

Yongqiang Dong

List of Publications by Year in Descending Order

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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	Single-Atom Ruthenium Biomimetic Enzyme for Simultaneous Electrochemical Detection of Dopamine and Uric Acid. <i>Analytical Chemistry</i> , 2021 , 93, 4916-4923	7.8	34
45	Tune the Fluorescence and Electrochemiluminescence of Graphitic Carbon Nitride Nanosheets by Controlling the Defect States. <i>Chemistry - A European Journal</i> , 2021 , 27, 10925-10931	4.8	5
44	Hybridizing Carbon-Based Dot-Capped Manganese Dioxide Nanosheets and Gold Nanoparticles as a Highly Sensitive Surface-Enhanced Raman Scattering Substrate. <i>Analytical Chemistry</i> , 2021 , 93, 9744-9751	7.8	3
43	Tuning the aggregation of silver nanoparticles with carbon dots for the surface-enhanced Raman scattering application. <i>Carbon</i> , 2021 , 185, 442-448	10.4	1
42	Carbon based dots capped tin oxide nanosheets hybridizing with silver nanoparticles for ultra-sensitive surface enhanced raman scattering substrate. <i>Carbon</i> , 2020 , 170, 270-276	10.4	8
41	Carbon-based dots for the electrochemical production of hydrogen peroxide. <i>Chemical Communications</i> , 2020 , 56, 7609-7612	5.8	7
40	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> , 2020 , 56, 6692-6695	5.8	11
39	Carbon-based dot nanoclusters with enhanced roles of defect states in the fluorescence and singlet oxygen generation. <i>New Journal of Chemistry</i> , 2020 , 44, 16461-16467	3.6	2
38	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> , 2020 , 145, 6277-6282	5	3
37	A novel hybrid platform of g-CN nanosheets /nucleic-acid-stabilized silver nanoclusters for sensing protein. <i>Analytica Chimica Acta</i> , 2019 , 1091, 112-118	6.6	9
36	Electrochemiluminescence for Characterizing the Polymerization Process during Graphitic Carbon Nitride Synthesis. <i>ChemElectroChem</i> , 2019 , 6, 3742-3746	4.3	5
35	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. <i>Chemical Communications</i> , 2019 , 55, 15065-15068	5.8	8
34	Green synthesis of red-emission carbon based dots by microbial fermentation. <i>New Journal of Chemistry</i> , 2018 , 42, 8591-8595	3.6	6
33	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> , 2018 , 24, 4250-4254	4.8	14
32	Colorimetric determination of glutathione by using a nanohybrid composed of manganese dioxide and carbon dots. <i>Mikrochimica Acta</i> , 2018 , 185, 291	5.8	33
31	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> , 2018 , 90, 10872-10880	7.8	34
30	An Electrochemiluminescent Biosensor Based on Interactions between a Graphene Quantum Dot/Sulfite Co-reactant System and Hydrogen Peroxide. <i>ChemElectroChem</i> , 2017 , 4, 1783-1789	4.3	14

29	Luminescence origin of carbon based dots obtained from citric acid and amino group-containing molecules. <i>Carbon</i> , 2017 , 118, 319-326	10.4	85
28	High photoluminescent carbon based dots with tunable emission color from orange to green. <i>Nanoscale</i> , 2017 , 9, 1028-1032	7.7	40
27	Enhanced electrogenerated chemiluminescence behavior of CN QDs@ CN nanosheet and its signal-on aptasensing for platelet derived growth factor. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 695-701	11.8	46
26	Carbon based dot capped silver nanoparticles for efficient surface-enhanced Raman scattering. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7472-7477	7.1	14
25	Fullerene-Structural Carbon-Based Dots from C60 Molecules and their Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 916-923	3.1	5
24	Dual-Emission of Lanthanide Metal-Organic Frameworks Encapsulating Carbon-Based Dots for Ratiometric Detection of Water in Organic Solvents. <i>Analytical Chemistry</i> , 2016 , 88, 1748-52	7.8	183
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> , 2016 , 236, 8-15	8.5	25
22	Graphitic Carbon Nitride Materials: Sensing, Imaging and Therapy. <i>Small</i> , 2016 , 12, 5376-5393	11	152
21	Natural carbon-based dots from humic substances. <i>Scientific Reports</i> , 2015 , 5, 10037	4.9	45
20	Sensing applications of luminescent carbon based dots. <i>Analyst, The</i> , 2015 , 140, 7468-86	5	108
19	Immobilizing water-soluble graphene quantum dots with gold nanoparticles for a low potential electrochemiluminescence immunosensor. <i>Nanoscale</i> , 2015 , 7, 16366-71	7.7	59
18	Graphene quantum dots/L-cysteine coreactant electrochemiluminescence system and its application in sensing lead(II) ions. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 1646-51	9.5	123
17	Nitrogen-doped carbon-based dots prepared by dehydrating EDTA with hot sulfuric acid and their electrocatalysis for oxygen reduction reaction. <i>RSC Advances</i> , 2014 , 4, 32791-32795	3.7	25
16	Photoluminescence, chemiluminescence and anodic electrochemiluminescence of hydrazide-modified graphene quantum dots. <i>Nanoscale</i> , 2014 , 6, 11240-5	7.7	70
15	Graphene quantum dots, graphene oxide, carbon quantum dots and graphite nanocrystals in coals. <i>Nanoscale</i> , 2014 , 6, 7410-5	7.7	170
14	TiN@VN Nanowire Arrays on 3D Carbon for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2014 , 1, 1027-1030	4.3	20
13	Turn-on fluorescent detection of cyanide based on polyamine-functionalized carbon quantum dots. <i>RSC Advances</i> , 2014 , 4, 3685-3689	3.7	18
12	Graphene Quantum Dots as a Green Sensitizer to Functionalize ZnO Nanowire Arrays on F-Doped SnO2 Glass for Enhanced Photoelectrochemical Water Splitting. <i>Advanced Energy Materials</i> , 2013 , 3, 997-1003	21.8	174

11	Carbon-Based Dots Co-doped with Nitrogen and Sulfur for High Quantum Yield and Excitation-Independent Emission. <i>Angewandte Chemie</i> , 2013 , 125, 7954-7958	3.6	145
10	Carbon-based dots co-doped with nitrogen and sulfur for high quantum yield and excitation-independent emission. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7800-4	16.4	1562
9	Protein-Directed In Situ Synthesis of Gold Nanoparticles on Reduced Graphene Oxide Modified Electrode for Nonenzymatic Glucose Sensing. <i>Electroanalysis</i> , 2012 , 24, 2348-2353	3	16
8	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> , 2012 , 22, 21777		7
7	Graphene quantum dot as a green and facile sensor for free chlorine in drinking water. <i>Analytical Chemistry</i> , 2012 , 84, 8378-82	7.8	336
6	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> , 2012 , 22, 8764		466
5	Polyamine-functionalized carbon quantum dots as fluorescent probes for selective and sensitive detection of copper ions. <i>Analytical Chemistry</i> , 2012 , 84, 6220-4	7.8	783
4	Blue luminescent graphene quantum dots and graphene oxide prepared by tuning the carbonization degree of citric acid. <i>Carbon</i> , 2012 , 50, 4738-4743	10.4	1265
3	Nano-sized platinum as a mimic of uricase catalyzing the oxidative degradation of uric acid. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 6319-24	3.6	14
2	Extraction of Electrochemiluminescent Oxidized Carbon Quantum Dots from Activated Carbon. <i>Chemistry of Materials</i> , 2010 , 22, 5895-5899	9.6	343
1	Electrochemiluminescent Behavior of Tris(2,2-bipyridine) Ruthenium(II)/Triethylamine in Ionic Liquid Solution. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15570-15575	3.8	22