

# Shujuan Zhuo

## List of Publications by Year in descending order

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23  
papers

1,558  
citations

567281

15  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile one-step fabrication of Cu-doped carbon dots as a dual-selective biosensor for detection of pyrophosphate ions and measurement of pH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120681.	3.9	11
2	Nitrogen and copper-doped carbon quantum dots with intrinsic peroxidase-like activity for double-signal detection of phenol. <i>Analyst, The</i> , 2021, 146, 4280-4289.	3.5	16
3	Yellow emission carbon dots for highly selective and sensitive OFF-ON sensing of ferric and pyrophosphate ions in living cells. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 376-384.	9.4	34
4	Preparation of palladium/carbon dot composites as efficient peroxidase mimics for H <sub>2</sub> O <sub>2</sub> and glucose assay. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 963-972.	3.7	24
5	One-step hydrothermal synthesis of silver-doped carbon quantum dots for highly selective detection of uric acid. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 015005.	2.3	15
6	Fabrication of highly active phosphatase-like fluorescent cerium-doped carbon dots for <i>in situ</i> monitoring the hydrolysis of phosphate diesters. <i>RSC Advances</i> , 2020, 10, 41551-41559.	3.6	13
7	Fluorescent sensing platform for the detection of p-nitrophenol based on Cu-doped carbon dots. <i>Optical Materials</i> , 2019, 97, 109396.	3.6	45
8	Manganese(II)-doped carbon dots as effective oxidase mimics for sensitive colorimetric determination of ascorbic acid. <i>Mikrochimica Acta</i> , 2019, 186, 745.	5.0	54
9	Facile fabrication of fluorescent Fe-doped carbon quantum dots for dopamine sensing and bioimaging application. <i>Analyst, The</i> , 2019, 144, 656-662.	3.5	77
10	Synthesis of catalytically active peroxidase-like Fe-doped carbon dots and application in ratiometric fluorescence detection of hydrogen peroxide and glucose. <i>Analytical Methods</i> , 2019, 11, 2663-2668.	2.7	34
11	Living cell imaging and sensing of hydrogen sulfide using high-efficiency fluorescent Cu-doped carbon quantum dots. <i>New Journal of Chemistry</i> , 2018, 42, 19659-19664.	2.8	30
12	Luminescent phosphate sensor based on upconverting graphene quantum dots. <i>Spectroscopy Letters</i> , 2016, 49, 1-4.	1.0	13
13	Carbon dots based turn-on fluorescent probes for oxytetracycline hydrochloride sensing. <i>RSC Advances</i> , 2015, 5, 19853-19858.	3.6	52
14	High-throughput and rapid fluorescent visualization sensor of urinary citrate by CdTe quantum dots. <i>Talanta</i> , 2015, 141, 21-25.	5.5	21
15	Determination of gamma-globulin at nanogram levels by its quenching effect on the fluorescence of a red emitting conjugated polymer. <i>New Journal of Chemistry</i> , 2015, 39, 4551-4555.	2.8	5
16	Highly sensitive enzymatic determination of urea based on the pH-dependence of the fluorescence of graphene quantum dots. <i>Mikrochimica Acta</i> , 2015, 182, 1431-1437.	5.0	32
17	Eu(III)-induced room-temperature fast transformation of CdTe nanocrystals into nanorods. <i>Talanta</i> , 2014, 122, 229-233.	5.5	3
18	Fluorescent graphene quantum dot nanoprobe for the sensitive and selective detection of mercury ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 384-387.	3.9	106

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19	A reformative oxidation strategy using high concentration nitric acid for enhancing the emission performance of graphene quantum dots. <i>RSC Advances</i> , 2014, 4, 47977-47981.	3.6	28
20	Upconversion and Downconversion Fluorescent Graphene Quantum Dots: Ultrasonic Preparation and Photocatalysis. <i>ACS Nano</i> , 2012, 6, 1059-1064.	14.6	917
21	Application of L-Cysteine-Capped ZnS Nanoparticles in the Determination of Nucleic Acids Using the Resonance Light Scattering Method. <i>Mikrochimica Acta</i> , 2004, 146, 13-19.	5.0	20
22	Determination of Nucleic Acids Based on Shifting the Association Equilibrium between a Heptamethine Cyanine Dye and Poly-Lysine. <i>Mikrochimica Acta</i> , 2004, 148, 251-257.	5.0	4
23	Spectrophotometric Method for the Direct Determination of Anionic Surfactant Sodium Dodecyl Benzenesulfonate (SDBS) Using a Hydrophobic Near-Infrared (NIR) Cationic Cyanine Dye Without Solvent Extraction. <i>Analytical Letters</i> , 2004, 37, 711-723.	1.8	4