

Shohei Chiashi

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.

144
papers

4,995
citations

35
h-index

67
g-index

157
ext. papers

5,504
ext. citations

6.1
avg, IF

5.33
L-index

#	Paper	IF	Citations
144	Intertube Excitonic Coupling in Nanotube Van der Waals Heterostructures (Adv. Funct. Mater. 11/2022). <i>Advanced Functional Materials</i> , 2022 , 32, 2270069	15.6	0
143	Suspended Carbon Nanotubes for Quantum Hybrid Electronics. <i>Quantum Science and Technology</i> , 2022 , 99-122	1.2	
142	One-Dimensional van der Waals Heterojunction Diode. <i>ACS Nano</i> , 2021 , 15, 5600-5609	16.7	15
141	Photoluminescence from Single-Walled MoS Nanotubes Coaxially Grown on Boron Nitride Nanotubes. <i>ACS Nano</i> , 2021 , 15, 8418-8426	16.7	14
140	Indirect-to-direct band gap crossover of single walled MoS ₂ nanotubes. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, 065002	1.4	0
139	Thermal properties of single-walled carbon nanotube forests with various volume fractions. <i>International Journal of Heat and Mass Transfer</i> , 2021 , 171, 121076	4.9	2
138	Temperature dependence of photoluminescence spectra from a suspended single-walled carbon nanotube with water adsorption layer. <i>Journal of Applied Physics</i> , 2021 , 129, 014301	2.5	0
137	Heat diffusion-related damping process in a highly precise coarse-grained model for nonlinear motion of SWCNT. <i>Scientific Reports</i> , 2021 , 11, 563	4.9	
136	Zeolite-supported synthesis, solution dispersion, and optical characterizations of single-walled carbon nanotubes wrapped by boron nitride nanotubes. <i>Journal of Applied Physics</i> , 2021 , 129, 015101	2.5	1
135	Phenomenological model of thermal transport in carbon nanotube and hetero-nanotube films. <i>Nanotechnology</i> , 2021 , 32, 205708	3.4	2
134	Tailoring the surface morphology of carbon nanotube forests by plasma etching: A parametric study. <i>Carbon</i> , 2021 , 180, 204-214	10.4	2
133	One-dimensional van der Waals heterostructures: Growth mechanism and handedness correlation revealed by nondestructive TEM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	13
132	Ultrafast optical modulation of Dirac electrons in gated single-layer graphene. <i>Physical Review B</i> , 2020 , 101,	3.3	4
131	One-dimensional van der Waals heterostructures. <i>Science</i> , 2020 , 367, 537-542	33.3	119
130	Polyaromatic Nanotweezers on Semiconducting Carbon Nanotubes for the Growth and Interfacing of Lead Halide Perovskite Crystal Grains in Solar Cells. <i>Chemistry of Materials</i> , 2020 , 32, 5125-5133	9.6	29
129	Ultrafast saturable absorption of large-diameter single-walled carbon nanotubes for passive mode locking in the mid-infrared. <i>Optics Express</i> , 2020 , 28, 19997-20006	3.3	7
128	Energetics and electronic structures of single walled carbon nanotubes encapsulated in boron nitride nanotubes. <i>Applied Physics Express</i> , 2020 , 13, 015004	2.4	4

127	Dry Drawability of Few-Walled Carbon Nanotubes Grown by Alcohol Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17331-17339	3.8	1
126	Ultrafast Optoelectronic Processes in 1D Radial van der Waals Heterostructures: Carbon, Boron Nitride, and MoS Nanotubes with Coexisting Excitons and Highly Mobile Charges. <i>Nano Letters</i> , 2020 , 20, 3560-3567	11.5	21
125	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	16.7	25
124	Non-catalytic heteroepitaxial growth of aligned, large-sized hexagonal boron nitride single-crystals on graphite. <i>Nanoscale</i> , 2020 , 12, 10399-10406	7.7	7
123	Enhanced photo-sensitivity in a Si photodetector using a near-field assisted excitation. <i>Communications Physics</i> , 2019 , 2,	5.4	10
122	Regrowth and catalytic etching of individual single-walled carbon nanotubes studied by isotope labeling and growth interruption. <i>Carbon</i> , 2019 , 155, 635-642	10.4	4
121	Confinement Effect of Sub-nanometer Difference on Melting Point of Ice-Nanotubes Measured by Photoluminescence Spectroscopy. <i>ACS Nano</i> , 2019 , 13, 1177-1182	16.7	9
120	Efficient growth of vertically-aligned single-walled carbon nanotubes combining two unfavorable synthesis conditions. <i>Carbon</i> , 2019 , 146, 413-419	10.4	9
119	Experimental assignment of phonon symmetry of G ⁺ and G [↓] peaks from single-walled carbon nanotubes. <i>Applied Physics Express</i> , 2019 , 12, 055009	2.4	1
118	Atomic-scale structural identification and evolution of Co-W-C ternary SWCNT catalytic nanoparticles: High-resolution STEM imaging on SiO ₂ . <i>Science Advances</i> , 2019 , 5, eaat9459	14.3	37
117	Molecular Dynamics of Chirality Definable Growth of Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2019 , 13, 6506-6512	16.7	6
116	Growth of single-walled carbon nanotubes by alcohol chemical vapor deposition with water vapor addition: Narrowing the diameter and chiral angle distributions. <i>Diamond and Related Materials</i> , 2019 , 96, 160-166	3.5	2
115	In situ observation of dewetting-induced deformation of vertically aligned single-walled carbon nanotubes. <i>Diamond and Related Materials</i> , 2019 , 95, 115-120	3.5	1
114	Semiconducting carbon nanotubes as crystal growth templates and grain bridges in perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 12987-12992	13	44
113	Self-starting mode-locked Cr:ZnS laser using single-walled carbon nanotubes with resonant absorption at 2.4 μ m. <i>Optics Letters</i> , 2019 , 44, 1750-1753	3	10
112	Raman Spectroscopy for Practical Characterization of Single-Wall Carbon Nanotubes in Various Environments. <i>World Scientific Series on Carbon Nanoscience</i> , 2019 , 49-73	0.5	1
111	Temperature Distribution and Thermal Conductivity Measurements of Chirality-Assigned Single-Walled Carbon Nanotubes by Photoluminescence Imaging Spectroscopy. <i>ACS Omega</i> , 2018 , 3, 4352-4356	3.9	8
110	Digital Isotope Coding to Trace the Growth Process of Individual Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2018 , 12, 3994-4001	16.7	11

109	Growth Analysis of Single-Walled Carbon Nanotubes Based on Interatomic Potentials by Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 9648-9653	3.8	2
108	Fabrication, characterization, and high temperature surface enhanced Raman spectroscopic performance of SiO coated silver particles. <i>Nanoscale</i> , 2018 , 10, 5449-5456	7.7	11
107	Carrier polarity engineering in carbon nanotube field-effect transistors by induced charges in polymer insulator. <i>Applied Physics Letters</i> , 2018 , 112, 013501	3.4	8
106	Macroscale tribological properties of fluorinated graphene. <i>Applied Surface Science</i> , 2018 , 432, 190-195	6.7	22
105	A Comparison Between Reduced and Intentionally Oxidized Metal Catalysts for Growth of Single-Walled Carbon Nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1800187	1.3	4
104	Measurement of in-plane sheet thermal conductance of single-walled carbon nanotube thin films by steady-state infrared thermography. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 075101	1.4	9
103	Non-doped and unsorted single-walled carbon nanotubes as carrier-selective, transparent, and conductive electrode for perovskite solar cells. <i>MRS Communications</i> , 2018 , 8, 1058-1063	2.7	10
102	Enhanced Raman scattering of graphene using double resonance in silicon photonic crystal nanocavities. <i>Applied Physics Letters</i> , 2018 , 113, 081101	3.4	1
101	Fabrication of uniform vertically-aligned carbon nanotube/polymer composite thin films by capillary flow intrusion. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 115101	1.4	3
100	Quantitative study of bundle size effect on thermal conductivity of single-walled carbon nanotubes. <i>Applied Physics Letters</i> , 2018 , 112, 191904	3.4	24
99	Extended alcohol catalytic chemical vapor deposition for efficient growth of single-walled carbon nanotubes thinner than (6,5). <i>Carbon</i> , 2017 , 119, 502-510	10.4	30
98	Morphology dependence of the thermal transport properties of single-walled carbon nanotube thin films. <i>Nanotechnology</i> , 2017 , 28, 185701	3.4	5
97	Plasmon-Induced Selective Oxidation Reaction at Single-Walled Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38992-38998	9.5	4
96	Water-assisted self-sustained burning of metallic single-walled carbon nanotubes for scalable transistor fabrication. <i>Nano Research</i> , 2017 , 10, 3248-3260	10	12
95	On-Chip Sorting of Long Semiconducting Carbon Nanotubes for Multiple Transistors along an Identical Array. <i>ACS Nano</i> , 2017 , 11, 11497-11504	16.7	12
94	Field emission and anode etching during formation of length-controlled nanogaps in electrical breakdown of horizontally aligned single-walled carbon nanotubes. <i>Nanoscale</i> , 2016 , 8, 16363-16370	7.7	13
93	Load dependent frictional response of vertically aligned single-walled carbon nanotube films. <i>Scripta Materialia</i> , 2016 , 125, 63-67	5.6	4
92	Room temperature-processed inverted organic solar cells using high working-pressure-sputtered ZnO films. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18763-18768	13	12

91	Electronic structure characterization of an individual single-walled carbon nanotube by in situ electrochemical surface-enhanced Raman scattering spectroscopy. <i>Nanoscale</i> , 2016 , 8, 19093-19098	7.7	6
90	Chemical vapor deposition growth of large single-crystal bernal-stacked bilayer graphene from ethanol. <i>Carbon</i> , 2016 , 107, 852-856	10.4	24
89	Synthesis of subnanometer-diameter vertically aligned single-walled carbon nanotubes with copper-anchored cobalt catalysts. <i>Nanoscale</i> , 2016 , 8, 1608-17	7.7	49
88	Chirality specific and spatially uniform synthesis of single-walled carbon nanotubes from a sputtered Co-W bimetallic catalyst. <i>Nanoscale</i> , 2016 , 8, 14523-9	7.7	46
87	Chemical vapor deposition growth of 5 mm hexagonal single-crystal graphene from ethanol. <i>Carbon</i> , 2015 , 94, 810-815	10.4	68
86	Gold deposition effects on photoluminescence and Raman scattering spectra of suspended single-walled carbon nanotubes. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 055102	1.4	2
85	Highly Stable and Tunable n-Type Graphene Field-Effect Transistors with Poly(vinyl alcohol) Films. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9702-8	9.5	21
84	Structured Single-Walled Carbon Nanotubes and Graphene for Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3107-10	1.3	2
83	Chirality analysis of horizontally aligned single-walled carbon nanotubes: decoupling populations and lengths. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15119-15123	13	14
82	Adsorption effects on radial breathing mode of single-walled carbon nanotubes. <i>Physical Review B</i> , 2015 , 91,	3.3	26
81	Thermally induced nonlinear vibration of single-walled carbon nanotubes. <i>Physical Review B</i> , 2015 , 92,	3.3	11
80	Water Encapsulation Control in Individual Single-Walled Carbon Nanotubes by Laser Irradiation. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 408-12	6.4	25
79	Equilibrium chemical vapor deposition growth of Bernal-stacked bilayer graphene. <i>ACS Nano</i> , 2014 , 8, 11631-8	16.7	55
78	Selective removal of metallic single-walled carbon nanotubes in full length by organic film-assisted electrical breakdown. <i>Nanoscale</i> , 2014 , 6, 8831-5	7.7	27
77	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	13	59
76	Investigation of non-segregation graphene growth on Ni via isotope-labeled alcohol catalytic chemical vapor deposition. <i>Nanoscale</i> , 2013 , 5, 6530-7	7.7	16
75	Anomalous Thermal Conduction Characteristics of Phase Change Composites with Single-Walled Carbon Nanotube Inclusions. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 15409-15413	3.8	65
74	Self-Assembled Microhoneycomb Network of Single-Walled Carbon Nanotubes for Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2571-2576	6.4	46

73	Reversible diameter modulation of single-walled carbon nanotubes by acetonitrile-containing feedstock. <i>ACS Nano</i> , 2013 , 7, 2205-11	16.7	28
72	Carbon atoms in ethanol do not contribute equally to formation of single-walled carbon nanotubes. <i>ACS Nano</i> , 2013 , 7, 3095-103	16.7	39
71	Effect of Gas Pressure on the Density of Horizontally Aligned Single-Walled Carbon Nanotubes Grown on Quartz Substrates. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 11804-11810	3.8	23
70	Self-Limiting Chemical Vapor Deposition Growth of Monolayer Graphene from Ethanol. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10755-10763	3.8	79
69	Direct physical exfoliation of few-layer graphene from graphite grown on a nickel foil using polydimethylsiloxane with tunable elasticity and adhesion. <i>Nanotechnology</i> , 2013 , 24, 205302	3.4	9
68	Photoluminescence measurements and molecular dynamics simulations of water adsorption on the hydrophobic surface of a carbon nanotube in water vapor. <i>Physical Review Letters</i> , 2013 , 110, 157402	7.4	67
67	Synthesis and Applications of Carbon Nanotubes and Graphene. <i>Journal of the Japan Society for Precision Engineering</i> , 2013 , 79, 297-300	0.1	
66	Reduction of single-walled carbon nanotube diameter to sub-nm via feedstock. <i>Physica Status Solidi (B): Basic Research</i> , 2012 , 249, 2404-2407	1.3	3
65	On the polarization-dependent Raman spectra of aligned carbon nanotubes. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 109, 509-513	2.6	3
64	Diameter modulation of vertically aligned single-walled carbon nanotubes. <i>ACS Nano</i> , 2012 , 6, 7472-9	16.7	48
63	Diameter controlled chemical vapor deposition synthesis of single-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 370-6	1.3	17
62	Deformable transparent all-carbon-nanotube transistors. <i>Applied Physics Letters</i> , 2012 , 100, 063502	3.4	43
61	Simultaneous measurement of photoluminescence and Raman scattering spectra from suspended single-walled carbon nanotubes. <i>Surface and Interface Analysis</i> , 2012 , 44, 686-689	1.5	10
60	Growth of Horizontally Aligned Single-Walled Carbon Nanotubes on the Singular R-Plane (10 $\bar{1}$ 1) of Quartz. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 6805-6808	3.8	10
59	Diameter-controlled and nitrogen-doped vertically aligned single-walled carbon nanotubes. <i>Carbon</i> , 2012 , 50, 2635-2640	10.4	53
58	Generalized model of thermal boundary conductance between SWNT and surrounding supercritical Lennard-Jones fluid [Derivation from molecular dynamics simulations. <i>International Journal of Heat and Mass Transfer</i> , 2012 , 55, 2008-2013	4.9	5
57	Enhanced thermal conductivity of ethylene glycol with single-walled carbon nanotube inclusions. <i>International Journal of Heat and Mass Transfer</i> , 2012 , 55, 3885-3890	4.9	105
56	Enhancement of carbon nanotube photoluminescence by photonic crystal nanocavities. <i>Applied Physics Letters</i> , 2012 , 101, 141124	3.4	50

55	Temperature Dependent Thermal Conductivity Increase of Aqueous Nanofluid with Single Walled Carbon Nanotube Inclusion. <i>Materials Express</i> , 2012 , 2, 213-223	1.3	48
54	2011 ,		2
53	Facile fabrication of all-SWNT field-effect transistors. <i>Nano Research</i> , 2011 , 4, 580-588	10	10
52	Tunable separation of single-walled carbon nanotubes by dual-surfactant density gradient ultracentrifugation. <i>Nano Research</i> , 2011 , 4, 623-634	10	24
51	Field emission of vertically aligned single-walled carbon nanotubes patterned by pressing a microstructured mold. <i>Microelectronic Engineering</i> , 2011 , 88, 2700-2702	2.5	3
50	Simple Fabrication Technique for Field-Effect Transistor Array Using As-Grown Single-Walled Carbon Nanotubes. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 04DN08	1.4	2
49	Decomposition of Ethanol and Dimethyl Ether during Chemical Vapor Deposition Synthesis of Single-Walled Carbon Nanotubes. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 065101	1.4	18
48	Gate-induced blueshift and quenching of photoluminescence in suspended single-walled carbon nanotubes. <i>Physical Review B</i> , 2011 , 84,	3.3	35
47	Isotope-induced elastic scattering of optical phonons in individual suspended single-walled carbon nanotubes. <i>Applied Physics Letters</i> , 2011 , 99, 093104	3.4	4
46	Simple Fabrication Technique for Field-Effect Transistor Array Using As-Grown Single-Walled Carbon Nanotubes. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 04DN08	1.4	2
45	Decomposition of Ethanol and Dimethyl Ether during Chemical Vapor Deposition Synthesis of Single-Walled Carbon Nanotubes. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 065101	1.4	15
44	Effects of atomic-scale surface morphology on carbon nanotube alignment on thermally oxidized silicon surface. <i>Applied Physics Letters</i> , 2010 , 96, 103102	3.4	2
43	Patterned Growth of High-Quality Single-Walled Carbon Nanotubes from Dip-Coated Catalyst. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 02BA03	1.4	7
42	Investigation of catalytic properties of Al ₂ O ₃ particles in the growth of single-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 4068-73	1.3	12
41	Exciton diffusion in air-suspended single-walled carbon nanotubes. <i>Physical Review Letters</i> , 2010 , 104, 247402	7.4	84
40	Transfer and alignment of random single-walled carbon nanotube films by contact printing. <i>ACS Nano</i> , 2010 , 4, 933-8	16.7	35
39	Estimating the Raman cross sections of single carbon nanotubes. <i>ACS Nano</i> , 2010 , 4, 3466-70	16.7	30
38	Brightening of triplet dark excitons by atomic hydrogen adsorption in single-walled carbon nanotubes observed by photoluminescence spectroscopy. <i>Physical Review Letters</i> , 2010 , 105, 157403	7.4	42

37	Vertical Sheet Array of Carbon Nanotubes Grown on Sapphire Substrates Using Atomic Step Distribution. <i>Applied Physics Express</i> , 2010 , 3, 065101	2.4	1
36	The growth of single-walled carbon nanotubes on a silica substrate without using a metal catalyst. <i>Carbon</i> , 2010 , 48, 114-122	10.4	45
35	MNM-4A-2 Diameter controlled CVD synthesis of single-walled carbon nanotubes. <i>The Proceedings of the Symposium on Micro-Nano Science and Technology</i> , 2010 , 2010.2, 173-174	0	
34	Suspended single-wall carbon nanotubes: synthesis and optical properties. <i>Reports on Progress in Physics</i> , 2009 , 72, 066502	14.4	26
33	The controlled growth of horizontally aligned single-walled carbon nanotube arrays by a gas flow process. <i>Nanotechnology</i> , 2009 , 20, 345604	3.4	25
32	Effect of Surface Structure of Sapphire A-Face on Directional Carbon Nanotube Growth. <i>E-Journal of Surface Science and Nanotechnology</i> , 2009 , 7, 904-907	0.7	1
31	Manipulation of single-walled carbon nanotubes with a tweezers tip. <i>Nanotechnology</i> , 2008 , 19, 445716	3.4	4
30	Growth of Vertically Aligned Single-Walled Carbon Nanotubes on Alumina and Sapphire Substrates. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 1956-1960	1.4	63
29	Influence of gas adsorption on optical transition energies of single-walled carbon nanotubes. <i>Nano Letters</i> , 2008 , 8, 3097-101	11.5	40
28	Temperature Dependence of Raman Scattering from Single-Walled Carbon Nanotubes: Undefined Radial Breathing Mode Peaks at High Temperatures. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 2010-2015	1.4	49
27	Growth of Single-Walled Carbon Nanotubes from Ceramic Particles by Alcohol Chemical Vapor Deposition. <i>Applied Physics Express</i> , 2008 , 1, 014001	2.4	67
26	High-Tc superconductivity in entirely end-bonded multi-walled carbon nanotubes. <i>Microelectronics Journal</i> , 2008 , 39, 165-170	1.8	1
25	Effect of Ambient Gas on the Catalytic Properties of Au in Single-Walled Carbon Nanotube Growth. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 1966-1970	1.4	5
24	Localized synthesis of single-walled carbon nanotubes on silicon substrates by a laser heating catalytic CVD. <i>Journal of Physics: Conference Series</i> , 2007 , 59, 155-158	0.3	13
23	Direct observation of single-walled carbon nanotube growth processes on SiO ₂ substrate by in situ scanning electron microscopy. <i>Chemical Physics Letters</i> , 2007 , 449, 309-313	2.5	18
22	Superconductivity in entirely end-bonded multi-walled carbon nanotubes. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 111-115	1.3	3
21	Direct Growth of Vertically Aligned Single-Walled Carbon Nanotubes on Metal Tip by Applying Electric Field. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 6087-6090	1.4	3
20	Meissner effect in honeycomb arrays of multiwalled carbon nanotubes. <i>Physical Review B</i> , 2007 , 76,	3.3	16

19	Superconductivity in entirely end-bonded multiwalled carbon nanotubes. <i>Physical Review Letters</i> , 2006 , 96, 057001	7.4	155
18	High-T _c superconductivity in entirely end-bonded multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 3423-3429	1.3	1
17	A simple combinatorial method to discover Co/Mo binary catalysts that grow vertically aligned single-walled carbon nanotubes. <i>Carbon</i> , 2006 , 44, 1414-1419	10.4	81
16	Supported Ni catalysts from nominal monolayer grow single-walled carbon nanotubes. <i>Chemical Physics Letters</i> , 2006 , 428, 381-385	2.5	18
15	Polarization dependence of resonant Raman scattering from vertically aligned single-walled carbon nanotube films. <i>Physical Review B</i> , 2005 , 71,	3.3	30
14	Direct Synthesis of Single-Walled Carbon Nanotubes on Silicon and Quartz-Based Systems. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 1221-1226	1.4	26
13	Growth of vertically aligned single-walled carbon nanotube films on quartz substrates and their optical anisotropy. <i>Chemical Physics Letters</i> , 2004 , 385, 298-303	2.5	474
12	Growth of single-walled carbon nanotubes from size-selected catalytic metal particles. <i>Applied Physics A: Materials Science and Processing</i> , 2004 , 79, 787-790	2.6	18
11	Cold wall CVD generation of single-walled carbon nanotubes and in situ Raman scattering measurements of the growth stage. <i>Chemical Physics Letters</i> , 2004 , 386, 89-94	2.5	77
10	Fluorescence spectroscopy of single-walled carbon nanotubes synthesized from alcohol. <i>Chemical Physics Letters</i> , 2004 , 387, 198-203	2.5	281
9	Generation of single-walled carbon nanotubes from alcohol and generation mechanism by molecular dynamics simulations. <i>Journal of Nanoscience and Nanotechnology</i> , 2004 , 4, 360-7	1.3	24
8	Low-Temperature Generation of High-Purity Single-Walled Carbon Nanotubes by Alcohol CCVD Technique.. <i>880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen</i> , 2003 , 69, 918-924		2
7	Characterization of single-walled carbon nanotubes catalytically synthesized from alcohol. <i>Chemical Physics Letters</i> , 2003 , 374, 53-58	2.5	158
6	Synthesis of single-walled carbon nanotubes with narrow diameter-distribution from fullerene. <i>Chemical Physics Letters</i> , 2003 , 375, 553-559	2.5	31
5	Direct synthesis of high-quality single-walled carbon nanotubes on silicon and quartz substrates. <i>Chemical Physics Letters</i> , 2003 , 377, 49-54	2.5	183
4	Optical characterization of single-walled carbon nanotubes synthesized by catalytic decomposition of alcohol. <i>New Journal of Physics</i> , 2003 , 5, 149-149	2.9	53
3	FTICR studies of laser vaporized clusters from Ni/Co- and Ni/Y-loaded graphite samples. <i>Physica B: Condensed Matter</i> , 2002 , 323, 272-274	2.8	4
2	Low-temperature synthesis of high-purity single-walled carbon nanotubes from alcohol. <i>Chemical Physics Letters</i> , 2002 , 360, 229-234	2.5	857

- 1 Intertube Excitonic Coupling in Nanotube Van der Waals Heterostructures. *Advanced Functional Materials*, 2104969

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