

Physics and applications of aligned carbon nanotubes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Sculpting molecular structures from bilayer graphene and other materials. <i>Physical Review B</i> , 2012, 86, .	1.1	12
2	Functional monolayers from carbon nanostructures “fullerenes, carbon nanotubes, and graphene” as novel materials for solar energy conversion. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2628-2639.	9.5	71
3	Field enhancement factor for the floating sphere model of the nanotube array in parallel-plate geometry. , 2012, , .		0
4	Efficient Fabrication of Carbon Nanotube Micro Tip Arrays by Tailoring Cross-Stacked Carbon Nanotube Sheets. <i>Nano Letters</i> , 2012, 12, 2071-2076.	4.5	12
5	Photovoltaic measurements in carbon nanotube - amorphous silicon core/shell nanowire. , 2012, , .		2
7	Optoelectronic Properties of Single-Wall Carbon Nanotubes. <i>Advanced Materials</i> , 2012, 24, 4977-4994.	11.1	138
8	Modulating lateral strain in GaN-based epitaxial layers by patterning sapphire substrates with aligned carbon nanotube films. <i>Nano Research</i> , 2012, 5, 646-653.	5.8	18
9	Horizontally Aligned Carbon Nanotubes on a Quartz Substrate for Chemical and Biological Sensing. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19490-19495.	1.5	44
10	Angular magnetoresistance of stretched carbon nanotube sheets. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	12
11	A novel fabrication of a well distributed and aligned carbon nanotube film electrode for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 16833.	6.7	45
12	Carbon nanotube yarns. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 277-287.	1.2	42
13	Materials made of carbon nanotubes. The carbon nanotube forest. <i>Russian Chemical Reviews</i> , 2013, 82, 538-566.	2.5	39
14	Cilia-Mimetic Hairy Surfaces Based on End-Immobilized Nanocellulose Colloidal Rods. <i>Biomacromolecules</i> , 2013, 14, 2807-2813.	2.6	60
15	Optimizing reaction condition for synthesizing spinnable carbon nanotube arrays by chemical vapor deposition. <i>Journal of Materials Science</i> , 2013, 48, 7749-7756.	1.7	17
16	Microwave absorption property of aligned MWCNT/Fe ₃ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 346, 186-191.	1.0	52
17	Vibrational and electrical investigations of a uniaxially stretched polystyrene/carbon nanotube composite. <i>Vibrational Spectroscopy</i> , 2013, 67, 6-13.	1.2	11
18	A thin film triode type carbon nanotube field emission cathode. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 110, 99-104.	1.1	16
19	A review of fabrication and applications of carbon nanotube film-based flexible electronics. <i>Nanoscale</i> , 2013, 5, 1727.	2.8	1,037

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20	Polarization-dependent optical reflection from vertically aligned multiwalled carbon nanotube arrays. <i>Carbon</i> , 2013, 64, 550-552.	5.4	12
21	Miniature x-ray tubes: current state and future prospects. <i>Journal of Instrumentation</i> , 2013, 8, T03005-T03005.	0.5	7
22	Carbon Nanotube Sponge Array Tandem Composites with Extended Energy Absorption Range. <i>Advanced Materials</i> , 2013, 25, 1185-1191.	11.1	47
23	Plasma nanoscience: from nano-solids in plasmas to nano-plasmas in solids. <i>Advances in Physics</i> , 2013, 62, 113-224.	35.9	486
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27	Towards large scale aligned carbon nanotube composites: an industrial safe-by-design and sustainable approach. <i>Journal of Physics: Conference Series</i> , 2013, 429, 012050.	0.3	12
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41	Field emission properties of aligned CN _x nanotube arrays synthesized by pyrolysis of a ferrocene/acetonitrile aerosol at different temperatures. Physica Status Solidi (B): Basic Research, 2015, 252, 2524-2529.	0.7	9
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