

Fluorescent Carbon Nanoparticles Derived from Candle

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nanosynthesis by candlelight. <i>Nature Nanotechnology</i> , 2007, 2, 599-600.	15.6	36
2	Nano-graphene oxide for cellular imaging and drug delivery. <i>Nano Research</i> , 2008, 1, 203-212.	5.8	3,043
3	Photoluminescent Carbogenic Dots. <i>Chemistry of Materials</i> , 2008, 20, 4539-4541.	3.2	571
4	Facile preparation of low cytotoxicity fluorescent carbon nanocrystals by electrooxidation of graphite. <i>Chemical Communications</i> , 2008, , 5116.	2.2	786
5	Doped Carbon Nanoparticles as a New Platform for Highly Photoluminescent Dots. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18295-18298.	1.5	288
6	Intrinsically Fluorescent Carbon Nanospheres as a Nuclear Targeting Vector: Delivery of Membrane-Impermeable Molecule to Modulate Gene Expression In Vivo. <i>Nano Letters</i> , 2008, 8, 3182-3188.	4.5	196
9	An Aqueous Route to Multicolor Photoluminescent Carbon Dots Using Silica Spheres as Carriers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4598-4601.	7.2	771
10	Synthesis and Characterization of a Photoluminescent Nanoparticle Based on Fullerene-Silica Hybridization. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5296-5299.	7.2	85
11	Influence of buffer composition on the capillary electrophoretic separation of carbon nanoparticles. <i>Journal of Chromatography A</i> , 2009, 1216, 9048-9054.	1.8	45
12	Pyrolytic formation and photoluminescence properties of a new layered carbonaceous material with graphite oxide-mimicking characteristics. <i>Carbon</i> , 2009, 47, 519-526.	5.4	16
13	Fluorescent Carbon Nanoparticles: Synthesis, Characterization, and Bioimaging Application. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18546-18551.	1.5	1,036
14	Nanosized Carbon Particles From Natural Gas Soot. <i>Chemistry of Materials</i> , 2009, 21, 2803-2809.	3.2	643
15	One-step synthesis of fluorescent carbon nanoparticles by laser irradiation. <i>Journal of Materials Chemistry</i> , 2009, 19, 484-488.	6.7	829
16	Electrochemiluminescence of Water-Soluble Carbon Nanocrystals Released Electrochemically from Graphite. <i>Journal of the American Chemical Society</i> , 2009, 131, 4564-4565.	6.6	825
17	One-Pot Synthesis of Fluorescent Carbon Nanoribbons, Nanoparticles, and Graphene by the Exfoliation of Graphite in Ionic Liquids. <i>ACS Nano</i> , 2009, 3, 2367-2375.	7.3	1,093
18	Fluorescent magnetic nanoparticles for imaging and cell manipulation. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , 2009, 223, 81-86.	0.1	2
19	Carbon Dots for Optical Imaging in Vivo. <i>Journal of the American Chemical Society</i> , 2009, 131, 11308-11309.	6.6	1,341
20	Simple Aqueous Solution Route to Luminescent Carbogenic Dots from Carbohydrates. <i>Chemistry of Materials</i> , 2009, 21, 5563-5565.	3.2	770

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21	Microwave synthesis of fluorescent carbon nanoparticles with electrochemiluminescence properties. <i>Chemical Communications</i> , 2009, , 5118.	2.2	1,114
22	Facile synthetic strategy for efficient and multi-color fluorescent BCNO nanocrystals. <i>Chemical Communications</i> , 2009, , 4073.	2.2	77
23	Wet Chemistry Route to Hydrophobic Blue Fluorescent Nanodiamond. <i>Journal of the American Chemical Society</i> , 2009, 131, 4594-4595.	6.6	381
24	Preparation of Carbon Nanoparticles from Candle Soot. <i>Chemistry Letters</i> , 2009, 38, 28-29.	0.7	8
25	Synthesis and manipulation of multifunctional, fluorescent-magnetic nanoparticles for single molecule tracking. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
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29	Electrochemical preparation of colloidal fluorescent graphite. <i>Russian Chemical Bulletin</i> , 2010, 59, 463-465.	0.4	0
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31	Hydrothermally enhanced photoluminescence of carbon nanoparticles. <i>Scripta Materialia</i> , 2010, 62, 883-886.	2.6	43
32	One-Step Hydrothermal Synthesis of Nitrogen-Doped Nanocarbons: Albumine Directing the Carbonization of Glucose. <i>ChemSusChem</i> , 2010, 3, 246-253.	3.6	124
33	A Novel One-Step Approach to Synthesize Fluorescent Carbon Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4411-4414.	1.0	221
34	Parallel factor analysis of EEM of the fluorescence of carbon dots nanoparticles. <i>Journal of Chemometrics</i> , 2010, 24, 655-664.	0.7	14
37	Water-Soluble Fluorescent Carbon Quantum Dots and Photocatalyst Design. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4430-4434.	7.2	2,258
38	Luminescent Carbon Nanodots: Emergent Nanolights. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6726-6744.	7.2	4,109
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42	Blue light emitting graphene-based materials and their use in generating white light. <i>Solid State Communications</i> , 2010, 150, 1774-1777.	0.9	114
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44	Group IV Nanoparticles: Synthesis, Properties, and Biological Applications. <i>Small</i> , 2010, 6, 2080-2098.	5.2	264
45	Graphene oxide as a chemically tunable platform for optical applications. <i>Nature Chemistry</i> , 2010, 2, 1015-1024.	6.6	2,966
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57	Novel fluorescent matrix embedded carbon quantum dots for the production of stable gold and silver hydrosols. <i>Journal of Materials Chemistry</i> , 2011, 21, 17638.	6.7	46
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60	Fabrication and manipulation of fluorescent carbon nanoparticles for biosensing applications. , 2011, , .		3
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68	Graphene oxide as an efficient signal-to-background enhancer for DNA detection with a long range resonance energy transfer strategy. <i>Chemical Communications</i> , 2011, 47, 11718.	2.2	59
69	One-step synthesis of surface passivated carbon nanodots by microwave assisted pyrolysis for enhanced multicolor photoluminescence and bioimaging. <i>Journal of Materials Chemistry</i> , 2011, 21, 13163.	6.7	300
70	White light-emitting devices based on carbon dots's™ electroluminescence. <i>Chemical Communications</i> , 2011, 47, 3502.	2.2	450
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78	Preparation of photoluminescent carbon nitride dots from CCl ₄ and 1,2-ethylenediamine: a heat-treatment-based strategy. <i>Journal of Materials Chemistry</i> , 2011, 21, 11726.	6.7	179
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81	Reverse Stern-Volmer behavior for luminescence quenching in carbon nanoparticles. <i>Canadian Journal of Chemistry</i> , 2011, 89, 104-109.	0.6	37
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91	A Carbon Dots-based Fluorescence Turn-on Method for DNA Determination. <i>Analytical Sciences</i> , 2011, 27, 243-246.	0.8	77
92	Analytical and bioanalytical applications of carbon dots. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1327-1336.	5.8	546
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94	Study on the fluorescence carbon nanoparticles. <i>Materials Letters</i> , 2011, 65, 2371-2373.	1.3	18

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96	Intrinsically fluorescent nitrogen-containing carbon nanoparticles synthesized by a hydrothermal process. <i>Carbon</i> , 2011, 49, 5207-5212.	5.4	156
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138	Layer-by-layer immobilization of carbon dots fluorescent nanomaterials on single optical fiber. <i>Analytica Chimica Acta</i> , 2012, 735, 90-95.	2.6	46
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141	Carbon Dot-Based Inorganic-Organic Nanosystem for Two-Photon Imaging and Biosensing of pH Variation in Living Cells and Tissues. <i>Advanced Materials</i> , 2012, 24, 5844-5848.	11.1	514
143	Amphiphilic Egg-Derived Carbon Dots: Rapid Plasma Fabrication, Pyrolysis Process, and Multicolor Printing Patterns. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9297-9301.	7.2	604
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