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## One-step synthesis of fluorescent carbon nanoparticles by laser irradiation

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| 618 | Highly luminescent N-doped carbon quantum dots as an effective multifunctional fluorescence sensing platform. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 2254-63             | 4.8 | 340 |
| 617 | Electrochemical synthesis of photoluminescent carbon nanodots from glycine for highly sensitive detection of hemoglobin. <b>2014</b> , 16, 2509   |     | 125 |
| 616 | Functionalized carbon dots as sensors for gold nanoparticles in spiked samples: formation of nanohybrids. <b>2014</b> , 820, 133-8  |     | 47  |
| 615 | Synthesis of ultra-stable fluorescent carbon dots from polyvinylpyrrolidone and their application in the detection of hydroxyl radicals. <b>2014</b> , 9, 1054-9                            |     | 28  |
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| 602 | Polyamine-functionalized carbon nanodots: a novel chemiluminescence probe for selective detection of iron(III) ions. <i>RSC Advances</i> , <b>2014</b> , 4, 45768-45771   | 3.7 | 37  |
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| 599 | Plant leaf-derived graphene quantum dots and applications for white LEDs. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 4946-4951   | 3.6 | 102 |
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| 596 | Facile synthesis of water-soluble and biocompatible fluorescent nitrogen-doped carbon dots for cell imaging. <b>2014</b> , 139, 1692-6  |     | 103 |
| 595 | Extremely high color rendering white light from surface passivated carbon dots and Zn-doped AgInS <sub>2</sub> nanocrystals. <b>2014</b> , 2, 4227-4232   |     | 43  |
| 594 | Reversible on/off switching of fluorescence via esterification of carbon dots. <i>RSC Advances</i> , <b>2014</b> , 4, 36917   | 3.7 | 18  |
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| 591 | Facile Access to White Fluorescent Carbon Dots toward Light-Emitting Devices. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 6417-6425  | 3.9 | 138 |
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| 582 | Eco-friendly synthesis of shrimp egg-derived carbon dots for fluorescent bioimaging. <b>2014</b> , 189, 114-9  |     | 37   |
| 581 | Solvent-free synthesis of sulfur- and nitrogen-co-doped fluorescent carbon nanoparticles from glutathione for highly selective and sensitive detection of mercury(II) ions. <b>2014</b> , 202, 741-747           |     | 80   |
| 580 | Surface passivated carbon nanodots prepared by microwave assisted pyrolysis: effect of carboxyl group in precursors on fluorescence properties. <i>RSC Advances</i> , <b>2014</b> , 4, 18818-18826               | 3.7 | 32   |
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| 575 | New Applications of Nanoheterogeneous Systems. <b>2014</b> , 449-493   |     |      |
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| 573 | Carbon-based quantum dots for fluorescence imaging of cells and tissues. <i>RSC Advances</i> , <b>2014</b> , 4, 10791  | 3.7 | 253  |
| 572 | Single-particle fluorescence intensity fluctuations of carbon nanodots. <b>2014</b> , 14, 620-5  |     | 155  |

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| 563 | Nanostructure sensitization of transition metal oxides for visible-light photocatalysis. <b>2014</b> , 5, 696-710   |     | 73  |
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| 559 | Synthesis and characterization of multifunctional hybrid-polymeric nanoparticles for drug delivery and multimodal imaging of cancer. <b>2015</b> , 10, 5771-86                          |     | 7   |
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| 549 | A sustainable alternative to synthesis optical sensing receptor for the detection of metal ions. <b>2015</b> , 40, 132-138  | 12     |
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| 530 | Label-free carbon quantum dots as photoluminescence probes for ultrasensitive detection of glucose. <i>RSC Advances</i> , <b>2015</b> , 5, 69042-69046  | 3.7 | 12  |
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| 526 | 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  |
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| 508 | One-pot catalyst-free synthesis of down- and upconversion fluorescent oligopyrazolines from diazoacetates and maleic anhydride. <b>2015</b> , 6, 4071-4079  |     | 8   |
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| 506 | Strong Infrared Laser Ablation Produces White-Light-Emitting Materials via the Formation of Silicon and Carbon Dots in Silica Nanoparticles. <b>2015</b> , 119, 8266-8272   |     | 20  |
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| 488 | Fluorescent labels in biosensors for pathogen detection. <b>2015</b> , 35, 82-93   |     | 53   |
| 487 | Pyrolytic synthesis of carbon quantum dots, and their photoluminescence properties. <b>2015</b> , 41, 813-819  |     | 17   |
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| 485 | The use of biobased nanofibres in composites. <b>2015</b> , 571-647  |     | 14   |
| 484 | One-step synthesis of high quantum-yield and excitation-independent emission carbon dots for cell imaging. <b>2015</b> , 139, 197-200  |     | 74   |
| 483 | Fast preparation of fluorescent carbon nanoparticles from $\beta$ -cyclodextrin via precursor design treatment. <b>2015</b> , 139, 122-125                                   |     | 6    |
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| 466 | Optical properties of carbon nanostructures produced by laser irradiation on chemically modified multi-walled carbon nanotubes. <b>2016</b> , 84, 53-58   |     | 15  |
| 465 | All-Carbon Nanosized Hybrid Materials: Fluorescent Carbon Dots Conjugated to Multiwalled Carbon Nanotubes. <b>2016</b> , 120, 8550-8558   |     | 13  |
| 464 | Inorganic nanoparticles for optical bioimaging. <b>2016</b> , 8, 1  |     | 139 |

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