

# Shaojin Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

436  
citations

623734

14  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimethylamine substituted bisbenzocoumarins: solvatochromic, mechanochromic and acidochromic properties. <i>CrystEngComm</i> , 2018, 20, 5432-5441.	2.6	32
2	A highly Selective Fluorescent Chemosensor for Zn <sup>2+</sup> Based on the Rhodamine Derivative Incorporating Coumarin Group. <i>Journal of Fluorescence</i> , 2017, 27, 629-633.	2.5	28
3	Facile and Highly Selective Ratiometric Fluorescence Probe Based on Benzo[5]helicene for the Detection of Hypochlorous Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 992-999.	3.7	27
4	A highly-sensitive "turn on" probe based on coumarin 1 <sup>2</sup> -diketone for hydrazine detection in PBS and living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119510.	3.9	27
5	Tetrahydro[5]helicene fused nitrobenzoxadiazole as a fluorescence probe for hydrogen sulfide, cysteine/homocysteine and glutathione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 118003.	3.9	25
6	A coumarin-based dual optical probe for homocysteine with rapid response time, high sensitivity and selectivity. <i>Talanta</i> , 2019, 196, 243-248.	5.5	24
7	A fluorescent probe based on tetrahydro[5]helicene for highly selective recognition of hydrogen sulfide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 295-300.	3.9	24
8	A coumarin-based portable fluorescent probe for rapid turn-on detection of amine vapors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120152.	3.9	23
9	A thiophene-rhodamine dyad as fluorescence probe for ferric ion and its application in living cells imaging. <i>Journal of Luminescence</i> , 2019, 208, 468-474.	3.1	22
10	Thiophene-based rhodamine as selective fluorescence probe for Fe(III) and Al(III) in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5547-5554.	3.7	20
11	A mitochondria-targeted fluorescent probe for real-time imaging SO <sub>2</sub> /H <sub>2</sub> O <sub>2</sub> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120134.	3.9	20
12	Dimethylamino naphthalene-based cyanostyrene derivatives with stimuli responsive luminescent properties. <i>Dyes and Pigments</i> , 2019, 171, 107700.	3.7	18
13	Acryl-modified diazabenz[ghi]perylene for fast discrimination of Cys from GSH and Hcy with high quantum yield. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128304.	7.8	18
14	A fluorescent probe based on tetrahydro[5]helicene derivative with large Stokes shift for rapid and highly selective recognition of hydrogen sulfide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 487-495.	3.9	17
15	Synthesis and studies of axial chiral bisbenzocoumarins: Aggregation-induced emission enhancement properties and aggregation-annihilation circular dichroism effects. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 141-146.	3.9	15
16	Binaphthanol-based organic fluorophores with color tunability and their optical properties. <i>CrystEngComm</i> , 2019, 21, 2809-2817.	2.6	14
17	A diazabenzoperylene derivative as ratiometric fluorescent probe for cysteine with super large Stokes shift. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2687-2696.	3.7	14
18	The Preparation of Enantiopure [6] and [7]Helicenes from Binaphthanol. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1462-1466.	3.3	13

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19	A hemicyanine-based near-infrared fluorescent probe for vapor-phase hydrazine detection and bioimaging in a complete aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121406.	3.9	13
20	Perylenequinone-based fluorescent probe for hydrogen sulfide with high sensitivity in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 218, 206-212.	3.9	9
21	2-aryloxybenzo[d]oxazoles as deep blue solid-state emitters: Synthesis, aggregation-induced emission properties and crystal structure. <i>Dyes and Pigments</i> , 2021, 187, 109127.	3.7	9
22	Highly emissive dimethylamino naphthalenyl phenylethene derivatives for visualization of latent fingerprints and imaging of lysosomes. <i>Dyes and Pigments</i> , 2022, 205, 110534.	3.7	9
23	Dimethylamino naphthalene-based fluorescent probes for hydrogen sulfide detection and living cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117835.	3.9	8
24	Efficient deep blue emission by 4-styrylbenzotrile derivatives in solid state: Synthesis, aggregation induced emission characteristics and crystal structures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120575.	3.9	7
25	Ultrafine CoPt <sub>3</sub> nanoparticles encapsulated in nitrogen-doped carbon nanospheres for efficient water electrolysis. <i>Electrochemical Science Advances</i> , 2022, 2, e2100082.	2.8	0