

# Yongqiang Dong

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2621968/yongqiang-dong-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

6,523  
citations

24  
h-index

49  
g-index

49  
ext. papers

7,227  
ext. citations

7  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
46	Carbon-based dots co-doped with nitrogen and sulfur for high quantum yield and excitation-independent emission. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7800-4	16.4	1562
45	Blue luminescent graphene quantum dots and graphene oxide prepared by tuning the carbonization degree of citric acid. <i>Carbon</i> , <b>2012</b> , 50, 4738-4743	10.4	1265
44	Polyamine-functionalized carbon quantum dots as fluorescent probes for selective and sensitive detection of copper ions. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 6220-4	7.8	783
43	One-step and high yield simultaneous preparation of single- and multi-layer graphene quantum dots from CX-72 carbon black. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 8764		466
42	Extraction of Electrochemiluminescent Oxidized Carbon Quantum Dots from Activated Carbon. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 5895-5899	9.6	343
41	Graphene quantum dot as a green and facile sensor for free chlorine in drinking water. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 8378-82	7.8	336
40	Dual-Emission of Lanthanide Metal-Organic Frameworks Encapsulating Carbon-Based Dots for Ratiometric Detection of Water in Organic Solvents. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1748-52	7.8	183
39	Graphene Quantum Dots as a Green Sensitizer to Functionalize ZnO Nanowire Arrays on F-Doped SnO <sub>2</sub> Glass for Enhanced Photoelectrochemical Water Splitting. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 997-1003	21.8	174
38	Graphene quantum dots, graphene oxide, carbon quantum dots and graphite nanocrystals in coals. <i>Nanoscale</i> , <b>2014</b> , 6, 7410-5	7.7	170
37	Graphitic Carbon Nitride Materials: Sensing, Imaging and Therapy. <i>Small</i> , <b>2016</b> , 12, 5376-5393	11	152
36	Carbon-Based Dots Co-doped with Nitrogen and Sulfur for High Quantum Yield and Excitation-Independent Emission. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7954-7958	3.6	145
35	Graphene quantum dots/L-cysteine coreactant electrochemiluminescence system and its application in sensing lead(II) ions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 1646-51	9.5	123
34	Sensing applications of luminescent carbon based dots. <i>Analyst, The</i> , <b>2015</b> , 140, 7468-86	5	108
33	Luminescence origin of carbon based dots obtained from citric acid and amino group-containing molecules. <i>Carbon</i> , <b>2017</b> , 118, 319-326	10.4	85
32	Photoluminescence, chemiluminescence and anodic electrochemiluminescence of hydrazide-modified graphene quantum dots. <i>Nanoscale</i> , <b>2014</b> , 6, 11240-5	7.7	70
31	Immobilizing water-soluble graphene quantum dots with gold nanoparticles for a low potential electrochemiluminescence immunosensor. <i>Nanoscale</i> , <b>2015</b> , 7, 16366-71	7.7	59
30	Enhanced electrogenerated chemiluminescence behavior of CN QDs@ CN nanosheet and its signal-on aptasensing for platelet derived growth factor. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 695-701	11.8	46

29	Natural carbon-based dots from humic substances. <i>Scientific Reports</i> , <b>2015</b> , 5, 10037	4.9	45
28	High photoluminescent carbon based dots with tunable emission color from orange to green. <i>Nanoscale</i> , <b>2017</b> , 9, 1028-1032	7.7	40
27	Nitrogen and Sulfur Co-doped Carbon-Dot-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry Imaging for Profiling Bisphenol S Distribution in Mouse Tissues. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10872-10880	7.8	34
26	Single-Atom Ruthenium Biomimetic Enzyme for Simultaneous Electrochemical Detection of Dopamine and Uric Acid. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4916-4923	7.8	34
25	Colorimetric determination of glutathione by using a nanohybrid composed of manganese dioxide and carbon dots. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 291	5.8	33
24	Nitrogen-doped carbon-based dots prepared by dehydrating EDTA with hot sulfuric acid and their electrocatalysis for oxygen reduction reaction. <i>RSC Advances</i> , <b>2014</b> , 4, 32791-32795	3.7	25
23	Highly sensitive electrochemiluminescent sensing platform based on graphite carbon nitride nanosheets for detection of pyrophosphate ion in the synovial fluid. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 236, 8-15	8.5	25
22	Electrochemiluminescent Behavior of Tris(2,2-bipyridine) Ruthenium(II)/Triethylamine in Ionic Liquid Solution. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 15570-15575	3.8	22
21	TiN@VN Nanowire Arrays on 3D Carbon for High-Performance Supercapacitors. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1027-1030	4.3	20
20	Turn-on fluorescent detection of cyanide based on polyamine-functionalized carbon quantum dots. <i>RSC Advances</i> , <b>2014</b> , 4, 3685-3689	3.7	18
19	Protein-Directed In Situ Synthesis of Gold Nanoparticles on Reduced Graphene Oxide Modified Electrode for Nonenzymatic Glucose Sensing. <i>Electroanalysis</i> , <b>2012</b> , 24, 2348-2353	3	16
18	An Electrochemiluminescent Biosensor Based on Interactions between a Graphene Quantum Dot/Sulfite Co-reactant System and Hydrogen Peroxide. <i>ChemElectroChem</i> , <b>2017</b> , 4, 1783-1789	4.3	14
17	Effects of C-Related Dangling Bonds and Functional Groups on the Fluorescent and Electrochemiluminescent Properties of Carbon-Based Dots. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 4250-4254	4.8	14
16	Carbon based dot capped silver nanoparticles for efficient surface-enhanced Raman scattering. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 7472-7477	7.1	14
15	Nano-sized platinum as a mimic of uricase catalyzing the oxidative degradation of uric acid. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 6319-24	3.6	14
14	A highly sensitive signal-on biosensor for microRNA 142-3p based on the quenching of Ru(bpy)-TPA electrochemiluminescence by carbon dots and duplex specific nuclease-assisted target recycling amplification. <i>Chemical Communications</i> , <b>2020</b> , 56, 6692-6695	5.8	11
13	A novel hybrid platform of g-CN nanosheets /nucleic-acid-stabilized silver nanoclusters for sensing protein. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1091, 112-118	6.6	9
12	Carbon based dots capped tin oxide nanosheets hybridizing with silver nanoparticles for ultra-sensitive surface enhanced raman scattering substrate. <i>Carbon</i> , <b>2020</b> , 170, 270-276	10.4	8

11	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. <i>Chemical Communications</i> , <b>2019</b> , 55, 15065-15068	5.8	8
10	Carbon-based dots for the electrochemical production of hydrogen peroxide. <i>Chemical Communications</i> , <b>2020</b> , 56, 7609-7612	5.8	7
9	Reply to comment on One-step and high yield simultaneous preparation of single- and multi-layer graphene quantum dots from CX-72 carbon black. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 21777		7
8	Green synthesis of red-emission carbon based dots by microbial fermentation. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 8591-8595	3.6	6
7	Fullerene-Structural Carbon-Based Dots from C60 Molecules and their Optical Properties. <i>Particle and Particle Systems Characterization</i> , <b>2016</b> , 33, 916-923	3.1	5
6	Electrochemiluminescence for Characterizing the Polymerization Process during Graphitic Carbon Nitride Synthesis. <i>ChemElectroChem</i> , <b>2019</b> , 6, 3742-3746	4.3	5
5	Tune the Fluorescence and Electrochemiluminescence of Graphitic Carbon Nitride Nanosheets by Controlling the Defect States. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10925-10931	4.8	5
4	A simple enzyme-catalyzed reaction induced "switch" type fluorescence biosensor based on carbon nitride nanosheets for the assay of alkaline phosphatase activity. <i>Analyst, The</i> , <b>2020</b> , 145, 6277-6282	5	3
3	Hybridizing Carbon-Based Dot-Capped Manganese Dioxide Nanosheets and Gold Nanoparticles as a Highly Sensitive Surface-Enhanced Raman Scattering Substrate. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9744-9751	7.8	3
2	Carbon-based dot nanoclusters with enhanced roles of defect states in the fluorescence and singlet oxygen generation. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 16461-16467	3.6	2
1	Tuning the aggregation of silver nanoparticles with carbon dots for the surface-enhanced Raman scattering application. <i>Carbon</i> , <b>2021</b> , 185, 442-448	10.4	1