

# Jinyi Zhang, å¼ éæ

## List of Publications by Year in descending order

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28  
papers

1,535  
citations

304743

22  
h-index

501196

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-photo-oxidation for extending visible light absorption of carbon dots and oxidase-like activity. <i>Carbon</i> , 2021, 182, 537-544.	10.3	25
2	In Situ Fabrication of Nanoceria with Oxidase-like Activity at Neutral pH: Mechanism and Boosted Bio-Nanozyme Cascades. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 50236-50245.	8.0	21
3	Graphene oxide as a photocatalytic nuclease mimicking nanozyme for DNA cleavage. <i>Nano Research</i> , 2020, 13, 455-460.	10.4	57
4	Nucleoside-based fluorescent carbon dots for discrimination of metal ions. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3640-3646.	5.8	18
5	Selection of a metal ligand modified DNAzyme for detecting Ni <sup>2+</sup> . <i>Biosensors and Bioelectronics</i> , 2020, 165, 112285.	10.1	34
6	Nanozyme-based luminescence detection. <i>Luminescence</i> , 2020, 35, 1185-1194.	2.9	26
7	Orthogonal Adsorption of Carbon Dots and DNA on Nanoceria. <i>Langmuir</i> , 2020, 36, 2474-2481.	3.5	8
8	Highly efficient oxygen photosensitization of carbon dots: the role of nitrogen doping. <i>Nanoscale</i> , 2020, 12, 5543-5553.	5.6	72
9	Light-activated nanozymes: catalytic mechanisms and applications. <i>Nanoscale</i> , 2020, 12, 2914-2923.	5.6	112
10	Adsorption Promoted Aggregation-Induced Emission Showing Strong Dye Lateral Interactions. <i>Langmuir</i> , 2019, 35, 16304-16311.	3.5	8
11	Manganese as a Catalytic Mediator for Photo-oxidation and Breaking the pH Limitation of Nanozymes. <i>Nano Letters</i> , 2019, 19, 3214-3220.	9.1	161
12	Photo-modulated nanozymes for biosensing and biomedical applications. <i>Analytical Methods</i> , 2019, 11, 5081-5088.	2.7	33
13	Lanthanide-Boosted Singlet Oxygen from Diverse Photosensitizers along with Potent Photocatalytic Oxidation. <i>ACS Nano</i> , 2019, 13, 14152-14161.	14.6	80
14	Optically-active nanocrystals for inner filter effect-based fluorescence sensing: Achieving better spectral overlap. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 183-190.	11.4	155
15	Aggregation-induced phosphorescence enhancement of Mn-doped ZnS quantum dots: the role of dot-to-dot distance. <i>Nanoscale</i> , 2018, 10, 9236-9244.	5.6	15
16	Optical sensing at the nanobiointerface of metal ion-“optically-active nanocrystals. <i>Nanoscale</i> , 2018, 10, 5035-5046.	5.6	30
17	Ratiometric Phosphorescent Probe for Thallium in Serum, Water, and Soil Samples Based on Long-Lived, Spectrally Resolved, Mn-Doped ZnSe Quantum Dots and Carbon Dots. <i>Analytical Chemistry</i> , 2018, 90, 2939-2945.	6.5	63
18	Phosphorescent inner filter effect-based sensing of xanthine oxidase and its inhibitors with Mn-doped ZnS quantum dots. <i>Nanoscale</i> , 2018, 10, 8477-8482.	5.6	25

#	ARTICLE	IF	CITATIONS
19	Nanomaterials in speciation analysis of mercury, arsenic, selenium, and chromium by analytical atomic/molecular spectrometry. Applied Spectroscopy Reviews, 2018, 53, 333-348.	6.7	51
20	Photosensitization of Molecular Oxygen on Graphene Oxide for Ultrasensitive Signal Amplification. Chemistry - A European Journal, 2018, 24, 2602-2608.	3.3	22
21	Phosphorescent Carbon Dots for Highly Efficient Oxygen Photosensitization and as Photo-oxidative Nanozymes. ACS Applied Materials & Interfaces, 2018, 10, 40808-40814.	8.0	192
22	Modulation of the Singlet Oxygen Generation from the Double Strand DNA-SYBR Green I Complex Mediated by T-Melamine-T Mismatch for Visual Detection of Melamine. Analytical Chemistry, 2017, 89, 5101-5106.	6.5	58
23	Nano g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> composite: A highly efficient photocatalyst for selenium (VI) photochemical vapor generation for its ultrasensitive AFS determination. Microchemical Journal, 2017, 135, 158-162.	4.5	30
24	Exploring the tunable excitation of QDs to maximize the overlap with the absorber for inner filter effect-based phosphorescence sensing of alkaline phosphatase. Nanoscale, 2017, 9, 15606-15611.	5.6	52
25	Facile colorimetric sensing of Pb <sup>2+</sup> using bimetallic lanthanide metal-organic frameworks as luminescent probe for field screen analysis of lead-polluted environmental water. Microchemical Journal, 2017, 134, 140-145.	4.5	43
26	Glucose oxidase-directed, instant synthesis of Mn-doped ZnS quantum dots in neutral media with retained enzymatic activity: mechanistic study and biosensing application. Journal of Materials Chemistry B, 2015, 3, 5942-5950.	5.8	24
27	Sensing during In Situ Growth of Mn-Doped ZnS QDs: A Phosphorescent Sensor for Detection of H <sub>2</sub> S in Biological Samples. Chemistry - A European Journal, 2014, 20, 952-956.	3.3	69
28	Analyte-Activable Probe for Protease Based on Cytochrome C-Capped Mn: ZnS Quantum Dots. Analytical Chemistry, 2014, 86, 10078-10083.	6.5	51