

Graphene quantum dots: emergent nanolights for bioimaging and photovoltaic devices

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Determination of Ammonia in Water Based on Chemiluminescence Resonance Energy Transfer between Peroxymonocarbonate and Branched NaYF ₄ :Yb ³⁺ /Er ³⁺ Nanoparticles. <i>Analytical Chemistry</i> , 2012, 84, 8871-8879.	3.2	63
4	Controlled Microwave-Assisted Growth of Silica Nanoparticles under Acid Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6875-6883.	4.0	25
5	Temperature-Dependent Fluorescence in Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25552-25557.	1.5	407
6	Three-dimensional graphene architectures. <i>Nanoscale</i> , 2012, 4, 5549.	2.8	754
7	Photoluminescent bimetallic-3-hydroxypicolinate/graphene oxide nanocomposite. <i>RSC Advances</i> , 2012, 2, 9443.	1.7	13
8	Multicolour fluorescent graphene oxide by cutting carbon nanotubes upon oxidation. <i>CrystEngComm</i> , 2012, 14, 4976.	1.3	11
9	Unusual emission transformation of graphene quantum dots induced by self-assembled aggregation. <i>Chemical Communications</i> , 2012, 48, 7637.	2.2	144
10	Graphene quantum dots: an emerging material for energy-related applications and beyond. <i>Energy and Environmental Science</i> , 2012, 5, 8869.	15.6	790
11	Graphene Quantum Dot as a Green and Facile Sensor for Free Chlorine in Drinking Water. <i>Analytical Chemistry</i> , 2012, 84, 8378-8382.	3.2	370
12	Graphene quantum dots as autophagy-inducing photodynamic agents. <i>Biomaterials</i> , 2012, 33, 7084-7092.	5.7	372
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14	Creating high yield water soluble luminescent graphene quantum dots via exfoliating and disintegrating carbon nanotubes and graphite flakes. <i>Chemical Communications</i> , 2012, 48, 10177.	2.2	383
15	Simple one-step synthesis of highly luminescent carbon dots from orange juice: application as excellent bio-imaging agents. <i>Chemical Communications</i> , 2012, 48, 8835.	2.2	1,477
16	Surface Chemistry Routes to Modulate the Photoluminescence of Graphene Quantum Dots: From Fluorescence Mechanism to Upâ€Conversion Bioimaging Applications. <i>Advanced Functional Materials</i> , 2012, 22, 4732-4740.	7.8	1,019
18	Plant leaf-derived fluorescent carbon dots for sensing, patterning and coding. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4925.	2.7	275
19	Preparation and characterisation of multifunctional magneticâ€fluorescent Fe ₃ O ₄ /carbon dots/silica composites. <i>Micro and Nano Letters</i> , 2013, 8, 302-304.	0.6	8
20	Synthesis of blue light-emitting graphene quantum dots and their application in flexible nonvolatile memory. <i>Organic Electronics</i> , 2013, 14, 1447-1451.	1.4	51
21	Hybrid carbon source for producing nitrogen-doped polymer nanodots: one-pot hydrothermal synthesis, fluorescence enhancement and highly selective detection of Fe(III). <i>Nanoscale</i> , 2013, 5, 8015.	2.8	135

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23	Blue and green luminescence of reduced graphene oxide quantum dots. <i>Carbon</i> , 2013, 63, 537-546.	5.4	66
24	Luminescent graphene quantum dots fabricated by pulsed laser synthesis. <i>Carbon</i> , 2013, 64, 341-350.	5.4	134
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