

Qian-Yong Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5425358/publications.pdf>

Version: 2024-02-01

63
papers

2,071
citations

236612

25
h-index

243296

44
g-index

63
all docs

63
docs citations

63
times ranked

2094
citing authors

#	ARTICLE	IF	CITATIONS
1	Cuprophilic Interactions in Luminescent Copper(I) Clusters with Bridging Bis(dicyclohexylphosphino)methane and Iodide Ligands: Spectroscopic and Structural Investigations. <i>Chemistry - A European Journal</i> , 2004, 10, 2228-2236.	1.7	159
2	A facile one-pot Mannich reaction for the construction of fluorescent polymeric nanoparticles with aggregation-induced emission feature and their biological imaging. <i>Materials Science and Engineering C</i> , 2017, 81, 416-421.	3.8	153
3	Microwave-assisted multicomponent reactions for rapid synthesis of AIE-active fluorescent polymeric nanoparticles by post-polymerization method. <i>Materials Science and Engineering C</i> , 2017, 80, 578-583.	3.8	141
4	Facile fabrication of luminescent polymeric nanoparticles containing dynamic linkages via a one-pot multicomponent reaction: Synthesis, aggregation-induced emission and biological imaging. <i>Materials Science and Engineering C</i> , 2017, 80, 708-714.	3.8	131
5	Preparation of AIE-active fluorescent polymeric nanoparticles through a catalyst-free thiol-yne click reaction for bioimaging applications. <i>Materials Science and Engineering C</i> , 2017, 80, 411-416.	3.8	125
6	Facile construction and biological imaging of cross-linked fluorescent organic nanoparticles with aggregation-induced emission feature through a catalyst-free azide-alkyne click reaction. <i>Dyes and Pigments</i> , 2018, 148, 52-60.	2.0	104
7	Ferrocene-Appended Aryl Triazole for Electrochemical Recognition of Phosphate Ions. <i>Organic Letters</i> , 2011, 13, 4386-4389.	2.4	82
8	AIE based GSH activatable photosensitizer for imaging-guided photodynamic therapy. <i>Chemical Communications</i> , 2020, 56, 10317-10320.	2.2	71
9	A novel polynorbornene-based chemosensor for the fluorescence sensing of Zn ²⁺ and Cd ²⁺ and subsequent detection of pyrophosphate in aqueous solutions. <i>Dalton Transactions</i> , 2015, 44, 7470-7476.	1.6	65
10	Facile fabrication of organic dyed polymer nanoparticles with aggregation-induced emission using an ultrasound-assisted multicomponent reaction and their biological imaging. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 137-144.	5.0	64
11	A self-assembled amphiphilic imidazolium-based ATP probe. <i>Chemical Communications</i> , 2017, 53, 4342-4345.	2.2	50
12	A new ferrocene- <i>anthracene</i> dyad for dual-signaling sensing of Cu(II) and Hg(II). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 315, 67-75.	2.0	45
13	Fluorescent norbornene for sequential detection of mercury and biothiols. <i>Dyes and Pigments</i> , 2020, 172, 107872.	2.0	45
14	Ultrafast construction and biological imaging applications of AIE-active sodium alginate-based fluorescent polymeric nanoparticles through a one-pot microwave-assisted Diels-Alder reaction. <i>Dyes and Pigments</i> , 2018, 153, 99-105.	2.0	39
15	A pyrenyl-appended organogel for fluorescence sensing of anions. <i>Dyes and Pigments</i> , 2017, 139, 681-687.	2.0	38
16	Anion Responsive TTF-Appended Calix[4]arenes. Synthesis and Study of Two Different Conformers. <i>Journal of Organic Chemistry</i> , 2011, 76, 870-874.	1.7	37
17	Ferrocene-based novel electrochemical chemodosimeter for mercury ion recognition. <i>Tetrahedron Letters</i> , 2011, 52, 2786-2789.	0.7	37
18	Ferrocene-based anion receptor bearing amide and triazolium donor groups. <i>Analyst</i> , 2012, 137, 4454.	1.7	35

#	ARTICLE	IF	CITATIONS
19	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg ²⁺ Ions and Biothiols in Live Cells. ACS Applied Bio Materials, 2018, 1, 871-878.	2.3	30
20	A new pyrenyl-appended triazole for fluorescent recognition of Hg ²⁺ ion in aqueous solution. Dyes and Pigments, 2013, 99, 798-802.	2.0	29
21	A novel anthracene-appended triazolium for fluorescent sensing to H^+ . Tetrahedron Letters, 2013, 54, 3933-3936.	0.7	29
22	A new ferrocene-anthracene dyad bearing amide and triazolium donors for dual-signaling sensing to anions. Tetrahedron Letters, 2014, 55, 248-251.	0.7	28
23	A Pyrene-functionalized Polynorbornene for Ratiometric Fluorescence Sensing of Pyrophosphate. Chemistry - an Asian Journal, 2016, 11, 687-690.	1.7	28
24	Linear tetraphenylethene-appended bis-imidazolium salts for sensing of ATP. Dyes and Pigments, 2019, 166, 233-238.	2.0	26
25	New 2,2':6''-terpyridines as colorimetric and fluorescent sensors for fluoride ions. RSC Advances, 2014, 4, 4041-4046.	1.7	25
26	Fabrication of multifunctional fluorescent organic nanoparticles with AIE feature through photo-initiated RAFT polymerization. Polymer Chemistry, 2017, 8, 7390-7399.	1.9	25
27	An amphiphilic pyrene-based probe for multiple channel sensing of mercury ions. Journal of Luminescence, 2018, 203, 189-194.	1.5	24
28	Ultrafast microwave-assisted multicomponent tandem polymerization for rapid fabrication of AIE-active fluorescent polymeric nanoparticles and their potential utilization for biological imaging. Materials Science and Engineering C, 2018, 83, 115-120.	3.8	23
29	Pyrenyl-functionalized ferrocenes for multisignaling recognition of anions. New Journal of Chemistry, 2015, 39, 8087-8092.	1.4	21
30	Ferrocene-containing macrocyclic triazoles for the electrochemical sensing of dihydrogen phosphate anion. Inorganica Chimica Acta, 2016, 449, 31-37.	1.2	21
31	Pyrophosphate-triggered nanoaggregates with aggregation-induced emission. Sensors and Actuators B: Chemical, 2017, 251, 617-623.	4.0	21
32	Fabrication of AIE-active fluorescent polymeric nanoparticles with red emission through a facile catalyst-free amino-yne click polymerization. Dyes and Pigments, 2018, 151, 123-129.	2.0	20
33	Ferrocene-based novel electrochemical In ³⁺ sensor. Tetrahedron Letters, 2011, 52, 4464-4467.	0.7	18
34	A new naphthalene-containing triazolophane for fluorescence sensing of mercury(II) ion. Inorganica Chimica Acta, 2014, 423, 163-167.	1.2	18
35	A hydroxyquinoline-base nanoprobe for fluorescent sensing of Hg ²⁺ ion in aqueous solution. Inorganica Chimica Acta, 2018, 474, 128-133.	1.2	18
36	Nanomolar detection of adenosine triphosphate (ATP) using a nanostructured fluorescent chemosensing ensemble. Chemical Communications, 2019, 55, 14135-14138.	2.2	17

#	ARTICLE	IF	CITATIONS
37	New ferrocene-pyrene dyads bearing amide/thiourea hybrid donors for anion recognition. <i>Inorganica Chimica Acta</i> , 2018, 483, 425-430.	1.2	16
38	Novel luminescent europium(III) complexes covalently bonded to bis(phosphino)amine oxide functionalized MCM-41. <i>Inorganic Chemistry Communication</i> , 2009, 12, 48-51.	1.8	15
39	â€Cleft-formâ€™™ electrochemical anion chemosensor with amide and triazole donor groups. <i>Tetrahedron Letters</i> , 2012, 53, 4917-4920.	0.7	15
40	AIE-active self-assemblies from a catalyst-free thiol-yne click reaction and their utilization for biological imaging. <i>Materials Science and Engineering C</i> , 2018, 92, 61-68.	3.8	15
41	Rhodamine-anchored poly(norbornene) for fluorescent sensing of ATP. <i>Dyes and Pigments</i> , 2021, 189, 109245.	2.0	15
42	A Tetraphenylethylene-Based Aggregation-Induced Emission Probe for Fluorescence Turn-on Detection of Lipopolysaccharide in Injectable Water with Sensitivity Down to Picomolar. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 8252-8258.	1.8	14
43	Synthesis and characterization of ferrocenyl-acridine dyads and their multiresponse to proton and metal cations. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1323-1327.	0.8	13
44	A new dinuclear ferrocene with amideâ€™thiourea binding sites for dual electrochemical sensing to Hg(II) and anions. <i>Inorganica Chimica Acta</i> , 2014, 419, 147-151.	1.2	11
45	A new poly(norbornene)-based sensor for fluorescent ratiometric sensing of adenosine 5â€™-triphosphate. <i>Dyes and Pigments</i> , 2022, 200, 110187.	2.0	11
46	Quinoline-functionalized norbornene for fluorescence recognition of metal ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 305, 11-18.	2.0	10
47	Synthesis of fluorescent dendrimers with aggregation-induced emission features through a one-pot multi-component reaction and their utilization for biological imaging. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 327-333.	5.0	10
48	A perylenebisimideâ€™tetraphenylethene dyad for sensing of phosphate anions. <i>Dyes and Pigments</i> , 2019, 168, 205-211.	2.0	10
49	Direct grafting of cellulose nanocrystals with poly(ionic liquids) via Gamma-ray irradiation and their utilization for adsorptive removal of CR. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 1029-1037.	3.6	10
50	Cleft-type imidazoliums for sensing of sulfate and polyphosphate anions with AIE emission. <i>Dyes and Pigments</i> , 2020, 181, 108553.	2.0	9
51	Amideâ€™Triazoliumâ€™Appended Anthracenes for Turnâ€™On Fluorescence Sensing of Anions in Noncompetitive and Competitive Solvents. <i>ChemPlusChem</i> , 2016, 81, 406-413.	1.3	8
52	A novel self-catalyzed photoATRP strategy for preparation of fluorescent hydroxyapatite nanoparticles and their biological imaging. <i>Applied Surface Science</i> , 2018, 434, 1129-1136.	3.1	8
53	A new ferrocenophane with amide and triazole donors for recognition of dihydrogenphosphate anion. <i>Journal of Organometallic Chemistry</i> , 2018, 871, 74-78.	0.8	6
54	Synthesis and Structural Characterization of two Novel Copper(I) Complexes with Oxygen Donor. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 176-179.	0.6	5

#	ARTICLE	IF	CITATIONS
55	Synthesis, characterization, spectroscopic and electrochemical properties of new mono- and binuclear copper(I) complexes with substituted 2,2'-bipyridine. <i>Chinese Journal of Chemistry</i> , 2004, 22, 1283-1287.	2.6	5
56	A new click-derived tripodal receptor for fluorescence recognition of Ni ²⁺ in aqueous solution. <i>Inorganica Chimica Acta</i> , 2016, 451, 111-115.	1.2	5
57	Aminoquinoline-anchored polynorbornene for sequential fluorescent sensing of Zn ²⁺ and ATP. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120771.	2.0	5
58	A new imidazolium/sulfonamide linked ferrocene-dansyl dyad for dual-channel recognition of anion. <i>Inorganica Chimica Acta</i> , 2021, 514, 120026.	1.2	4
59	Fluorescent triazolium for sensing fluoride anions in semi-aqueous solution. <i>RSC Advances</i> , 2017, 7, 43950-43956.	1.7	3
60	Pyridinium-conjugated polynorbornenes for nanomolar ATP sensing using an indicator displacement assay and a PET strategy. <i>Chemical Communications</i> , 2021, 57, 13530-13533.	2.2	3
61	Unprecedented 1D Mixed-metal Polynuclear Cyclometalated Platinum Complexes: Synthesis, Structural Characterization and Spectroscopic Properties. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1821-1826.	2.6	1
62	Violet-blue- or pure-blue-emitting triphenylamine derivatives: synthesis and properties. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1043-1047.	0.6	1
63	Self-assemble nanostructured ensembles for detection of guanosine triphosphate based on receptor structure modulated sensitivity and selectivity. <i>Sensors and Actuators B: Chemical</i> , 2022, 368, 132091.	4.0	1