

Analytical applications of carbon nanotubes: a review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Sensors and sensor arrays based on conjugated polymers and carbon nanotubes. <i>Pure and Applied Chemistry</i> , 2002, 74, 1753-1772.	0.9	178
2	The environmental effect on the radial breathing mode of carbon nanotubes. II. Shell model approximation for internally and externally adsorbed fluids. <i>Journal of Chemical Physics</i> , 2006, 125, 184705.	1.2	33
3	Analytical applications of a carbon nanotubes composite modified with copper microparticles as detector in flow systems. <i>Analytica Chimica Acta</i> , 2006, 577, 183-189.	2.6	32
4	The detection of airborne carbon nanotubes in relation to toxicology and workplace safety. <i>Nanotoxicology</i> , 2007, 1, 251-265.	1.6	12
5	Application of Carbon Sorbents for the Concentration and Separation of Metal Ions. <i>Analytical Sciences</i> , 2007, 23, 631-637.	0.8	86
6	Electrochemical sensor for amino acids and albumin based on composites containing carbon nanotubes and copper microparticles. <i>Talanta</i> , 2007, 71, 1282-1287.	2.9	54
7	Electrochemical detection of DNA hybridization based on polypyrrole/ss-DNA/multi-wall carbon nanotubes paste electrode. <i>Talanta</i> , 2007, 72, 1030-1035.	2.9	80
8	Voltammetric behavior of urapidil and its determination at multi-wall carbon nanotube paste electrode. <i>Talanta</i> , 2007, 73, 943-947.	2.9	29
9	Nanomaterial labels in electrochemical immunosensors and immunoassays. <i>Talanta</i> , 2007, 74, 308-317.	2.9	275
10	Surfactant-coated carbon nanotubes as pseudophases in liquid-liquid extraction. <i>Analyst</i> , 2007, 132, 551-559.	1.7	45
11	Amperometric immunosensing using an indium tin oxide electrode modified with multi-walled carbon nanotube and poly(ethylene glycol)-silane copolymer. <i>Chemical Communications</i> , 2007, , 2610-2612.	2.2	57
12	Hollow Polyelectrolyte Multilayer Tubes: Mechanical Properties and Shape Changes. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8547-8553.	1.2	22
13	Food Analysis on Microfluidic Devices Using Ultrasensitive Carbon Nanotubes Detectors. <i>Analytical Chemistry</i> , 2007, 79, 7408-7415.	3.2	120
14	Role of Carbon Nanotubes in Analytical Science. <i>Analytical Chemistry</i> , 2007, 79, 4788-4797.	3.2	268
15	Functional nanostructures from surface chemistry patterning. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 207-225.	1.3	61
16	The Isolation of Basic Proteins by Solid-Phase Extraction with Multiwalled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2007, 13, 9679-9685.	1.7	50
17	Multifunctional Macroarchitectures of Double-Walled Carbon Nanotube Fibers. <i>Advanced Materials</i> , 2007, 19, 1719-1723.	11.1	52
18	Functionalized Metallic Carbon Nanotube Devices for pH Sensing. <i>ChemPhysChem</i> , 2007, 8, 220-223.	1.0	60

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20	Solid-phase extraction-capillary electrophoresis-mass spectrometry for the determination of tetracyclines residues in surface water by using carbon nanotubes as sorbent material. <i>Journal of Chromatography A</i> , 2007, 1175, 127-132.	1.8	96
21	Bienzymatic glucose biosensor based on co-immobilization of peroxidase and glucose oxidase on a carbon nanotubes electrode. <i>Biosensors and Bioelectronics</i> , 2007, 23, 528-535.	5.3	170
22	One dimensional nanostructured materials. <i>Progress in Materials Science</i> , 2007, 52, 699-913.	16.0	567
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