. <i>Pharmaceutical Research</i> , 2017, 34, 25-35.	3.5	17
108	Temperature dependent performance and catalyst layer properties of PtRu supported on modified few-walled carbon nanotubes for the alkaline direct ethanol fuel cell. <i>Journal of Electroanalytical Chemistry</i> , 2017, 793, 48-57.	3.8	19

#	ARTICLE	IF	CITATIONS
109	Porous N,P-doped carbon from coconut shells with high electrocatalytic activity for oxygen reduction: Alternative to Pt-C for alkaline fuel cells. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 394-402.	20.2	294
110	Dry-Deposited Transparent Carbon Nanotube Film as Front Electrode in Colloidal Quantum Dot Solar Cells. <i>ChemSusChem</i> , 2017, 10, 434-441.	6.8	21
111	Linking growth mode to lengths of single-walled carbon nanotubes. <i>Carbon</i> , 2017, 113, 231-236.	10.3	75
112	Nonlinear imaging of nanostructures using beams with binary phase modulation. <i>Optics Express</i> , 2017, 25, 10441.	3.4	3
113	Nonlinear microscopy using cylindrical vector beams: Applications to three-dimensional imaging of nanostructures. <i>Optics Express</i> , 2017, 25, 12463.	3.4	26
114	Protective capping and surface passivation of III-V nanowires by atomic layer deposition. <i>AIP Advances</i> , 2016, 6, .	1.3	29
115	Effect of tetrahedral amorphous carbon coating on the resistivity and wear of single-walled carbon nanotube network. <i>Journal of Applied Physics</i> , 2016, 119, 185306.	2.5	5
116	Drug permeation and cellular interaction of amino acid-coated drug combination powders for pulmonary delivery. <i>International Journal of Pharmaceutics</i> , 2016, 504, 89-97.	5.2	13
117	Hierarchical chrysanthemum-flower-like carbon nanomaterials grown by chemical vapor deposition. <i>Nanotechnology</i> , 2016, 27, 085602.	2.6	5
118	Oral hypoglycaemic effect of GLP-1 and DPP4 inhibitor based nanocomposites in a diabetic animal model. <i>Journal of Controlled Release</i> , 2016, 232, 113-119.	9.9	44
119	Electrical behaviour of native cellulose nanofibril/carbon nanotube hybrid aerogels under cyclic compression. <i>RSC Advances</i> , 2016, 6, 89051-89056.	3.6	20
120	Chiral-selective growth of single-walled carbon nanotubes on Fe-based catalysts using CO as carbon source. <i>Carbon</i> , 2016, 108, 521-528.	10.3	53
121	High-Throughput Synthesis of Lignin Particles ( $\approx 30$ nm to $\approx 420$ nm) via Aerosol Flow Reactor: Size Fractionation and Utilization in Pickering Emulsions. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 23302-23310.	8.0	180
122	Lithography-free shell-substrate isolation for core-shell GaAs nanowires. <i>Nanotechnology</i> , 2016, 27, 275603.	2.6	1
123	Synthesis and properties of ultra-long InP nanowires on glass. <i>Nanotechnology</i> , 2016, 27, 505606.	2.6	7
124	Environmental transmission electron microscopy investigations of Pt-Fe <sub>2</sub> O <sub>3</sub> nanoparticles for nucleating carbon nanotubes. <i>Carbon</i> , 2016, 110, 243-248.	10.3	27
125	Growth of semiconducting single-wall carbon nanotubes with a narrow band-gap distribution. <i>Nature Communications</i> , 2016, 7, 11160.	12.8	75
126	Single-walled carbon nanotubes coated with ZnO by atomic layer deposition. <i>Nanotechnology</i> , 2016, 27, 485709.	2.6	6



#	ARTICLE	IF	CITATIONS
127	Metal-electrode-free Window-like Organic Solar Cells with p-Doped Carbon Nanotube Thin-film Electrodes. <i>Scientific Reports</i> , 2016, 6, 31348.	3.3	66
128	Fe Ti O based catalyst for large-chiral-angle single-walled carbon nanotube growth. <i>Carbon</i> , 2016, 107, 865-871.	10.3	11
129	Transparent and conductive hybrid graphene/carbon nanotube films. <i>Carbon</i> , 2016, 100, 501-507.	10.3	76
130	Carbon nanotube-based hybrid hole-transporting material and selective contact for high efficiency perovskite solar cells. <i>Energy and Environmental Science</i> , 2016, 9, 461-466.	30.8	185
131	A technique for large-area position-controlled growth of GaAs nanowire arrays. <i>Nanotechnology</i> , 2016, 27, 135601.	2.6	9
132	Highly individual SWCNTs for high performance thin film electronics. <i>Carbon</i> , 2016, 103, 228-234.	10.3	63
133	Maghemite nanoparticles decorated on carbon nanotubes as efficient electrocatalysts for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5216-5222.	10.3	65
134	Flexible light-emitting electrochemical cells with single-walled carbon nanotube anodes. <i>Organic Electronics</i> , 2016, 30, 36-39.	2.6	18
135	Conditions for forming composite carbon nanotube-diamond like carbon material that retain the good properties of both materials. <i>Journal of Applied Physics</i> , 2015, 118, 194306.	2.5	7
136	Hydrophobic benzyl amines as supports for liquid-phase C-terminal amidated peptide synthesis: application to the preparation of ABT-510. <i>Journal of Peptide Science</i> , 2015, 21, 691-695.	1.4	17
137	Ambient-Dried Cellulose Nanofibril Aerogel Membranes with High Tensile Strength and Their Use for Aerosol Collection and Templates for Transparent, Flexible Devices. <i>Advanced Functional Materials</i> , 2015, 25, 6618-6626.	14.9	155
138	Broadband laser polarization control with aligned carbon nanotubes. <i>Nanoscale</i> , 2015, 7, 11199-11205.	5.6	14
139	A reference material of single-walled carbon nanotubes: quantitative chirality assessment using optical absorption spectroscopy. <i>RSC Advances</i> , 2015, 5, 102974-102980.	3.6	15
140	Toward the Limits of Uniformity of Mixed Metallicity SWCNT TFT Arrays with Spark-Synthesized and Surface-Density-Controlled Nanotube Networks. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28134-28141.	8.0	11
141	Hybrid Single Walled Carbon Nanotube - Quantum Dot photosensors. , 2015, , .		0
142	Single-Shell Carbon-Encapsulated Iron Nanoparticles: Synthesis and High Electrocatalytic Activity for Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4535-4538.	13.8	268
143	Fabrication of Dual-Type Nanowire Arrays on a Single Substrate. <i>Nano Letters</i> , 2015, 15, 1679-1683.	9.1	9
144	A Novel Method for Continuous Synthesis of ZnO Tetrapods. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16366-16373.	3.1	30

#	ARTICLE	IF	CITATIONS
145	Direct and Dry Deposited Single-Walled Carbon Nanotube Films Doped with MoO <sub>x</sub> as Electron-Blocking Transparent Electrodes for Flexible Organic Solar Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 7982-7985.	13.7	150
146	Thermoresponsive Nanoparticles of Self-Assembled Block Copolymers as Potential Carriers for Drug Delivery and Diagnostics. <i>Biomacromolecules</i> , 2015, 16, 2750-2756.	5.4	33
147	Multistage pH-responsive mucoadhesive nanocarriers prepared by aerosol flow reactor technology: A controlled dual protein-drug delivery system. <i>Biomaterials</i> , 2015, 68, 9-20.	11.4	77
148	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
149	Key roles of carbon solubility in single-walled carbon nanotube nucleation and growth. <i>Nanoscale</i> , 2015, 7, 20284-20289.	5.6	27
150	Single walled carbon nanotube network-Tetrahedral amorphous carbon composite film. <i>Journal of Applied Physics</i> , 2015, 117, 225302.	2.5	8
151	Single-Walled Carbon Nanotube Film as Electrode in Indium-Free Planar Heterojunction Perovskite Solar Cells: Investigation of Electron-Blocking Layers and Dopants. <i>Nano Letters</i> , 2015, 15, 6665-6671.	9.1	179
152	Acid-Triggered Colorimetric Hydrophobic Benzyl Alcohols for Soluble Tag-Assisted Liquid-Phase Synthesis. <i>Organic Letters</i> , 2015, 17, 4264-4267.	4.6	25
153	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
154	Activity and stability studies of platinumized multi-walled carbon nanotubes as fuel cell electrocatalysts. <i>Applied Catalysis B: Environmental</i> , 2015, 162, 289-299.	20.2	35
155	Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes. , 2015, , .		0
156	Core level binding energies of functionalized and defective graphene. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 121-132.	2.8	70
157	Carbon Nanotube/Nanofibers and Graphite Hybrids for Li-Ion Battery Application. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-7.	2.7	5
158	Cross-sectional high-resolution microscopy of thin pretreatment layers on hot dip galvanized steel. <i>Surface and Interface Analysis</i> , 2014, 46, 620-624.	1.8	5
159	Strong surface passivation of GaAs nanowires with ultrathin InP and GaP capping layers. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	31
160	Insights into chirality distributions of single-walled carbon nanotubes grown on different Co <sub>x</sub> Mg <sub>1-x</sub> O solid solutions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5883-5889.	10.3	26
161	Injected nanoparticles: The combination of experimental systems to assess cardiovascular adverse effects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 64-72.	4.3	17
162	Enhanced performance of a silicon microfabricated direct methanol fuel cell with PtRu catalysts supported on few-walled carbon nanotubes. <i>Energy</i> , 2014, 65, 612-620.	8.8	36

#	ARTICLE	IF	CITATIONS
163	Influence of different carbon nanostructures on the electrocatalytic activity and stability of Pt supported electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 8215-8224.	7.1	16
164	Interaction of multi-walled carbon nanotubes with perfluorinated sulfonic acid ionomers and surface treatment studies. <i>Carbon</i> , 2014, 71, 218-228.	10.3	31
165	Polypeptide-Based Aerosol Nanoparticles: Self-Assembly and Control of Conformation by Solvent and Thermal Annealing. <i>Biomacromolecules</i> , 2014, 15, 2607-2615.	5.4	11
166	Synthesis and lectin recognition of glycosylated amphiphilic nanoparticles. <i>European Polymer Journal</i> , 2014, 59, 282-289.	5.4	10
167	Coronene Encapsulation in Single-Walled Carbon Nanotubes: Stacked Columns, Peapods, and Nanoribbons. <i>ChemPhysChem</i> , 2014, 15, 1660-1665.	2.1	28
168	Precise Determination of the Threshold Diameter for a Single-Walled Carbon Nanotube To Collapse. <i>ACS Nano</i> , 2014, 8, 9657-9663.	14.6	43
169	Hybrid carbon source for single-walled carbon nanotube synthesis by aerosol CVD method. <i>Carbon</i> , 2014, 78, 130-136.	10.3	58
170	Single-walled carbon nanotubes as a template for coronene stack formation. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 2372-2377.	1.5	15
171	Adsorption Behavior of Perfluorinated Sulfonic Acid Ionomer on Highly Graphitized Carbon Nanofibers and Their Thermal Stabilities. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10814-10823.	3.1	39
172	Optical properties of single-walled carbon nanotubes filled with CuCl by gas-phase technique. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 2466-2470.	1.5	36
173	Nitrogen-doped graphene with enhanced oxygen reduction activity produced by pyrolysis of graphene functionalized with imidazole derivatives. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 12749-12756.	7.1	24
174	Aerosol feeding of catalyst precursor for CNT synthesis and highly conductive and transparent film fabrication. <i>Chemical Engineering Journal</i> , 2014, 255, 134-140.	12.7	57
175	In Situ Study of Noncatalytic Metal Oxide Nanowire Growth. <i>Nano Letters</i> , 2014, 14, 5810-5813.	9.1	63
176	Air-stable high-efficiency solar cells with dry-transferred single-walled carbon nanotube films. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11311-11318.	10.3	66
177	High oxygen reduction activity of few-walled carbon nanotubes with low nitrogen content. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 233-241.	20.2	62
178	Highly efficient cathode catalyst layer based on nitrogen-doped carbon nanotubes for the alkaline direct methanol fuel cell. <i>Applied Catalysis B: Environmental</i> , 2014, 156-157, 341-349.	20.2	30
179	Aluminum-Induced Photoluminescence Red Shifts in Core-Shell GaAs/Al <sub>x</sub> Ga <sub>1-x</sub> As Nanowires. <i>Nano Letters</i> , 2013, 13, 3581-3588.	9.1	23
180	Mouldable all-carbon integrated circuits. <i>Nature Communications</i> , 2013, 4, 2302.	12.8	141

#	ARTICLE	IF	CITATIONS
181	Improvement of the mechanical properties of single-walled carbon nanotube networks by carbon plasma coatings. <i>Carbon</i> , 2013, 53, 50-61.	10.3	10
182	Growth of single-walled carbon nanotubes with large chiral angles on rhodium nanoparticles. <i>Nanoscale</i> , 2013, 5, 10200.	5.6	8
183	Reinforcing randomly oriented transparent freestanding single-walled carbon nanotube films. <i>Carbon</i> , 2013, 62, 513-516.	10.3	4
184	Highly catalytic carbon nanotube counter electrode on plastic for dye solar cells utilizing cobalt-based redox mediator. <i>Electrochimica Acta</i> , 2013, 111, 206-209.	5.2	21
185	Single-walled carbon nanotube networks for ethanol vapor sensing applications. <i>Nano Research</i> , 2013, 6, 77-86.	10.4	36
186	Durability of carbon nanofiber (CNF) & carbon nanotube (CNT) as catalyst support for Proton Exchange Membrane Fuel Cells. <i>Solid State Ionics</i> , 2013, 231, 94-101.	2.7	111
187	Gas-phase synthesis of solid state DNA nanoparticles stabilized by L-leucine. <i>International Journal of Pharmaceutics</i> , 2013, 444, 155-161.	5.2	4
188	Synergistic effects in FeCu bimetallic catalyst for low temperature growth of single-walled carbon nanotubes. <i>Carbon</i> , 2013, 52, 590-594.	10.3	30
189	A novel approach to composite preparation by direct synthesis of carbon nanomaterial on matrix or filler particles. <i>Acta Materialia</i> , 2013, 61, 1862-1871.	7.9	92
190	Self-assembly of PS-b-P4VP block copolymers of varying architectures in aerosol nanospheres. <i>Soft Matter</i> , 2013, 9, 1492-1499.	2.7	31
191	Chirality-Dependent Reactivity of Individual Single-Walled Carbon Nanotubes. <i>Small</i> , 2013, 9, 1379-1386.	10.0	41
192	Chiral-Selective Growth of Single-Walled Carbon Nanotubes on Lattice-Mismatched Epitaxial Cobalt Nanoparticles. <i>Scientific Reports</i> , 2013, 3, 1460.	3.3	175
193	Coated particle assemblies for the concomitant pulmonary administration of budesonide and salbutamol sulphate. <i>International Journal of Pharmaceutics</i> , 2013, 441, 248-254.	5.2	22
194	Modifying Native Nanocellulose Aerogels with Carbon Nanotubes for Mechanoresponsive Conductivity and Pressure Sensing. <i>Advanced Materials</i> , 2013, 25, 2428-2432.	21.0	246
195	Spatially Resolved Transport Properties of Pristine and Doped Single-Walled Carbon Nanotube Networks. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13324-13330.	3.1	86
196	Optical Properties of Graphene Nanoribbons Encapsulated in Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2013, 7, 6346-6353.	14.6	82
197	Identification of Nitrogen Dopants in Single-Walled Carbon Nanotubes by Scanning Tunneling Microscopy. <i>ACS Nano</i> , 2013, 7, 7219-7226.	14.6	10
198	GaAs nanowires grown on Al-doped ZnO buffer layer. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	8

#	ARTICLE	IF	CITATIONS
199	High-Mobility, Flexible Carbon Nanotube Thin-Film Transistors Fabricated by Transfer and High-Speed Flexographic Printing Techniques. <i>Applied Physics Express</i> , 2013, 6, 085101.	2.4	28
200	Fabrication of high-mobility n-type carbon nanotube thin-film transistors on plastic film. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1612-1615.	0.8	9
201	Optical Study of Nanotube and Coronene Composites. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013, 8, 16-22.	0.5	12
202	Scanning Anode Field Emission Microscopy of Nanocarbons. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013, 8, 114-118.	0.5	12
203	Atomistic Description of Electron Beam Damage in Nitrogen-Doped Graphene and Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2012, 6, 8837-8846.	14.6	119
204	Structure and Dissolution of L-Leucine-Coated Salbutamol Sulphate Aerosol Particles. <i>AAPS PharmSciTech</i> , 2012, 13, 707-712.	3.3	14
205	Growth, dispersion, and electronic devices of nitrogen-doped single-wall carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2416-2419.	1.5	6
206	Direct synthesis of high-quality single-walled carbon nanotubes by the physical nucleation of iron nanoparticles in an atmospheric pressure carbon monoxide flow. <i>Carbon</i> , 2012, 50, 5343-5345.	10.3	6
207	Diameter and chiral angle distribution dependencies on the carbon precursors in surface-grown single-walled carbon nanotubes. <i>Nanoscale</i> , 2012, 4, 7394.	5.6	57
208	Hierarchical Structures of Hydrogen-Bonded Liquid-Crystalline Side-Chain Diblock Copolymers in Nanoparticles. <i>Macromolecules</i> , 2012, 45, 8743-8751.	4.8	17
209	Thermally Sensitive Block Copolymer Particles Prepared via Aerosol Flow Reactor Method: Morphological Characterization and Behavior in Water. <i>Macromolecules</i> , 2012, 45, 8401-8411.	4.8	18
210	Photon-Drag Effect in Single-Walled Carbon Nanotube Films. <i>Nano Letters</i> , 2012, 12, 77-83.	9.1	55
211	Preparation Methods for Multi-Walled Carbon Nanotube Supported Palladium Catalysts. <i>ChemCatChem</i> , 2012, 4, 2055-2061.	3.7	21
212	A Novel Approach For Nanocarbon Composite Preparation. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1454, 279-286.	0.1	6
213	Heteroepitaxial Growth of Single-Walled Carbon Nanotubes from Boron Nitride. <i>Scientific Reports</i> , 2012, 2, 971.	3.3	16
214	The effect of Nafion content in a graphitized carbon nanofiber-based anode for the direct methanol fuel cell. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 19082-19091.	7.1	24
215	Flexible metal-free counter electrode for dye solar cells based on conductive polymer and carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2012, 683, 70-74.	3.8	24
216	Effect of Carbon Nanotube Aqueous Dispersion Quality on Mechanical Properties of Cement Composite. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	2.7	75

#	ARTICLE	IF	CITATIONS
217	High Quality GaAs Nanowires Grown on Glass Substrates. Nano Letters, 2012, 12, 1912-1918.	9.1	70
218	Synthesis of ZnO tetrapods for flexible and transparent UV sensors. Nanotechnology, 2012, 23, 095502.	2.6	40
219	Single-Walled Carbon Nanotube Network Field Effect Transistor as a Humidity Sensor. Journal of Sensors, 2012, 2012, 1-7.	1.1	13
220	Influence of the diameter of single-walled carbon nanotube bundles on the optoelectronic performance of dry-deposited thin films. Beilstein Journal of Nanotechnology, 2012, 3, 692-702.	2.8	19
221	Growth Mechanism of Single-Walled Carbon Nanotubes on Iron-Copper Catalyst and Chirality Studies by Electron Diffraction. Chemistry of Materials, 2012, 24, 1796-1801.	6.7	63
222	Hydrogen-Driven Collapse of C <sub>60</sub> Inside Single-Walled Carbon Nanotubes. Angewandte Chemie - International Edition, 2012, 51, 4435-4439.	13.8	8
223	Preparation of amino acid nanoparticles at varying saturation conditions in an aerosol flow reactor. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	3
224	Effect of carbon nanotube network morphology on thin film transistor performance. Nano Research, 2012, 5, 307-319.	10.4	59
225	Selective chemical functionalization of carbon nanobuds. Carbon, 2012, 50, 4171-4174.	10.3	9
226	Chiral-selective growth of single-walled carbon nanotubes on stainless steel wires. Carbon, 2012, 50, 4294-4297.	10.3	28
227	Growth and surface engineering of vertically-aligned low-wall-number carbon nanotubes. Carbon, 2012, 50, 4750-4754.	10.3	14
228	Durability of different carbon nanomaterial supports with PtRu catalyst in a direct methanol fuel cell. International Journal of Hydrogen Energy, 2012, 37, 3415-3424.	7.1	69
229	Nonlinear optical properties of carbon nanotube hybrids in polymer dispersions. Materials Chemistry and Physics, 2012, 133, 992-997.	4.0	30
230	Performance and early applications of a versatile double aberration-corrected JEOL-2200FS FEG TEM/STEM at Aalto University. Micron, 2012, 43, 545-550.	2.2	13
231	Microscale distribution of Ti-based conversion layer on hot dip galvanized steel. Surface and Coatings Technology, 2012, 206, 4173-4179.	4.8	19
232	Field Emission Properties of Metal Oxide Nanowires. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 35-40.	0.5	16
233	Optoelectronic Performance of Nitrogen-Doped Single-Walled Carbon Nanotube Films. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 68-72.	0.5	2
234	TEM Verification of Optical Diameter Distribution Analysis for Nitrogen-Doped SWCNT Films. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 17-21.	0.5	0

#	ARTICLE	IF	CITATIONS
235	Selective growth of SWNTs on partially reduced monometallic cobalt catalyst. <i>Chemical Communications</i> , 2011, 47, 1219-1221.	4.1	64
236	The Use of NH <sub>3</sub> to Promote the Production of Large-Diameter Single-Walled Carbon Nanotubes with a Narrow ( <i>n,m</i> ) Distribution. <i>Journal of the American Chemical Society</i> , 2011, 133, 1224-1227.	13.7	81
237	Atomic Layer Deposition Preparation of Pd Nanoparticles on a Porous Carbon Support for Alcohol Oxidation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23067-23073.	3.1	80
238	Multifunctional Free-Standing Single-Walled Carbon Nanotube Films. <i>ACS Nano</i> , 2011, 5, 3214-3221.	14.6	300
239	Bulk Synthesis of Large Diameter Semiconducting Single-Walled Carbon Nanotubes by Oxygen-Assisted Floating Catalyst Chemical Vapor Deposition. <i>Journal of the American Chemical Society</i> , 2011, 133, 5232-5235.	13.7	134
240	Nitrogen-Doped Single-Walled Carbon Nanotube Thin Films Exhibiting Anomalous Sheet Resistances. <i>Chemistry of Materials</i> , 2011, 23, 2201-2208.	6.7	43
241	Mechanism of the initial stages of nitrogen-doped single-walled carbon nanotube growth. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 11303.	2.8	15
242	Controlled Synthesis of Single-Walled Carbon Nanotubes in an Aerosol Reactor. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7309-7318.	3.1	40
243	Flexible high-performance carbon nanotube integrated circuits. <i>Nature Nanotechnology</i> , 2011, 6, 156-161.	31.5	652
244	Geometrical analysis of superstructures in YBaCo <sub>4</sub> O <sub>8.5</sub> by electron diffraction. <i>Solid State Ionics</i> , 2011, 204-205, 7-12.	2.7	5
245	Comparison of dye solar cell counter electrodes based on different carbon nanostructures. <i>Thin Solid Films</i> , 2011, 519, 8125-8134.	1.8	23
246	Functional hydrophobin-coating of thermally hydrocarbonized porous silicon microparticles. <i>Biomaterials</i> , 2011, 32, 9089-9099.	11.4	71
247	Synthesis of Graphene Nanoribbons Encapsulated in Single-Walled Carbon Nanotubes. <i>Nano Letters</i> , 2011, 11, 4352-4356.	9.1	174
248	Hydrogenation, Purification, and Unzipping of Carbon Nanotubes by Reaction with Molecular Hydrogen: Road to Graphene Nanoribbons. <i>ACS Nano</i> , 2011, 5, 5132-5140.	14.6	106
249	Intact Nanoparticulate Indomethacin in Fast-Dissolving Carrier Particles by Combined Wet Milling and Aerosol Flow Reactor Methods. <i>Pharmaceutical Research</i> , 2011, 28, 2403-2411.	3.5	41
250	Low temperature growth of SWNTs on a nickel catalyst by thermal chemical vapor deposition. <i>Nano Research</i> , 2011, 4, 334-342.	10.4	50
251	Tailoring the diameter of single-walled carbon nanotubes for optical applications. <i>Nano Research</i> , 2011, 4, 807-815.	10.4	76
252	Selective differential ammonia gas sensor based on N-doped SWCNT films. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2462-2466.	1.5	21

#	ARTICLE	IF	CITATIONS
253	Assembly of Single-Walled Carbon Nanotubes on DNA-Origami Templates through Streptavidin-Biotin Interaction. <i>Small</i> , 2011, 7, 746-750.	10.0	86
254	Growth of single-walled carbon nanotubes with controlled diameters and lengths by an aerosol method. <i>Carbon</i> , 2011, 49, 4636-4643.	10.3	55
255	Imaging conduction pathways in carbon nanotube network transistors by voltage-contrast scanning electron microscopy. <i>Nanotechnology</i> , 2011, 22, 265715.	2.6	10
256	Lithography-free fabrication of carbon nanotube network transistors. <i>Nanotechnology</i> , 2011, 22, 065303.	2.6	21
257	Atomic Layer Deposition of Aluminum Oxide Films for Carbon Nanotube Network Transistor Passivation. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 8818-8825.	0.9	22
258	Predominant (6,5) Single-Walled Carbon Nanotube Growth on a Copper-Promoted Iron Catalyst. <i>Journal of the American Chemical Society</i> , 2010, 132, 13994-13996.	13.7	164
259	Aerosol-Synthesized SWCNT Networks with Tunable Conductivity and Transparency by a Dry Transfer Technique. <i>Nano Letters</i> , 2010, 10, 4349-4355.	9.1	384
260	Synthesis of copolymer-stabilized silver nanoparticles for coating materials. <i>Colloid and Polymer Science</i> , 2010, 288, 543-553.	2.1	33
261	Investigations on particle surface characteristics vs. dispersion behaviour of Hecine coated carrier-free inhalable powders. <i>International Journal of Pharmaceutics</i> , 2010, 385, 79-85.	5.2	53
262	Simple immobilization of pyrroloquinoline quinone on few-walled carbon nanotubes. <i>Electrochemistry Communications</i> , 2010, 12, 1257-1260.	4.7	12
263	Mechanistic investigations of single-walled carbon nanotube synthesis by ferrocene vapor decomposition in carbon monoxide. <i>Carbon</i> , 2010, 48, 380-388.	10.3	78
264	Direct synthesis of carbon nanofibers on the surface of copper powder. <i>Carbon</i> , 2010, 48, 4559-4562.	10.3	30
265	Mechanism study of floating catalyst CVD synthesis of SWCNTs. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 2708-2712.	1.5	8
266	Nitrogen-doped SWCNT synthesis using ammonia and carbon monoxide. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 2726-2729.	1.5	19
267	GaAs Nanowire and Crystallite Growth on Amorphous Substrate from Metalorganic Precursors. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 020213.	1.5	2
268	Direct Synthesis of Carbon Nanofibers on Cement Particles. <i>Transportation Research Record</i> , 2010, 2142, 96-101.	1.9	41
269	Ultrafast and High-Contrast Electrochromism on Bendable Transparent Carbon Nanotube Electrodes. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1367-1371.	4.6	26
270	Single-Walled Carbon Nanotube Thin-Film Counter Electrodes for Indium Tin Oxide-Free Plastic Dye Solar Cells. <i>Journal of the Electrochemical Society</i> , 2010, 157, B1831.	2.9	50



#	ARTICLE	IF	CITATIONS
271	Femtosecond Four-Wave-Mixing Spectroscopy of Suspended Individual Semiconducting Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2010, 4, 6780-6786.	14.6	17
272	In Situ TEM Observation of MgO Nanorod Growth. <i>Crystal Growth and Design</i> , 2010, 10, 414-417.	3.0	30
273	Temperature Dependent Raman Spectra of Carbon Nanobuds. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13540-13545.	3.1	22
274	Ethanol-Promoted Fabrication of Tungsten Oxide Nanobelts with Defined Crystal Orientation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10-14.	3.1	20
275	Analysis of the Size Distribution of Single-Walled Carbon Nanotubes Using Optical Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1143-1148.	4.6	62
276	Selective Covalent Functionalization of Carbon Nanobuds. <i>Chemistry of Materials</i> , 2010, 22, 4347-4349.	6.7	16
277	Simple and rapid synthesis of $\text{Fe}_2\text{O}_3$ nanowires under ambient conditions. <i>Nano Research</i> , 2009, 2, 373-379.	10.4	208
278	CO dissociation and CO+O reactions on a nanosized iron cluster. <i>Nano Research</i> , 2009, 2, 660-670.	10.4	40
279	High quality SWCNT synthesis in the presence of $\text{NH}_3$ using a vertical flow aerosol reactor. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2507-2510.	1.5	14
280	Electronic transport measurements and Raman spectroscopy on carbon nanotube devices. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2853-2856.	1.5	0
281	Aerosolization behavior of carrier-free l-leucine coated salbutamol sulphate powders. <i>International Journal of Pharmaceutics</i> , 2009, 365, 18-25.	5.2	37
282	Electrochemical purification of carbon nanotube electrodes. <i>Electrochemistry Communications</i> , 2009, 11, 1535-1538.	4.7	29
283	Sublimation and vapour pressure estimation of l-leucine using thermogravimetric analysis. <i>Thermochimica Acta</i> , 2009, 482, 17-20.	2.7	18
284	Flexible optically transparent single-walled carbon nanotube electrodes for UV-Vis absorption spectroelectrochemistry. <i>Electrochemistry Communications</i> , 2009, 11, 442-445.	4.7	27
285	CVD synthesis and radial deformations of large diameter single-walled CNTs. <i>Current Applied Physics</i> , 2009, 9, 301-305.	2.4	26
286	CO Disproportionation on a Nanosized Iron Cluster. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12939-12942.	3.1	15
287	Incremental Variation in the Number of Carbon Nanotube Walls with Growth Temperature. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2212-2218.	3.1	22
288	Oxygen Ordering and Mobility in $\text{YBaCo}_4\text{O}_{7+\delta}$ . <i>Journal of the American Chemical Society</i> , 2009, 131, 4880-4883.	13.7	38

#	ARTICLE	IF	CITATIONS
289	Carbon nanotube films for ultrafast broadband technology. <i>Optics Express</i> , 2009, 17, 2358.	3.4	226
290	A novel cement-based hybrid material. <i>New Journal of Physics</i> , 2009, 11, 023013.	2.9	108
291	Synthesis of Carbon Nanotubes and Nanofibers on Silica and Cement Matrix Materials. <i>Journal of Nanomaterials</i> , 2009, 2009, 1-4.	2.7	50
292	Carbon nanotube thin film transistors based on aerosol methods. <i>Nanotechnology</i> , 2009, 20, 085201.	2.6	45
293	A novel method for metal oxide nanowire synthesis. <i>Nanotechnology</i> , 2009, 20, 165603.	2.6	110
294	Mechanistic investigation of ZnO nanowire growth. <i>Applied Physics Letters</i> , 2009, 95, 183114.	3.3	38
295	Integration of single-walled carbon nanotubes into polymer films by thermo-compression. <i>Chemical Engineering Journal</i> , 2008, 136, 409-413.	12.7	43
296	A Novel Gas Phase Method for the Combined Synthesis and Coating of Pharmaceutical Particles. <i>Pharmaceutical Research</i> , 2008, 25, 242-245.	3.5	32
297	Investigations on the Humidity-Induced Transformations of Salbutamol Sulphate Particles Coated with l-Leucine. <i>Pharmaceutical Research</i> , 2008, 25, 2250-2261.	3.5	39
298	Combined synthesis and in-situ coating of nanoparticles in the gas phase. <i>Journal of Nanoparticle Research</i> , 2008, 10, 121-130.	1.9	17
299	The local study of a nanoBud structure. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2047-2050.	1.5	13
300	Novel carbon nanotube network deposition technique for electronic device fabrication. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2272-2275.	1.5	14
301	New apparatus for studying powder deagglomeration. <i>Powder Technology</i> , 2008, 180, 164-171.	4.2	13
302	Gas-phase synthesis of l-leucine-coated micrometer-sized salbutamol sulphate and sodium chloride particles. <i>Powder Technology</i> , 2008, 187, 289-297.	4.2	18
303	Simultaneous synthesis and coating of salbutamol sulphate nanoparticles with l-leucine in the gas phase. <i>International Journal of Pharmaceutics</i> , 2008, 358, 256-262.	5.2	17
304	A one step approach to B-doped single-walled carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2008, 18, 5676.	6.7	68
305	Organic memory using [6,6]-phenyl-C61butyric acid methyl ester: morphology, thickness and concentration dependence studies. <i>Nanotechnology</i> , 2008, 19, 035203.	2.6	39
306	High-yield of memory elements from carbon nanotube field-effect transistors with atomic layer deposited gate dielectric. <i>New Journal of Physics</i> , 2008, 10, 103019.	2.9	21

#	ARTICLE	IF	CITATIONS
307	Synthesis and characterization of copper sulfide nanocrystallites with low sintering temperatures. <i>Journal of Materials Chemistry</i> , 2008, 18, 3200.	6.7	55
308	Effect of Relative Humidity on Oxidation of Flaxseed Oil in Spray Dried Whey Protein Emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5717-5722.	5.2	114
309	Combined Raman Spectroscopy and Transmission Electron Microscopy Studies of a NanoBud Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 7188-7189.	13.7	39
310	Ion-Induced Nucleation of Dibutyl Phthalate Vapors on Spherical and Nonspherical Singly and Multiply Charged Polyethylene Glycol Ions. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1133-1138.	2.5	20
311	Charging of Aerosol Products during Ferrocene Vapor Decomposition in N <sub>2</sub> and CO Atmospheres. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5762-5769.	3.1	24
312	Production of L-Leucine Nanoparticles under Various Conditions Using an Aerosol Flow Reactor Method. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-9.	2.7	4
313	CVD Synthesis of Hierarchical 3D MWCNT/Carbon-Fiber Nanostructures. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-7.	2.7	14
314	CFD-Aerosol Modeling of the Effects of Wall Composition and Inlet Conditions on Carbon Nanotube Catalyst Particle Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3803-3819.	0.9	7
315	ELECTROSPRAYING OF FERRITIN SOLUTIONS FOR THE PRODUCTION OF MONODISPERSE IRON OXIDE NANOPARTICLES. <i>Chemical Engineering Communications</i> , 2007, 194, 901-912.	2.6	10
316	Synthesis of -leucine nanoparticles via physical vapor deposition at varying saturation conditions. <i>Journal of Aerosol Science</i> , 2007, 38, 1172-1184.	3.8	29
317	Controlled Hybrid Nanostructures through Protein-Mediated Noncovalent Functionalization of Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6446-6449.	13.8	67
318	Investigations of NanoBud formation. <i>Chemical Physics Letters</i> , 2007, 446, 109-114.	2.6	107
319	Unambiguous atomic structural determination of single-walled carbon nanotubes by electron diffraction. <i>Carbon</i> , 2007, 45, 662-667.	10.3	86
320	Study of the dispersion behaviour of l-leucine containing microparticles synthesized with an aerosol flow reactor method. <i>Powder Technology</i> , 2007, 177, 125-132.	4.2	22
321	A novel hybrid carbon material. <i>Nature Nanotechnology</i> , 2007, 2, 156-161.	31.5	369
322	Robust Bessel-function-based method for determination of the(n,m)indices of single-walled carbon nanotubes by electron diffraction. <i>Physical Review B</i> , 2006, 74, .	3.2	21
323	Spontaneous Charging of Single-Walled Carbon Nanotubes: A Novel Strategy for the Selective Substrate Deposition of Individual Tubes at Ambient Temperature. <i>Chemistry of Materials</i> , 2006, 18, 5052-5057.	6.7	20
324	Optical Properties of Thermally Responsive Amphiphilic Gold Nanoparticles Protected with Polymers. <i>Langmuir</i> , 2006, 22, 794-801.	3.5	71

#	ARTICLE	IF	CITATIONS
325	Effect of Chlorine and Sulfur on Fine Particle Formation in Pilot-Scale CFBC of Biomass. <i>Energy &amp; Fuels</i> , 2006, 20, 61-68.	5.1	48
326	Response to comment on: "Phenomenological description of mobility of nm- and sub nm-sized charged aerosol particles in electric field". <i>Journal of Aerosol Science</i> , 2006, 37, 115-118.	3.8	0
327	Single-walled carbon nanotube charging during bundling process in the gas phase. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3234-3237.	1.5	8
328	Effect of CO <sub>2</sub> and H <sub>2</sub> O on the synthesis of single-walled CNTs. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3087-3090.	1.5	3
329	Novel catalyst particle production method for CVD growth of single- and double-walled carbon nanotubes. <i>Carbon</i> , 2006, 44, 1604-1608.	10.3	17
330	Spontaneous charging of single-walled carbon nanotubes in the gas phase. <i>Carbon</i> , 2006, 44, 2099-2101.	10.3	6
331	A method of moments based CFD model for polydisperse aerosol flows with strong interphase mass and heat transfer. <i>Computers and Fluids</i> , 2006, 35, 762-780.	2.5	31
332	An essential role of CO <sub>2</sub> and H <sub>2</sub> O during single-walled CNT synthesis from carbon monoxide. <i>Chemical Physics Letters</i> , 2006, 417, 179-184.	2.6	144
333	Single-walled carbon nanotube synthesis using ferrocene and iron pentacarbonyl in a laminar flow reactor. <i>Chemical Engineering Science</i> , 2006, 61, 4393-4402.	3.8	272
334	Carbon nanotube synthesis from alcohols by a novel aerosol method. <i>Journal of Nanoparticle Research</i> , 2006, 8, 465-475.	1.9	55
335	Studies on Mechanism of Single-Walled Carbon Nanotube Formation. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 1233-1246.	0.9	59
336	Corrosion studies with a new laboratory-scale system simulating large-scale diesel engines operating with residual fuels. <i>Fuel Processing Technology</i> , 2005, 86, 353-373.	7.2	6
337	Corrosion studies with a new laboratory-scale system simulating large-scale diesel engines operating with residual fuels. <i>Fuel Processing Technology</i> , 2005, 86, 329-352.	7.2	3
338	On-line detection of single-walled carbon nanotube formation during aerosol synthesis methods. <i>Carbon</i> , 2005, 43, 2066-2074.	10.3	83
339	Correlation between catalyst particle and single-walled carbon nanotube diameters. <i>Carbon</i> , 2005, 43, 2251-2257.	10.3	219
340	A novel aerosol method for single walled carbon nanotube synthesis. <i>Chemical Physics Letters</i> , 2005, 402, 227-232.	2.6	136
341	Microstructure of iron particles reduced from silica-coated hematite in hydrogen. <i>Advanced Powder Technology</i> , 2005, 16, 621-637.	4.1	8
342	Phenomenological description of mobility of nm- and sub-nm-sized charged aerosol particles in electric field. <i>Journal of Aerosol Science</i> , 2005, 36, 1125-1143.	3.8	15

#	ARTICLE	IF	CITATIONS
343	A New Thermophoretic Precipitator for Collection of Nanometer-Sized Aerosol Particles. <i>Aerosol Science and Technology</i> , 2005, 39, 1064-1071.	3.1	59
344	Amphiphilic Gold Nanoparticles Grafted with Poly(N-isopropylacrylamide) and Polystyrene. <i>Macromolecules</i> , 2005, 38, 2918-2926.	4.8	152
345	Comparison of Different Dilution Methods for Measuring Diesel Particle Emissions. <i>Aerosol Science and Technology</i> , 2004, 38, 12-23.	3.1	102
346	Nanoparticles containing ketoprofen and acrylic polymers prepared by an aerosol flow reactor method. <i>AAPS PharmSciTech</i> , 2004, 5, 129-137.	3.3	31
347	Polymeric Drug Nanoparticles Prepared by an Aerosol Flow Reactor Method. <i>Pharmaceutical Research</i> , 2004, 21, 136-143.	3.5	33
348	Influence of the solvent composition on the aerosol synthesis of pharmaceutical polymer nanoparticles. <i>International Journal of Pharmaceutics</i> , 2004, 284, 13-21.	5.2	88
349	Electron Transport in Two-Dimensional Arrays of Gold Nanocrystals Investigated by Scanning Electrochemical Microscopy. <i>Journal of the American Chemical Society</i> , 2004, 126, 7126-7132.	13.7	64
350	The role of metal nanoparticles in the catalytic production of single-walled carbon nanotubes—a review. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S3011-S3035.	1.8	416
351	Carbon nanotubes and onions from carbon monoxide using Ni(acac) <sub>2</sub> and Cu(acac) <sub>2</sub> as catalyst precursors. <i>Carbon</i> , 2003, 41, 2711-2724.	10.3	118
352	Semiempirical dynamic phase diagrams of nanocrystalline products during copper (II) acetylacetonate vapour decomposition. <i>Chemical Physics Letters</i> , 2003, 367, 771-777.	2.6	27
353	Preparation of polymeric nanoparticles containing corticosteroid by a novel aerosol flow reactor method. <i>International Journal of Pharmaceutics</i> , 2003, 263, 69-83.	5.2	62
354	Synthesis of Gold Nanoparticles Grafted with a Thermoresponsive Polymer by Surface-Induced Reversible-Addition-Fragmentation Chain-Transfer Polymerization. <i>Langmuir</i> , 2003, 19, 3499-3504.	3.5	285
355	Preparation of Poly(N-isopropylacrylamide)-Monolayer-Protected Gold Clusters: Synthesis Methods, Core Size, and Thickness of Monolayer. <i>Macromolecules</i> , 2003, 36, 4526-4533.	4.8	170
356	Aerosol flow reactor method for synthesis of drug nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 55, 357-360.	4.3	83
357	Zero-phonon lines in the photoluminescence spectra of MgO:Mn <sup>2+</sup> -nanocrystals. <i>Physical Review B</i> , 2003, 68, .	3.2	17
358	Fly Ash Deposition Onto the Convective Heat Exchangers During Combustion of Willow in a Circulating Fluidized Bed Boiler. , 2002, , 541-553.		1
359	Nanoparticle Synthesis by Copper (II) Acetylacetonate Vapor Decomposition in the Presence of Oxygen. <i>Aerosol Science and Technology</i> , 2002, 36, 899-911.	3.1	27
360	The effect of Mg-based additive on aerosol characteristics in medium-speed diesel engines operating with residual fuel oils. <i>Journal of Aerosol Science</i> , 2002, 33, 967-981.	3.8	26

#	ARTICLE	IF	CITATIONS
361	Electronic Structure and Size of TiO <sub>2</sub> Nanoparticles of Controlled Size Prepared by Aerosol Methods. <i>Monatshefte für Chemie</i> , 2002, 133, 849-857.	1.8	6
362	Effective refractive index of calcium carbonate pigment slurries by a surface-plasmon-resonance sensor. <i>Dyes and Pigments</i> , 2002, 52, 15-21.	3.7	7
363	TEM Imaging of Mass-selected Polymer Molecules. <i>Journal of Nanoparticle Research</i> , 2002, 4, 449-453.	1.9	13
364	Nanoparticle Formation via Copper (II) Acetylacetonate Vapor Decomposition in the Presence of Hydrogen and Water. <i>Journal of Physical Chemistry B</i> , 2001, 105, 11067-11075.	2.6	60
365	Estimation of the wavelength-dependent effective refractive index of spherical plastic pigments in a liquid matrix. <i>Applied Optics</i> , 2001, 40, 5482.	2.1	8
366	Mobility size development and the crystallization path during aerosol decomposition synthesis of TiO <sub>2</sub> particles. <i>Journal of Aerosol Science</i> , 2001, 32, 615-630.	3.8	27
367	Title is missing!. <i>Journal of Nanoparticle Research</i> , 2001, 3, 383-398.	1.9	85
368	Reflectance Study of Pigment Slurries. <i>Applied Spectroscopy</i> , 2000, 54, 878-884.	2.2	10
369	Single-electron transistor made of multiwalled carbon nanotube using scanning probe manipulation. <i>Applied Physics Letters</i> , 1999, 75, 728-730.	3.3	92
370	AEROSOL CHARACTERISATION IN MEDIUM-SPEED DIESEL ENGINES OPERATING WITH HEAVY FUEL OILS. <i>Journal of Aerosol Science</i> , 1999, 30, 771-784.	3.8	95
371	Alkali Salt Ash Formation in Four Finnish Industrial Recovery Boilers. <i>Energy &amp; Fuels</i> , 1999, 13, 778-795.	5.1	28
372	Volatilization of the Heavy Metals during Circulating Fluidized Bed Combustion of Forest Residue. <i>Environmental Science &amp; Technology</i> , 1999, 33, 496-502.	10.0	93
373	STUDIES OF ADHESION OF METAL PARTICLES TO SILICA PARTICLES BASED ON ZETA POTENTIAL MEASUREMENTS. <i>Journal of Dispersion Science and Technology</i> , 1999, 20, 715-722.	2.4	14
374	Magnetization reversal measurements of size-selected iron oxide particles produced via an aerosol route. <i>Applied Organometallic Chemistry</i> , 1998, 12, 315-320.	3.5	8
375	The ash formation during co-combustion of wood and sludge in industrial fluidized bed boilers. <i>Fuel Processing Technology</i> , 1998, 54, 79-94.	7.2	37
376	Ash formation during fluidized-bed incineration of paper mill waste sludge. <i>Journal of Aerosol Science</i> , 1998, 29, 461-480.	3.8	55
377	Fly ash formation and deposition during fluidized bed combustion of willow. <i>Journal of Aerosol Science</i> , 1998, 29, 445-459.	3.8	82
378	Aerosol Synthesis and Characterization of Ultrafine Fullerene Particles. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1998, 6, 599-627.	0.6	3

#	ARTICLE	IF	CITATIONS
379	Thin multilayer CdS/ZnS films grown by SILAR technique. Applied Surface Science, 1997, 120, 58-64.	6.1	42
380	Ash Vaporization in Circulating Fluidized Bed Coal Combustion. Aerosol Science and Technology, 1996, 24, 135-150.	3.1	26
381	Studies on Ash Species Release during the Pyrolysis of Solid Fuels with a Heated Grid Reactor. , 1996, , 265-280.		2
382	Ash Transformations in the Real-Scale Pulverized Coal Combustion of South African and Colombian Coals. , 1996, , 437-449.		0
383	Submicron particle agglomeration by an electrostatic agglomerator. Journal of Electrostatics, 1995, 34, 367-383.	1.9	66
384	Real time size distribution monitoring of power plant particle emissions. Journal of Aerosol Science, 1995, 26, S675-S676.	3.8	3
385	Electrical Agglomeration of Aerosol Particles in an Alternating Electric Field. Aerosol Science and Technology, 1995, 22, 181-189.	3.1	45
386	Kinematic Coagulation of Charged Droplets in an Alternating Electric Field. Aerosol Science and Technology, 1995, 23, 422-430.	3.1	13
387	Generation of nanometer-size fullerene particles via vapor condensation. Chemical Physics Letters, 1994, 218, 304-308.	2.6	68
388	A field study on the trace metal behaviour in atmospheric circulating fluidized-bed coal combustion. Proceedings of the Combustion Institute, 1994, 25, 201-209.	0.3	11
389	Numerical simulation of vapour-aerosol dynamics in combustion processes. Journal of Aerosol Science, 1994, 25, 429-446.	3.8	50
390	16.P.02 The effect of black liquor characteristics on combustion aerosols in industrial recovery boilers. Journal of Aerosol Science, 1994, 25, 215-216.	3.8	0
391	22.O.01 The role of inorganic aerosols in combustion and emission control. Journal of Aerosol Science, 1994, 25, 321-322.	3.8	0
392	20 P 03 Comparison of micron and eve algorithms in the inversion of simulated and experimental impactor data. Journal of Aerosol Science, 1993, 24, S209-S210.	3.8	0
393	24 O 01 HTHP sampling of aerosol particles from pressurised fluidized bed gasification of coal. Journal of Aerosol Science, 1993, 24, S299-S300.	3.8	0
394	34 O 01 Sodium behaviour in coal combustion processes: The importance of homogeneous nucleation mechanism. Journal of Aerosol Science, 1993, 24, S369-S370.	3.8	0
395	46 O 02 Experimental study on the enrichment of trace elements in submicron particles in coal CFBC. Journal of Aerosol Science, 1993, 24, S589-S590.	3.8	0
396	On the Determination of Continuous Submicrometer Liquid Aerosol-Size Distributions with Low Pressure Impactors. Aerosol Science and Technology, 1992, 16, 171-197.	3.1	22

#	ARTICLE	IF	CITATIONS
397	Coagulation in an electrical agglomerator. <i>Journal of Aerosol Science</i> , 1992, 23, 75-78.	3.8	5
398	Aerosol formation in real scale pulverized coal combustion. <i>Journal of Aerosol Science</i> , 1992, 23, 241-244.	3.8	11
399	Electrical agglomeration of fly ash particles. <i>Journal of Aerosol Science</i> , 1992, 23, 783-786.	3.8	1
400	On the determination of electrostatic precipitator efficiency by differential mobility analyzer. <i>Journal of Aerosol Science</i> , 1992, 23, 795-798.	3.8	11
401	On the inversion of submicron aerosol low pressure impactor data with the method based on constrained regularization. <i>Journal of Aerosol Science</i> , 1991, 22, S271.	3.8	0
402	Aerosol formation in coal combustion processes. <i>Journal of Aerosol Science</i> , 1991, 22, S451-S454.	3.8	9
403	Aerosols from circulating fluidized bed coal combustion. <i>Journal of Aerosol Science</i> , 1991, 22, S467-S470.	3.8	2
404	On the Performance of the Berner Low Pressure Impactor. <i>Aerosol Science and Technology</i> , 1991, 14, 33-47.	3.1	244
405	Coal combustion aerosols: a field study. <i>Environmental Science &amp; Technology</i> , 1990, 24, 1811-1818.	10.0	175
406	Mass and trace element size distributions of aerosols emitted by a hospital refuse incinerator. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 423-429.	1.3	31
407	Aerosol behavior in coal combustion processes. <i>Journal of Aerosol Science</i> , 1990, 21, S741-S744.	3.8	3
408	Modification of the University of Washington Mark 5 in-stack impactor. <i>Journal of Aerosol Science</i> , 1989, 20, 813-827.	3.8	27
409	A static particle size selective bioaerosol sampler for the ambient atmosphere. <i>Journal of Aerosol Science</i> , 1989, 20, 829-838.	3.8	20
410	The particle size characterization of combustion aerosols. <i>Journal of Aerosol Science</i> , 1989, 20, 1369-1372.	3.8	3
411	Theoretical and experimental study of particle collection characteristics of high-velocity multijet cascade impactors. <i>Journal of Aerosol Science</i> , 1986, 17, 506-510.	3.8	18
412	Development of the volatile metal aerosol sampler based on vaporization/condensation. <i>Journal of Aerosol Science</i> , 1986, 17, 516-519.	3.8	4
413	Field evaluation of a high-volume industrial aerosol filter. <i>Journal of Aerosol Science</i> , 1986, 17, 571-574.	3.8	0
414	Mass and metal size distributions of municipal waste combustion aerosols. <i>Journal of Aerosol Science</i> , 1986, 17, 597-601.	3.8	5



#	ARTICLE	IF	CITATIONS
415	Ash Particle Formation and Metal Behaviour During, Biomass Combustion in Fluidized Bed Boiler. Ceramic Transactions, 0, , 347-354.	0.1	0