

# Jin Zhou

## 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.

59  
papers

2,528  
citations

28  
h-index

50  
g-index

70  
ext. papers

3,047  
ext. citations

6.9  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
59	Molecular engineering and biomedical applications of ultra-sensitive fluorescent probe for Ag <sup>+</sup> . <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 3066-3066	8.1	1
58	Nanoliposomal Ratiometric Fluorescent Probe toward ONOO Flux.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2080-2088	4.1	2
57	Sensitive and rapid detection of Cr in live cells by a red turn-on fluorescent probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 245, 118903	4.4	7
56	Synthesis of spiro(indoline-2,3?-hydroxyridazine) via an $\beta$ n-water[4 + 2] annulation reaction. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 922-927	5.2	4
55	A mitochondria-targeted near-infrared fluorescent probe for imaging viscosity in living cells and a diabetic mice model. <i>Chemical Communications</i> , <b>2021</b> , 57, 4376-4379	5.8	15
54	Fluorescent probes in public health and public safety. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 449, 214208	3.2	4
53	Fluorescent Diagnostic Probes: Fluorescent Diagnostic Probes in Neurodegenerative Diseases (Adv. Mater. 51/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070385	24	0
52	Functional and Clinical Characterization of Tumor-Infiltrating T Cell Subpopulations in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 586415	4.5	2
51	A phosphorescence "turn-on" probe for the detection and imaging of Al based on aggregation-induced emission. <i>Talanta</i> , <b>2020</b> , 219, 121298	6.2	6
50	Rational drug design, synthesis, and biological evaluation of novel chiral tetrahydronaphthalene-fused spirooxindole as MDM2-CDK4 dual inhibitor against glioblastoma. <i>Acta Pharmaceutica Sinica B</i> , <b>2020</b> , 10, 1492-1510	15.5	16
49	Network-Based Coexpression Analysis Identifies Functional and Prognostic Long Noncoding RNAs in Hepatocellular Carcinoma. <i>BioMed Research International</i> , <b>2020</b> , 2020, 1371632	3	1
48	Fluorescent Diagnostic Probes in Neurodegenerative Diseases. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001945	24	33
47	Stereoselective Assembly of Multifunctional Spirocyclohexene Pyrazolones That Induce Autophagy-Dependent Apoptosis in Colorectal Cancer Cells. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 9138-9150	4.3	14
46	Sensing and imaging of mitochondrial viscosity in living cells using a red fluorescent probe with a long lifetime. <i>Chemical Communications</i> , <b>2019</b> , 55, 7410-7413	5.8	73
45	An off-on fluorescent probe for real-time sensing the fluctuations of intracellular pH values in biological processes. <i>Dyes and Pigments</i> , <b>2019</b> , 170, 107620	4.6	9
44	Long-Lasting Sex-Specific Effects Based On Emotion- and Cognition-Related Behavioral Assessment of Adult Rats After Post-Traumatic Stress Disorder From Different Lengths of Maternal Separation. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 289	5	13
43	The effects of histone deacetylase inhibitors on the attentional set-shifting task performance of alcohol-dependent rats. <i>Brain Research Bulletin</i> , <b>2019</b> , 149, 208-215	3.9	1

42	A red lysosome-targeted fluorescent probe for carboxylesterase detection and bioimaging. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2989-2996	7.3	28
41	Protecting Group-Directed Diastereodivergent Synthesis of Chiral Tetrahydronaphthalene-Fused Spirooxindoles via Bifunctional Tertiary Amine Catalysis. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 10349-10361	4.2	8
40	Viscosity-sensitive thiolated gold nanoclusters with diffusion-controlled emission for intracellular viscosity imaging. <i>Analyst, The</i> , <b>2019</b> , 144, 4483-4487	5	4
39	A new mitochondrion targetable fluorescent probe for carbon monoxide-specific detection and live cell imaging. <i>Chemical Communications</i> , <b>2019</b> , 55, 9444-9447	5.8	53
38	A simple and efficient phosphorescent probe for iodide-specific detection based on crystallization-induced phosphorescence of organic ionic crystals. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 43-47	7.1	8
37	Simple and convenient two step synthesis of 5-bromo-2,3-dimethoxy-6-methyl-1,4-benzoquinone. <i>Green Processing and Synthesis</i> , <b>2019</b> , 8, 825-827	3.9	0
36	An Interpenetrating Porous Organic Polymer as a Precursor for FeP/Fe P-Embedded Porous Carbon toward a pH-Universal ORR Catalyst. <i>ChemSusChem</i> , <b>2019</b> , 12, 915-923	8.3	33
35	H <sub>2</sub> S <sub>2</sub> -triggered off-on fluorescent indicator with endoplasmic reticulum targeting for imaging in cells and zebrafishes. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 278, 64-72	8.5	31
34	Intracellular endogenous glutathione detection and imaging by a simple and sensitive spectroscopic off-on probe. <i>Analyst, The</i> , <b>2018</b> , 143, 2390-2396	5	18
33	Hydrophobicity-guided self-assembled particles of silver nanoclusters with aggregation-induced emission and their use in sensing and bioimaging. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 3927-3933	7.3	35
32	A universal fluorometric assay strategy for glycosidases based on functional carbon quantum dots: Galactosidase activity detection in vitro and in living cells. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 1971-1979	7.3	56
31	Carbon dots doped with heteroatoms for fluorescent bioimaging: a review. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 343-368	5.8	200
30	The complete mitochondrial genome of Belgium Malinois (Canis; Canidae). <i>Mitochondrial DNA</i> , <b>2016</b> , 27, 171-2		1
29	A Cyanine Dye to Probe Mitophagy: Simultaneous Detection of Mitochondria and Autolysosomes in Live Cells. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 12368-74	16.4	149
28	Coatings of molecularly imprinted polymers based on polyhedral oligomeric silsesquioxane for open tubular capillary electrochromatography. <i>Talanta</i> , <b>2016</b> , 152, 277-82	6.2	34
27	Design principles of spectroscopic probes for biological applications. <i>Chemical Science</i> , <b>2016</b> , 7, 6309-6315	5.4	110
26	A Lysosome-Targeting Fluorescence Off-On Probe for Imaging of Nitroreductase and Hypoxia in Live Cells. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2719-2724	4.5	53
25	Detection of Misdistribution of Tyrosinase from Melanosomes to Lysosomes and Its Upregulation under Psoralen/Ultraviolet A with a Melanosome-Targeting Tyrosinase Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 4557-64	7.8	66

24	A fluorometric assay for alkaline phosphatase activity based on $\beta$ -cyclodextrin-modified carbon quantum dots through host-guest recognition. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 83, 274-80	11.8	99
23	Correction: Design principles of spectroscopic probes for biological applications. <i>Chemical Science</i> , <b>2016</b> , 7, 6575	9.4	4
22	A dual-channel fluorescent chemosensor for discriminative detection of glutathione based on functionalized carbon quantum dots. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 748-755	11.8	49
21	A simple fluorescent off-on probe for the discrimination of cysteine from glutathione. <i>Chemical Communications</i> , <b>2015</b> , 51, 9388-90	5.8	124
20	Functionalized Carbon Quantum Dots with Dopamine for Tyrosinase Activity Monitoring and Inhibitor Screening: In Vitro and Intracellular Investigation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 23564-74	9.5	118
19	Visible-light-induced cleavage of 4-amino acid substituted naphthalimides and its application in DNA photocleavage. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 3931-5	3.9	15
18	A reversible fluorescence nanoswitch based on carbon quantum dots nanoassembly for detection of pyrophosphate ion. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 220, 138-145	8.5	30
17	HOCl can appear in the mitochondria of macrophages during bacterial infection as revealed by a sensitive mitochondrial-targeting fluorescent probe. <i>Chemical Science</i> , <b>2015</b> , 6, 4884-4888	9.4	190
16	Protease-activated ratiometric fluorescent probe for pH mapping of malignant tumors. <i>ACS Nano</i> , <b>2015</b> , 9, 3199-205	16.7	85
15	Facile synthesis of P-doped carbon quantum dots with highly efficient photoluminescence. <i>RSC Advances</i> , <b>2014</b> , 4, 5465	3.7	148
14	Effects of side chains on DNA binding, cell permeability, nuclear localization and cytotoxicity of 4-aminonaphthalimides. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 9207-15	3.9	21
13	Surface functionalization of graphene quantum dots with small organic molecules from photoluminescence modulation to bioimaging applications: an experimental and theoretical investigation. <i>RSC Advances</i> , <b>2013</b> , 3, 14571	3.7	156
12	Facile synthesis of halogenated carbon quantum dots as an important intermediate for surface modification. <i>RSC Advances</i> , <b>2013</b> , 3, 9625	3.7	42
11	The visible photoluminescence mechanism of oxidized multi-walled carbon nanotubes: an experimental and theoretical investigation. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 307-314	7.1	20
10	A pH sensitive ratiometric fluorophore and its application for monitoring the intracellular and extracellular pHs simultaneously. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 661-667	7.3	66
9	A guanidine derivative of naphthalimide with excited-state deprotonation coupled intramolecular charge transfer properties and its application. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 4427	7.1	46
8	Variations in the levels of mulberroside A, oxyresveratrol, and resveratrol in mulberries in different seasons and during growth. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 380692	2.2	15
7	Facile synthesis of halogenated multi-walled carbon nanotubes and their unusual photoluminescence. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 22113		24

6	Multicolour fluorescent graphene oxide by cutting carbon nanotubes upon oxidation. <i>CrystEngComm</i> , <b>2012</b> , 14, 4976	3.3	9
5	Highly efficient fluorescent multi-walled carbon nanotubes functionalized with diamines and amides. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 11912		28
4	Well dispersed single-walled carbon nanotubes with strong visible fluorescence in water for metal ions sensing. <i>Chemical Communications</i> , <b>2011</b> , 47, 7167-9	5.8	21
3	Nanosized N-doped graphene oxide with visible fluorescence in water for metal ion sensing. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17635		47
2	Correlation between bilirubin glucuronidation and estradiol-3-glucuronidation in the presence of model UDP-glucuronosyltransferase 1A1 substrates/inhibitors. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 322-9	4	55
1	Bilirubin glucuronidation revisited: proper assay conditions to estimate enzyme kinetics with recombinant UGT1A1. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 1907-11	4	25