

# Keli Zhong

## List of Publications by Year in descending order

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76  
papers

2,024  
citations

201674

27  
h-index

254184

43  
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76  
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76  
docs citations

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times ranked

1833  
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly sensitive ratiometric fluorescent sensor for copper ions and cadmium ions in scallops based on nitrogen doped graphene quantum dots cooperating with gold nanoclusters. <i>Food Chemistry</i> , 2022, 369, 130964.	8.2	35
2	Construction of nanoaggregates from amphiphilic supramolecules containing barbiturate and $\langle \text{sc} \rangle$ Hamilton $\langle \text{sc} \rangle$ wedge units. <i>Polymer International</i> , 2022, 71, 478-486.	3.1	4
3	Research Progress of Fluorescence Probes Constructed by Cyclodextrin Derivatives and Inclusion Complexes. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 785.	1.3	2
4	Mitochondria-Targeted Fluorescent Turn-On Probe for Rapid Detection of Bisulfite/Sulfite in Water and Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5159-5165.	5.2	31
5	A colorimetric, NIR, ultrafast fluorescent probe for ferric iron detection based on the PET mechanism and its multiple applications. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9009-9016.	5.5	11
6	On-package ratiometric fluorescent sensing label based on AIE polymers for real-time and visual detection of fish freshness. <i>Food Chemistry</i> , 2022, 390, 133153.	8.2	14
7	A new cascade reaction-based colorimetric and fluorescence "turn on" dual-function probe for cyanide and hydrazine detection. <i>Dyes and Pigments</i> , 2021, 186, 109034.	3.7	62
8	A triphenylamine derived fluorescent probe for efficient detection of $\text{H}_2\text{S}$ based on aggregation-induced emission. <i>New Journal of Chemistry</i> , 2021, 45, 13399-13405.	2.8	12
9	A Long-Wavelength Fluorescent Probe for Naked Eye Recognition of $\text{HSO}_3^-/\text{SO}_3^{2-}$ in Aqueous Solution and Its Application. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 2417.	1.3	0
10	A Long-Wavelength Emission Fluorescent Probe Based on TCF Derivatives for High-Sensitivity Detection of $\text{Hg}^{2+}$ . <i>Heterocycles</i> , 2021, 102, 1939.	0.7	0
11	Synthesis of 2-(3-Cyanofuran-2(5 <i>H</i> )-ylidene)malononitrile Derivative and Its Recognition for $\text{Pd}^{2+}$ . <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 1124.	1.3	1
12	Mitochondria-Targeted Red-Emission Fluorescent Probe for Ultrafast Detection of $\text{H}_2\text{S}$ in Food and Its Bioimaging Application. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4628-4634.	5.2	54
13	Investigating phosphorescence capability of halogen-substituted metal-free organic molecules: A theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119642.	3.9	4
14	A fluorescent and colorimetric dual-recognition probe based on copper( $\langle \text{sc} \rangle$ )-decorated carbon dots for detection of phosphate. <i>Analytical Methods</i> , 2021, 13, 5003-5010.	2.7	2
15	A new NIR-emissive fluorescence turn-on probe for $\text{Hg}^{2+}$ detection with a large Stokes shift and its multiple applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112160.	3.9	65
16	A simple $\text{H}_2\text{S}$ fluorescent probe with long wavelength emission: Application in water, wine, living cells and detection of $\text{H}_2\text{S}$ gas. <i>Dyes and Pigments</i> , 2020, 174, 108049.	3.7	74
17	A simple and efficient fluorescent probe for detecting $\text{Ba}^{2+}$ and its various applications. <i>Tetrahedron Letters</i> , 2020, 61, 151558.	1.4	9
18	A TCF-based colorimetric and fluorescent probe for highly selective detection of oxalyl chloride. <i>Tetrahedron Letters</i> , 2020, 61, 152470.	1.4	4

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19	A near-infrared fluorescent probe for H <sub>2</sub> S based on tandem reaction to construct iminocoumarin-benzothiazole and its application in food, water, living cells. <i>Analytica Chimica Acta</i> , 2020, 1127, 49-56.	5.4	32
20	Preparation of a bilayer edible film incorporated with lysozyme and its effect on fish spoilage bacteria. <i>Journal of Food Safety</i> , 2020, 40, e12832.	2.3	10
21	Novel magnetic fluorescence probe based on carbon quantum dots-doped molecularly imprinted polymer for AHLs signaling molecules sensing in fish juice and milk. <i>Food Chemistry</i> , 2020, 328, 127063.	8.2	56
22	A simple benzothiazole-based mitochondrial-targeting fluorescent probe for visualizing and monitoring viscosity in living cell, lung organ tissue, and living mice. <i>Dyes and Pigments</i> , 2020, 182, 108644.	3.7	61
23	Dual-functional multi-application probe: Rapid detection of H <sub>2</sub> S and colorimetric recognition of HSO <sub>3</sub> <sup>-</sup> in food and cell. <i>Dyes and Pigments</i> , 2020, 182, 108656.	3.7	37
24	A novel D-Î€-A type NBD-based fluorescent probe for ultrafast and distinguishable detection of Hcy/Cys and its bioimaging application. <i>Journal of Luminescence</i> , 2020, 224, 117330.	3.1	9
25	A simple AIE-active fluorogen for relay recognition of Cu <sup>2+</sup> and pyrophosphate through aggregation-switching strategy. <i>Dyes and Pigments</i> , 2020, 178, 108379.	3.7	72
26	Synthesis and antibacterial activity of modified Îµ-polylysine. <i>E3S Web of Conferences</i> , 2020, 213, 01005.	0.5	0
27	Synthesis of Novel 7-Hydroxytetrahydroquinoxaline-6-formaldehyde Acylhydrazone Derivative and Its Recognition for Al <sup>3+</sup> . <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1251.	1.3	2
28	An aggregation-induced emission-based fluorescence turn-on probe for Hg <sup>2+</sup> and its application to detect Hg <sup>2+</sup> in food samples. <i>RSC Advances</i> , 2019, 9, 23316-23323.	3.6	28
29	A colorimetric and near-infrared fluorescent probe for detection of hydrogen sulfide and its real multiple applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 117135.	3.9	35
30	An ES IPT-based mitochondria-targeted ratiometric and NIR-emitting fluorescent probe for hydrogen peroxide and its bioimaging in living cells. <i>Dyes and Pigments</i> , 2018, 158, 482-489.	3.7	94
31	A novel near-infrared fluorescent probe for highly selective recognition of hydrogen sulfide and imaging in living cells. <i>RSC Advances</i> , 2018, 8, 23924-23929.	3.6	29
32	Morphological Control of Coilâ€“Rodâ€“Coil Molecules Containing <i>m</i> -Terphenyl Group: Construction of Helical Fibers and Helical Nanorings in Aqueous Solution. <i>Langmuir</i> , 2018, 34, 10613-10621.	3.5	15
33	Synthesis of Multifunctional Long-Wavelength-Emitting Fluorescent Probe Based on Hydrazine Dihydrazone and Its Copper Complex for Detection of H <sub>2</sub> S. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 1786.	1.3	5
34	A mitochondria-targetable fluorescent probe for ratiometric detection of SO <sub>2</sub> derivatives and its application in live cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 421-427.	7.8	89
35	Control of supramolecular nanoassemblies by tuning the interactions of bent-shaped rodâ€“coil molecules. <i>Soft Matter</i> , 2017, 13, 3334-3340.	2.7	11
36	A 2-(2â€“hydroxyphenyl)quinazolin-4(3H)-one derived fluorescence turn on probe for recognition of Hg <sup>2+</sup> in water solution and its live cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 340, 15-20.	3.9	10

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37	A new 2-(2-hydroxyphenyl)quinazolin-4(3H)-one derived acylhydrazone for fluorescence recognition of Al <sup>3+</sup> . Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 174, 70-74.	3.9	35
38	Construction of Supramolecular Nanostructures from V-Shaped Amphiphilic Rod-Coil Molecules Incorporating Phenazine Units. Polymers, 2017, 9, 685.	4.5	6
39	Fluorescence Recognition of H <sub>2</sub> S by a Benzothiazole Derivative and Its Live Cell Imaging. Chinese Journal of Organic Chemistry, 2017, 37, 423.	1.3	6
40	A Novel 1,8-Disubstituted Pyrene-Based Fluorescent Probe for Subsequent Detection of Cu <sup>2+</sup> and Pyrophosphate. Chinese Journal of Organic Chemistry, 2017, 37, 2002.	1.3	3
41	A Fluorescence Enhancement Probe for Trivalent Ions: Preparation and Property. Chinese Journal of Organic Chemistry, 2017, 37, 726.	1.3	1
42	A new hydroxynaphthyl benzothiazole derived fluorescent probe for highly selective and sensitive Cu <sup>2+</sup> detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 169, 246-251.	3.9	28
43	A Highly Selective and Sensitive Fluorescent Probe Recognition for Co <sup>2+</sup> in Aqueous Media Based on 8-Hydroxyquinolin-2-carbaldehyde-2-pyridylformylhydrazone Derivative. Chinese Journal of Chemistry, 2016, 34, 1329-1334.	4.9	4
44	Self-organizing p-quinquephenyl building blocks incorporating lateral hydroxyl and methoxyl groups into supramolecular nano-assemblies. Soft Matter, 2016, 12, 3860-3867.	2.7	14
45	A new Rhodamine-based visual and fluorometric probe for selective detection of trivalent cations. Tetrahedron Letters, 2016, 57, 2616-2619.	1.4	23
46	A novel benzothiazole-based enaminone as a fluorescent probe for highly selective and sensitive detection of CN <sup>-</sup> . RSC Advances, 2016, 6, 48351-48356.	3.6	11
47	An ESIPT-based fluorescent probe for selective detection of homocysteine and its application in live-cell imaging. Tetrahedron Letters, 2016, 57, 5227-5231.	1.4	22
48	Self-Assembly of n-Shaped Rod-Coil Molecules into Thermoresponsive Nanoassemblies: Construction of Reversible Helical Nanofibers in Aqueous Environment. Macromolecules, 2016, 49, 5912-5920.	4.8	24
49	A New Thiosemicarbazone-Based Fluorescence "Turn-on" Sensor for Zn <sup>2+</sup> Recognition with a Large Stokes Shift and its Application in Live Cell Imaging. Journal of Fluorescence, 2016, 26, 1535-1540.	2.5	20
50	A 2,5-diaryl-1,3,4-oxadiazole-based fluorescent probe for rapid and highly selective recognition of hydrogen sulfide with a large Stokes shift through switching on ESIPT. Tetrahedron Letters, 2016, 57, 1361-1364.	1.4	28
51	Synthesis of a Novel Benzothiazole-Rhodamine Derivative and Its Selective Detection of Fe <sup>3+</sup> , Al <sup>3+</sup> and Cr <sup>3+</sup> . Chinese Journal of Organic Chemistry, 2016, 36, 768.	1.3	1
52	Recent Advances in Nicotinamide Adenine Dinucleotide (NAD <sup>+</sup> ) Analogs Synthesis and Their Interactions with NAD <sup>+</sup> -Dependent Enzymes. Chinese Journal of Organic Chemistry, 2016, 36, 297.	1.3	0
53	Ordered nanostructures from self-assembly of H-shaped coil-rod-coil molecules. Journal of Polymer Science Part A, 2015, 53, 85-92.	2.3	13
54	Multi-analyte, ratiometric and relay recognition of a 2,5-diphenyl-1,3,4-oxadiazole-based fluorescent sensor through modulating ESIPT. RSC Advances, 2015, 5, 10505-10511.	3.6	36

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55	Synthesis and self-assembly of amphiphilic bent-shaped molecules based on dibenzo[a,c]phenazine and poly(ethylene oxide) units. <i>Polymer Chemistry</i> , 2015, 6, 7395-7401.	3.9	19
56	Liquid Crystalline Assembly of Coil-Rod-Coil Molecules with Lateral Methyl Groups into 3-D Hexagonal and Tetragonal Assemblies. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5634-5648.	4.1	3
57	A Phenylbenzothiazole Derived Fluorescent Sensor for Zn(II) Recognition in Aqueous Solution Through "Turn-On" Excited-State Intramolecular Proton Transfer Emission. <i>Journal of Fluorescence</i> , 2014, 24, 1487-1493.	2.5	21
58	Self-organization of coil-rod-coil molecular isomers with conjugated rod segments into supramolecular honeycomb and lamellar assemblies. <i>Polymer International</i> , 2014, 63, 1070-1075.	3.1	5
59	A Simple Benzimidazole Based Fluorescent Sensor for Ratiometric Recognition of Zn <sup>2+</sup> in Water. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 489-493.	1.9	12
60	Selective sampling and measurement of Cr (VI) in water with polyquaternary ammonium salt as a binding agent in diffusive gradients in thin-films technique. <i>Journal of Hazardous Materials</i> , 2014, 271, 160-165.	12.4	31
61	A novel carbazole-based ratiometric fluorescent sensor for Zn <sup>2+</sup> recognition through excimer formation and application of the resultant complex for colorimetric recognition of oxalate through AIDAs. <i>Tetrahedron</i> , 2014, 70, 9118-9124.	1.9	22
62	A water-soluble highly sensitive and selective fluorescent sensor for Hg <sup>2+</sup> based on 2-(2-(8-hydroxyquinolin-yl)benzimidazole via ligand-to-metal charge transfer (LMCT). <i>RSC Advances</i> , 2014, 4, 16612.	3.6	37
63	A novel 2,5-diphenyl-1,3,4-oxadiazole derived fluorescent sensor for highly selective and ratiometric recognition of Zn <sup>2+</sup> in water through switching on ESIPT. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 557-564.	7.8	36
64	Relay recognition by modulating ESIPT: A phenylbenzimidazole derived sensor for highly selective ratiometric fluorescent recognition of Zn <sup>2+</sup> and S <sup>2-</sup> in water. <i>Journal of Luminescence</i> , 2014, 147, 179-183.	3.1	20
65	Effects of different freezing treatments on physicochemical responses and microbial characteristics of Japanese sea bass ( <i>Lateolabrax japonicus</i> ) fillets during refrigerated storage. <i>LWT - Food Science and Technology</i> , 2014, 59, 122-129.	5.2	70
66	Synthesis and self-assembly of oligomers containing cruciform 9,10-bis(arylethynyl)anthracene unit: formation of supramolecular nanostructures based on rod-length-dependent organization. <i>Tetrahedron</i> , 2014, 70, 1230-1235.	1.9	16
67	Determination of lead in soybean sauces by the diffusive gradients in thin films technique. <i>Food Chemistry</i> , 2014, 165, 9-13.	8.2	13
68	Synthesis and properties of T-shaped organic conjugates based on 3,6-diarylpyridazine-fused tetrathiafulvalene. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5100.	2.8	13
69	A highly selective and ratiometric fluorescent sensor for relay recognition of zinc(ii) and sulfide ions based on modulation of excited-state intramolecular proton transfer. <i>RSC Advances</i> , 2013, 3, 16802.	3.6	82
70	An efficient sensor for relay recognition of Zn <sup>2+</sup> and Cu <sup>2+</sup> through fluorescence "off-on" functionality. <i>Tetrahedron Letters</i> , 2013, 54, 6105-6109.	1.4	35
71	Fluorescence relay enhancement sequential recognition of Cu <sup>2+</sup> and CN <sup>-</sup> by a new quinazoline derivative. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 439-445.	7.8	121
72	Rapid and highly selective relay recognition of Cu(II) and sulfide ions by a simple benzimidazole-based fluorescent sensor in water. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 188-194.	7.8	156

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73	Synthesis and Mesomorphism of the Bipodal Liquid Crystals with a Tetrathiafulvalene/dithiole and Two Cholesterol Moieties. <i>Heterocycles</i> , 2012, 85, 3021.	0.7	3
74	Tetrakis(tetrathiafulvalene- <i>tetrathiacrown ether</i> )porphyrazine Triads: Synthesis, Photophysical, and Electrochemical Properties. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1138-1146.	2.4	15
75	Synthesis and self-assembly of coil-rod-coil molecules with lateral methyl and ethyl groups in the center of the rod segment. <i>Soft Matter</i> , 2010, 6, 5993.	2.7	28
76	An ordered network polymer of bicontinuous cubic structure resulting from photo-polymerization of a coil-rod-coil molecule self-assembly. <i>Macromolecular Research</i> , 2009, 17, 280-283.	2.4	12