

Full-Color Light-Emitting Carbon Dots with a Surface-S Mechanism

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Graphene and Carbon Quantum Dot-Based Materials in Photovoltaic Devices: From Synthesis to Applications. <i>Nanomaterials</i> , 2016, 6, 157.	1.9	126
6	Making few-layer graphene photoluminescent by UV ozonation. <i>Optical Materials Express</i> , 2016, 6, 3527.	1.6	7
7	Fluorescence-Converging Carbon Nanodots-Hybridized Silica Nanosphere. <i>Small</i> , 2016, 12, 4702-4706.	5.2	63
8	Toward Efficient Orange Emissive Carbon Nanodots through Conjugated sp^2 -Domain Controlling and Surface Charges Engineering. <i>Advanced Materials</i> , 2016, 28, 3516-3521.	11.1	583
9	Eu^{3+} -doped ionogel-functionalized carbon dot monoliths with bright white photoluminescence. <i>RSC Advances</i> , 2016, 6, 72149-72154.	1.7	8
10	Synthesis of broad photoluminescence carbon nanodots by femtosecond laser ablation in liquid. , 2016, , .		2
11	Carbon dots decorated vertical SnS_2 nanosheets for efficient photocatalytic oxygen evolution. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	20
12	Color-Multiplexing-Based Fluorescent Test Paper: Dosage-Sensitive Visualization of Arsenic(III) with Discernable Scale as Low as 5 ppb. <i>Analytical Chemistry</i> , 2016, 88, 6105-6109.	3.2	145
13	Large-Scale Ultrasonic Fabrication of White Fluorescent Carbon Dots. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5335-5341.	1.8	129
14	Intense multi-state visible absorption and full-color luminescence of nitrogen-doped carbon quantum dots for blue-light-excitable solid-state-lighting. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9027-9035.	2.7	119
15	Nitrogen-doped carbon dots with excitation-independent long-wavelength emission produced by a room-temperature reaction. <i>Chemical Communications</i> , 2016, 52, 11912-11914.	2.2	83
16	Near-infrared emissive lanthanide hybridized carbon quantum dots for bioimaging applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6366-6372.	2.9	92
17	Carbon Dots/ $NiCo_2O_4$ Nanocomposites with Various Morphologies for High Performance Supercapacitors. <i>Small</i> , 2016, 12, 5927-5934.	5.2	190
18	Carbon dots as inhibitors of virus by activation of type I interferon response. <i>Carbon</i> , 2016, 110, 278-285.	5.4	121
19	Heteroatom-doped carbon dots: synthesis, characterization, properties, photoluminescence mechanism and biological applications. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7204-7219.	2.9	396
20	Microwave-assisted hydrothermal synthesis of UV-emitting carbon dots from tannic acid. <i>New Journal of Chemistry</i> , 2016, 40, 8110-8117.	1.4	40
21	Free-Radical-Assisted Rapid Synthesis of Graphene Quantum Dots and Their Oxidizability Studies. <i>Langmuir</i> , 2016, 32, 8641-8649.	1.6	37
22	Green Synthesis of Red-Emitting Carbon Nanodots as a Novel "Turn-On" Nanothermometer in Living Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 14475-14479.	1.7	88

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24	Yellow emitting carbon dots with superior colloidal, thermal, and photochemical stabilities. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9798-9803.	2.7	50
25	Shining carbon dots: Synthesis and biomedical and optoelectronic applications. <i>Nano Today</i> , 2016, 11, 565-586.	6.2	563
26	Electrostatic fabrication of RGO-g-SSS/CdTe graphene/quantum dot nanocomposites with enhanced optoelectronic properties. <i>RSC Advances</i> , 2016, 6, 65443-65449.	1.7	5
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29	Autofluorescent gelatin nanoparticles as imaging probes to monitor matrix metalloproteinase metabolism of cancer cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2854-2860.	2.1	25
30	Synthesis of Self-Assembled Spermidine-Carbon Quantum Dots Effective against Multidrug-Resistant Bacteria. <i>Advanced Healthcare Materials</i> , 2016, 5, 2545-2554.	3.9	151
31	Direct demonstration of photoluminescence originated from surface functional groups in carbon nanodots. <i>Carbon</i> , 2016, 108, 268-273.	5.4	64
32	Hydrothermal Synthesis of Photoluminescent Nanocarbon from Hydroxylic Acids and Amines. <i>Journal of Solution Chemistry</i> , 2016, 45, 1560-1570.	0.6	3
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604	Rapid preparation of homogeneous carbon dots with yellow fluorescence and formation mechanistic investigation. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	5
605	Preparation of Multicolor Photoluminescent Carbon Dots by Tuning Surface States. <i>Nanomaterials</i> , 2019, 9, 529.	1.9	70
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