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## Photoluminescent Carbogenic Dots

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542	Impacts of Carbon Dots on Rice Plants: Boosting the Growth and Improving the Disease Resistance.		
541	Recoil Effect and Photoemission Splitting of Trions in Monolayer MoS <sub>2</sub> .		
540	Artifacts and Errors Associated with the Ubiquitous Presence of Fluorescent Impurities in Carbon Nanodots.		
539	Doped Carbon Nanoparticles as a New Platform for Highly Photoluminescent Dots. <b>2008</b> , 112, 18295-18298		261
538	Pyrolytic formation and photoluminescence properties of a new layered carbonaceous material with graphite oxide-mimicking characteristics. <i>Carbon</i> , <b>2009</b> , 47, 519-526	10.4	15
537	Fluorescent Carbon Nanoparticles: Synthesis, Characterization, and Bioimaging Application. <b>2009</b> , 113, 18546-18551		935
536	Electrochemiluminescence of water-soluble carbon nanocrystals released electrochemically from graphite. <b>2009</b> , 131, 4564-5		702
535	Simple Aqueous Solution Route to Luminescent Carbogenic Dots from Carbohydrates. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 5563-5565	9.6	668
534	Microwave synthesis of fluorescent carbon nanoparticles with electrochemiluminescence properties. <b>2009</b> , 5118-20		952
533	Photoinduced electron transfers with carbon dots. <b>2009</b> , 3774-6		606
532	Wet chemistry route to hydrophobic blue fluorescent nanodiamond. <b>2009</b> , 131, 4594-5		350
531	Preparation and tunable photoluminescence of carbogenic nanoparticles confined in a microporous magnesium-aluminophosphate. <b>2010</b> , 49, 5859-67		42
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356	Facile preparation of gadolinium(iii) chelates functionalized carbon quantum dot-based contrast agent for magnetic resonance/fluorescence multimodal imaging. <b>2014</b> , 2, 5541-5549		38
355	Facile synthesis of hydrophilic multi-colour and upconversion photoluminescent mesoporous carbon nanoparticles for bioapplications. <b>2014</b> , 50, 15772-5		22
354	Photoluminescent carbon soot particles derived from controlled combustion of camphor for superhydrophobic applications. <i>RSC Advances</i> , <b>2014</b> , 4, 11331	3-7	85
353	Size controlled synthesis of carbon quantum dots using hydride reducing agents. <b>2014</b> , 2, 6025-6031		39
352	Solution reduction synthesis of amine terminated carbon quantum dots. <i>RSC Advances</i> , <b>2014</b> , 4, 12094-12097	3-7	17
351	Low-cost synthesis of carbon nanodots from natural products used as a fluorescent probe for the detection of ferrum(III) ions in lake water. <b>2014</b> , 6, 2086		93
350	Separation of carbon quantum dots on a C18 column by binary gradient elution via HPLC. <b>2014</b> , 6, 8124-8128		18
349	Hydrothermal conversion of one-photon-fluorescent poly(4-vinylpyridine) into two-photon-fluorescent carbon nanodots. <b>2014</b> , 30, 11746-52		24
348	Photophysical Properties of Doped Carbon Dots (N, P, and B) and Their Influence on Electron/Hole Transfer in Carbon Dots-Nickel (II) Phthalocyanine Conjugates. <b>2014</b> , 118, 20034-20041		215
347	Carbon quantum dots: synthesis, properties and applications. <b>2014</b> , 2, 6921		1396
346	Better understanding of carbon nanoparticles via high-performance liquid chromatography-fluorescence detection and mass spectrometry. <b>2014</b> , 35, 2454-62		31

345	Probing enzyme location in water-in-oil microemulsion using enzyme-carbon dot conjugates. <b>2014</b> , 30, 2448-59		22
344	Facile synthesis of analogous graphene quantum dots with sp <sup>2</sup> hybridized carbon atom dominant structures and their photovoltaic application. <b>2014</b> , 6, 13043-52		66
343	Three dimensional carbogenic dots/TiO <sub>2</sub> nanoheterojunctions with enhanced visible light-driven photocatalytic activity. <i>Carbon</i> , <b>2014</b> , 79, 369-379	10.4	51
342	Pollutant soot of diesel engine exhaust transformed to carbon dots for multicoloured imaging of E. coli and sensing cholesterol. <i>RSC Advances</i> , <b>2014</b> , 4, 30100	3.7	67
341	A green heterogeneous synthesis of N-doped carbon dots and their photoluminescence applications in solid and aqueous states. <b>2014</b> , 6, 10307-15		258
340	Hair-derived carbon dots toward versatile multidimensional fluorescent materials. <b>2014</b> , 2, 6477-6483		116
339	Iron-oxide-supported nanocarbon in lithium-ion batteries, medical, catalytic, and environmental applications. <b>2014</b> , 8, 7571-612		128
338	One-step synthesis of fluorescent carbon nanoparticles for degradation of naphthol green under visible light. <b>2014</b> , 156, 36-40		10
337	Determination of metronidazole by a flow-injection chemiluminescence method using ZnO-doped carbon quantum dots. <b>2014</b> , 29, 216-224		12
336	Hydrothermal synthesis of two photoluminescent nitrogen-doped graphene quantum dots emitted green and khaki luminescence. <b>2014</b> , 147, 963-967		51
335	Nonlinear optical properties of colloidal carbon nanoparticles: nanodiamonds and carbon dots. <i>RSC Advances</i> , <b>2014</b> , 4, 40152-40160	3.7	38
334	Luminescent carbon nanoparticles: effects of chemical functionalization, and evaluation of Ag <sup>+</sup> sensing properties. <b>2014</b> , 2, 8342		80
333	Carbon dots Emerging light emitters for bioimaging, cancer therapy and optoelectronics. <b>2014</b> , 9, 590-603		655
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331	Carbon-based quantum dots for fluorescence imaging of cells and tissues. <i>RSC Advances</i> , <b>2014</b> , 4, 10791	3.7	253
330	Carbon nanodots from date molasses: new nanolights for the in vitro scavenging of reactive oxygen species. <b>2014</b> , 2, 6839-6847		85
329	Fluorescent nanomaterial-derived white light-emitting diodes: what's going on. <b>2014</b> , 2, 4358-4373		89
328	Facile synthesis and optical properties of nitrogen-doped carbon dots. <b>2014</b> , 38, 1522		70

327	A facile large-scale microwave synthesis of highly fluorescent carbon dots from benzenediol isomers. <b>2014</b> , 2, 5028-5035		63
326	Green synthesis of fluorescent nitrogen/sulfur-doped carbon dots and investigation of their properties by HPLC coupled with mass spectrometry. <i>RSC Advances</i> , <b>2014</b> , 4, 18065-18073	3-7	73
325	Synthesis and drug detection performance of nitrogen-doped carbon dots. <b>2014</b> , 149, 159-162		73
324	Direct chemiluminescence of carbon dots induced by potassium ferricyanide and its analytical application. <b>2014</b> , 122, 715-20		43
323	Size separation of carbon nanoparticles from diesel soot for Mn(II) sensing. <b>2014</b> , 146, 37-41		17
322	Preparation of highly luminescent and color tunable carbon nanodots under visible light excitation for in vitro and in vivo bio-imaging. <b>2015</b> , 30, 3386-3393		15
321	Capillary electrophoretic study of green fluorescent hollow carbon nanoparticles. <b>2015</b> , 36, 2110-9		15
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319	Broad family of carbon nanoallotropes: classification, chemistry, and applications of fullerenes, carbon dots, nanotubes, graphene, nanodiamonds, and combined superstructures. <b>2015</b> , 115, 4744-822		1137
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315	Carbon dots isolated from chromatographic fractions for sensing applications. <i>RSC Advances</i> , <b>2015</b> , 5, 106838-106847	3-7	7
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313	Imidazole derivative-functionalized carbon dots: using as a fluorescent probe for detecting water and imaging of live cells. <i>Dalton Transactions</i> , <b>2015</b> , 44, 5547-54	4-3	57
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306	Amino acid functionalized blue and phosphorous-doped green fluorescent carbon dots as bioimaging probe. <i>RSC Advances</i> , <b>2015</b> , 5, 65913-65921	3.7	50
305	Development of hydrophilicity gradient ultracentrifugation method for photoluminescence investigation of separated non-sedimental carbon dots. <i>Nano Research</i> , <b>2015</b> , 8, 2810-2821	10	42
304	Fabrication of fluorescent nitrogen-rich graphene quantum dots by tin(IV) catalytic carbonization of ethanolamine. <i>RSC Advances</i> , <b>2015</b> , 5, 60085-60089	3.7	13
303	Sensitive determination of kaempferol using carbon dots as a fluorescence probe. <b>2015</b> , 144, 390-7		17
302	Carbon quantum dots displaying dual-wavelength photoluminescence and electrochemiluminescence prepared by high-energy ball milling. <i>Carbon</i> , <b>2015</b> , 94, 472-478	10.4	68
301	Spectroscopic Investigation of Interaction Between Carbon Quantum Dots and D-Penicillamine Capped Gold Nanoparticles. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 1085-93	2.4	9
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298	Hydrothermal synthesis of ionic liquid-capped carbon quantum dots with high thermal stability and anion responsiveness. <b>2015</b> , 50, 5411-5418		51
297	Tunable amphiphilicity and multifunctional applications of ionic-liquid-modified carbon quantum dots. <b>2015</b> , 7, 6919-25		95
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