

Qian-Yong Cao

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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.

61
papers

1,769
citations

23
h-index

41
g-index

63
ext. papers

1,930
ext. citations

4.6
avg, IF

4.85
L-index

#	Paper	IF	Citations
61	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, 2228-36	4.8	150
60	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	8.3	144
59	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	8.3	133
58	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	8.3	124
57	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	8.3	120
56	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	4.6	92
55	Ferrocene-appended aryl triazole for electrochemical recognition of phosphate ions. <i>Organic Letters</i> , 2011 , 13, 4386-9	6.2	77
54	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	9.3	58
53	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, 7470-6	4.3	58
52	A self-assembled amphiphilic imidazolium-based ATP probe. <i>Chemical Communications</i> , 2017 , 53, 4342-4345	3.85	44
51	A new ferrocene- π -anthracene dyad for dual-signaling sensing of Cu(II) and Hg(II). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 315, 67-75	4.7	37
50	Ferrocene-based novel electrochemical chemodosimeter for mercury ion recognition. <i>Tetrahedron Letters</i> , 2011 , 52, 2786-2789	2	36
49	Anion responsive TTF-appended calix[4]arenes. Synthesis and study of two different conformers. <i>Journal of Organic Chemistry</i> , 2011 , 76, 870-4	4.2	35
48	Ferrocene-based anion receptor bearing amide and triazolium donor groups. <i>Analyst</i> , 2012 , 137, 4454-7	5	34
47	Ultrafast construction and biological imaging applications of AIE-active sodium alginate-based fluorescent polymeric nanoparticles through a one-pot microwave-assisted DB π ner reaction. <i>Dyes and Pigments</i> , 2018 , 153, 99-105	4.6	32
46	Fluorescent norbornene for sequential detection of mercury and biothiols. <i>Dyes and Pigments</i> , 2020 , 172, 107872	4.6	31
45	A pyrenyl-appended organogel for fluorescence sensing of anions. <i>Dyes and Pigments</i> , 2017 , 139, 681-687	4.6	30

44	A novel anthracene-appended triazolium for fluorescent sensing to H ₂ PO ₄ ⁻ . <i>Tetrahedron Letters</i> , 2013 , 54, 3933-3936	2	29
43	A new pyrenyl-appended triazole for fluorescent recognition of Hg ²⁺ ion in aqueous solution. <i>Dyes and Pigments</i> , 2013 , 99, 798-802	4.6	27
42	AIE based GSH activatable photosensitizer for imaging-guided photodynamic therapy. <i>Chemical Communications</i> , 2020 , 56, 10317-10320	5.8	26
41	A new ferrocene- π -anthracene dyad bearing amide and triazolium donors for dual-signaling sensing to anions. <i>Tetrahedron Letters</i> , 2014 , 55, 248-251	2	25
40	New 2,2':6',2''-terpyridines as colorimetric and fluorescent sensors for fluoride ions. <i>RSC Advances</i> , 2014 , 4, 4041-4046	3.7	24
39	A Pyrene-functionalized Polynorbornene for Ratiometric Fluorescence Sensing of Pyrophosphate. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 687-90	4.5	24
38	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg Ions and Biothiols in Live Cells.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 871-878	4.1	23
37	Fabrication of multifunctional fluorescent organic nanoparticles with AIE feature through photo-initiated RAFT polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 7390-7399	4.9	21
36	Pyrophosphate-triggered nanoaggregates with aggregation-induced emission. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 617-623	8.5	19
35	Linear tetraphenylethene-appended bis-imidazolium salts for sensing of ATP. <i>Dyes and Pigments</i> , 2019 , 166, 233-238	4.6	19
34	Fabrication of AIE-active fluorescent polymeric nanoparticles with red emission through a facile catalyst-free amino-yne click polymerization. <i>Dyes and Pigments</i> , 2018 , 151, 123-129	4.6	19
33	Ultrafast microwave-assisted multicomponent tandem polymerization for rapid fabrication of AIE-active fluorescent polymeric nanoparticles and their potential utilization for biological imaging. <i>Materials Science and Engineering C</i> , 2018 , 83, 115-120	8.3	19
32	Pyrenyl-functionalized ferrocenes for multisignaling recognition of anions. <i>New Journal of Chemistry</i> , 2015 , 39, 8087-8092	3.6	17
31	Ferrocene-containing macrocyclic triazoles for the electrochemical sensing of dihydrogen phosphate anion. <i>Inorganica Chimica Acta</i> , 2016 , 449, 31-37	2.7	17
30	A new naphthalene-containing triazolophane for fluorescence sensing of mercury(II) ion. <i>Inorganica Chimica Acta</i> , 2014 , 423, 163-167	2.7	16
29	Ferrocene-based novel electrochemical In ³⁺ sensor. <i>Tetrahedron Letters</i> , 2011 , 52, 4464-4467	2	16
28	An amphiphilic pyrene-based probe for multiple channel sensing of mercury ions. <i>Journal of Luminescence</i> , 2018 , 203, 189-194	3.8	15
27	A hydroxyquinoline-base nanoprobe for fluorescent sensing of Hg ²⁺ ion in aqueous solution. <i>Inorganica Chimica Acta</i> , 2018 , 474, 128-133	2.7	14

26	Cleft-form electrochemical anion chemosensor with amide and triazole donor groups. <i>Tetrahedron Letters</i> , 2012 , 53, 4917-4920	2	14
25	New ferrocene-pyrene dyads bearing amide/thiourea hybrid donors for anion recognition. <i>Inorganica Chimica Acta</i> , 2018 , 483, 425-430	2.7	14
24	Novel luminescent europium(III) complexes covalently bonded to bis(phosphino)amine oxide functionalized MCM-41. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 48-51	3.1	13
23	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	2.3	13
22	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	8.3	12
21	Nanomolar detection of adenosine triphosphate (ATP) using a nanostructured fluorescent chemosensing ensemble. <i>Chemical Communications</i> , 2019 , 55, 14135-14138	5.8	10
20	A perylenebisimide-tetraphenylethene dyad for sensing of phosphate anions. <i>Dyes and Pigments</i> , 2019 , 168, 205-211	4.6	9
19	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	9.3	9
18	A new dinuclear ferrocene with amide-thiourea binding sites for dual electrochemical sensing to Hg(II) and anions. <i>Inorganica Chimica Acta</i> , 2014 , 419, 147-151	2.7	9
17	Quinoline-functionalized norbornene for fluorescence recognition of metal ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 305, 11-18	4.7	8
16	Amide-Triazolium-Appended Anthracenes for Turn-On Fluorescence Sensing of Anions in Noncompetitive and Competitive Solvents. <i>ChemPlusChem</i> , 2016 , 81, 406-413	2.8	7
15	A new ferrocenophane with amide and triazole donors for recognition of dihydrogenphosphate anion. <i>Journal of Organometallic Chemistry</i> , 2018 , 871, 74-78	2.3	6
14	Cleft-type imidazoliums for sensing of sulfate and polyphosphate anions with AIE emission. <i>Dyes and Pigments</i> , 2020 , 181, 108553	4.6	6
13	Rhodamine-anchored poly(norbornene) for fluorescent sensing of ATP. <i>Dyes and Pigments</i> , 2021 , 189, 109245	4.6	6
12	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	3.9	6
11	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	6.7	6
10	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	1.3	5
9	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> , 2010 , 22, 1283-1287	4.9	4

- 8 Fluorescent triazolium for sensing fluoride anions in semi-aqueous solution. *RSC Advances*, **2017**, 7, 43950-43956
- 7 A new click-derived tripodal receptor for fluorescence recognition of Ni²⁺ in aqueous solution. *Inorganica Chimica Acta*, **2016**, 451, 111-115 2.7 2
- 6 Unprecedented 1D Mixed-metal Polynuclear Cyclometalated Platinum Complexes: Synthesis, Structural Characterization and Spectroscopic Properties. *Chinese Journal of Chemistry*, **2007**, 25, 1821-1826 4.9 1
- 5 A new imidazolium/sulfonamide linked ferrocene-dansyl dyad for dual-channel recognition of anion. *Inorganica Chimica Acta*, **2021**, 514, 120026 2.7 1
- 4 Aminoquinoline-anchored polynorbornene for sequential fluorescent sensing of Zn and ATP.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 269, 120771 4.4 0
- 3 A new poly(norbornene)-based sensor for fluorescent ratiometric sensing of adenosine 5'-triphosphate. *Dyes and Pigments*, **2022**, 200, 110187 4.6 0
- 2 Self-assemble nanostructured ensembles for detection of guanosine triphosphate based on receptor structure modulated sensitivity and selectivity. *Sensors and Actuators B: Chemical*, **2022**, 132091 8.5 0
- 1 Violet-blue- or pure-blue-emitting triphenylamine derivatives: synthesis and properties. *Canadian Journal of Chemistry*, **2013**, 91, 1043-1047 0.9