

# You-Ming Zhang

## List of Publications by Citations

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193  
papers

4,145  
citations

33  
h-index

54  
g-index

201  
ext. papers

4,825  
ext. citations

4.3  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
193	Rationally introduce multi-competitive binding interactions in supramolecular gels: a simple and efficient approach to develop multi-analyte sensor array. <i>Chemical Science</i> , <b>2016</b> , 7, 5341-5346	9.4	255
192	A novel supramolecular metallogel-based high-resolution anion sensor array. <i>Chemical Communications</i> , <b>2015</b> , 51, 1635-8	5.8	179
191	Iodine Controlled Pillar[5]arene-Based Multiresponsive Supramolecular Polymer for Fluorescence Detection of Cyanide, Mercury, and Cysteine. <i>Macromolecules</i> , <b>2017</b> , 50, 7863-7871	5.5	176
190	A novel smart organogel which could allow a two channel anion response by proton controlled reversible sol-gel transition and color changes. <i>Chemical Communications</i> , <b>2009</b> , 6074-6	5.8	136
189	Pillararene-based fluorescent chemosensors: recent advances and perspectives. <i>Chemical Communications</i> , <b>2017</b> , 53, 13296-13311	5.8	126
188	Pillar[5]arene-Based Supramolecular Organic Framework with Multi-Guest Detection and Recyclable Separation Properties. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 777-783	4.8	116
187	Reaction-based ratiometric chemosensor for instant detection of cyanide in water with high selectivity and sensitivity. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 3015-21	4.5	82
186	Double metal ions competitively control the guest-sensing process: a facile approach to stimuli-responsive supramolecular gels. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11457-62	4.8	79
185	A novel supramolecular polymer gel based on naphthalimide functionalized-pillar[5]arene for the fluorescence detection of Hg and I and recyclable removal of Hg via cation- $\pi$ interactions. <i>Soft Matter</i> , <b>2017</b> , 13, 7085-7089	3.6	73
184	Competition of cation- $\pi$ and exo-wall $\pi$ - $\pi$ interactions: a novel approach to achieve ultrasensitive response. <i>Chemical Communications</i> , <b>2018</b> , 54, 4549-4552	5.8	70
183	A highly selective colorimetric chemosensor for detection of nickel ions in aqueous solution. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1418-1423	3.6	69
182	Anion induced supramolecular polymerization: a novel approach for the ultrasensitive detection and separation of F. <i>Chemical Communications</i> , <b>2019</b> , 55, 3247-3250	5.8	60
181	A novel strategy for the design of smart supramolecular gels: controlling stimuli-response properties through competitive coordination of two different metal ions. <i>Chemical Communications</i> , <b>2014</b> , 50, 10669-71	5.8	56
180	Novel bispillar[5]arene-based AIEgen and its application in mercury(II) detection. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 272, 139-145	8.5	54
179	A novel functionalized pillar[5]arene-based selective amino acid sensor for L-tryptophan. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 210-213	5.2	52
178	1,8-Naphthalimide-based fluorescent chemosensors: recent advances and perspectives. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 13501-13529	7.1	51
177	A colorimetric and reversible fluorescent chemosensor for Ag <sup>+</sup> in aqueous solution and its application in IMPLICATION logic gate. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 239, 671-678	8.5	50

176	A colorimetric and Turn-on Fluorimetric chemosensor for the selective detection of cyanide and its application in food samples. <i>RSC Advances</i> , <b>2016</b> , 6, 100401-100406	3.7	48
175	A novel AIE chemosensor based on quinoline functionalized Pillar[5]arene for highly selective and sensitive sequential detection of toxic Hg <sup>2+</sup> and CN <sup>-</sup> . <i>Dyes and Pigments</i> , <b>2019</b> , 164, 279-286	4.6	47
174	Rationally designed anion-responsive-organogels: sensing F <sup>-</sup> via reversible color changes in gel-gel states with specific selectivity. <i>Soft Matter</i> , <b>2014</b> , 10, 5715-23	3.6	47
173	A reversible fluorescent chemosensor for iron ions based on 1H-imidazo [4,5-b] phenazine derivative. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 213, 501-507	8.5	46
172	Pillar[5]arene-based multifunctional supramolecular hydrogel: multistimuli responsiveness, self-healing, fluorescence sensing, and conductivity. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 999-1003	7.8	46
171	Tri-pillar[5]arene-based multi-stimuli-responsive supramolecular polymers for fluorescence detection and separation of Hg <sup>2+</sup> . <i>Polymer Chemistry</i> , <b>2018</b> , 9, 4625-4630	4.9	44
170	Spongy Materials Based on Supramolecular Polymer Networks for Detection and Separation of Broad-Spectrum Pollutants. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 14775-14784	8.3	44
169	A colorimetric and fluorescent cyanide chemosensor based on dicyanovinyl derivatives: utilization of the mechanism of intramolecular charge transfer blocking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 136 Pt B, 1047-51	4.4	41
168	Ultrasensitive Detection of Formaldehyde in Gas and Solutions by a Catalyst Preplaced Sensor Based on a Pillar[5]arene Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 8775-8781	8.3	41
167	Construction of stimuli-responsive supramolecular gel via bispillar[5]arene-based multiple interactions. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2005-2009	4.9	39
166	A rational designed fluorescent and colorimetric dual-channel sensor for cyanide anion based on the PET effect in aqueous medium. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 430-437	8.5	39
165	A highly selective fluorescent chemosensor for iron ion based on 1H-imidazo [4,5-b] phenazine derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 121, 514-9	4.4	38
164	A "keto-enol tautomerization"-based response mechanism: a novel approach to stimuli-responsive supramolecular gel. <i>Chemical Communications</i> , <b>2015</b> , 51, 12224-7	5.8	37
163	Supramolecular Aggregation-Induced Emission Gels Based on Pillar[5]arene for Ultrasensitive Detection and Separation of Multianalytes. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16597-16606	8.3	37
162	A pillar[5]arene-based multiple-stimuli responsive metal-organic gel was constructed for facile removal of mercury ions. <i>Soft Matter</i> , <b>2017</b> , 13, 5214-5218	3.6	35
161	Competitive coordination control of the AIE and micro states of supramolecular gel: an efficient approach for reversible dual-channel stimuli-response materials. <i>Soft Matter</i> , <b>2014</b> , 10, 8427-32	3.6	34
160	A recyclable probe for highly selective and sensitive detection of cyanide anion in aqueous medium by fluorescent and colorimetric changes. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 232, 115-124	8.5	32
159	An easy-to-make strong white AIE supramolecular polymer as a colour tunable photoluminescence material. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 13331-13335	7.1	31

158	Novel functionalized pillar[5]arene: synthesis, assembly and application in sequential fluorescent sensing for Fe <sup>3+</sup> and F <sup>-</sup> in aqueous media. <i>RSC Advances</i> , <b>2016</b> , 6, 20987-20993	3.7	30
157	Super metal hydrogels constructed from a simple tripodal gelator and rare earth metal ions and its application in highly selective and ultrasensitive detection of histidine. <i>Soft Matter</i> , <b>2019</b> , 15, 999-1004	3.6	29
156	Novel pillar[5]arene-based supramolecular organic framework gel for ultrasensitive response Fe and F in water. <i>Materials Science and Engineering C</i> , <b>2019</b> , 100, 62-69	8.3	29
155	A novel supramolecular organogel based on acylhydrazone functionalized pillar[5]arene acts as an I responsive smart material. <i>Soft Matter</i> , <b>2017</b> , 13, 7222-7226	3.6	29
154	Pillararene-based AIEgens: research progress and appealing applications. <i>Chemical Communications</i> , <b>2021</b> , 57, 284-301	5.8	29
153	A novel supramolecular polymer gel based on bis-naphthalimide functionalized-pillar[5]arene for fluorescence detection and separation of aromatic acid isomers. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 253-259	4.9	28
152	A novel supramolecular AIE gel acts as a multi-analyte sensor array. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 18059-18065	3.6	28
151	A novel imidazophenazine-based metallo gel act as reversible H <sub>2</sub> PO <sub>4</sub> <sup>3-</sup> sensor and rewritable fluorescent display material. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 251, 250-255	8.5	27
150	A simple chemosensor for the dual-channel detection of cyanide in water with high selectivity and sensitivity. <i>RSC Advances</i> , <b>2016</b> , 6, 27130-27135	3.7	27
149	Multi-stimuli responsive metal-organic gel of benzimidazol-based ligands with lead nitrate and their use in removal of dyes from waste-water. <i>Chinese Chemical Letters</i> , <b>2013</b> , 24, 703-706	8.1	25
148	A turn-on fluorescent chemosensor selectively detects cyanide in pure water and food sample. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 2767-2771	2	25
147	Novel multi-analyte responsive ionic supramolecular gels based on pyridinium functionalized-naphthalimide. <i>Soft Matter</i> , <b>2017</b> , 13, 7360-7364	3.6	24
146	A tripodal supramolecular sensor to successively detect picric acid and CN <sup>-</sup> through guest competitive controlled AIE. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2030-2036	3.6	23
145	Rationally designed supramolecular organogel dual-channel sense F <sup>-</sup> under gel states via ion-controlled AIE. <i>Dyes and Pigments</i> , <b>2015</b> , 113, 748-753	4.6	23
144	A highly selective PET-based chemosensor for instant detecting of Zn <sup>2+</sup> . <i>RSC Advances</i> , <b>2014</b> , 4, 35797	3.7	23
143	Cascade recognition of Cu <sup>2+</sup> and H <sub>2</sub> PO <sub>4</sub> <sup>3-</sup> with high sensitivity and selectivity in aqueous media based on the effect of ESIPT. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 242, 849-856	8.5	23
142	A dual-channel chemosensor could successively detect CN <sup>-</sup> and HSO <sub>4</sub> <sup>-</sup> in an aqueous solution and act as a keypad lock. <i>RSC Advances</i> , <b>2016</b> , 6, 43832-43837	3.7	23
141	A highly selective colorimetric chemosensor for detection of iodide ions in aqueous solution. <i>RSC Advances</i> , <b>2016</b> , 6, 86627-86631	3.7	22

140	A simple water-soluble phenazine dye for colorimetric/ fluorogenic dual-mode detection and removal of Cu <sup>2+</sup> in natural water and plant samples. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107707	4.6	22
139	A multi-stimuli responsive metallosupramolecular polypseudorotaxane gel constructed by self-assembly of a pillar[5]arene-based pseudo[3]rotaxane via zinc ion coordination and its application for highly sensitive fluorescence recognition of metal ions. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 5370-5376	4.9	22
138	A copillar[5]arene-based fluorescence "on-off-on" sensor is applied in sequential recognition of an iron cation and a fluoride anion. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2148-2153	3.6	21
137	A cationic water-soluble pillar[5]arene: synthesis and host-guest complexation with long linear acids. <i>RSC Advances</i> , <b>2015</b> , 5, 4958-4963	3.7	21
136	A novel pillar[5]arene-based supramolecular organic framework gel to achieve an ultrasensitive response by introducing the competition of cation-π interactions. <i>Soft Matter</i> , <b>2018</b> , 14, 3624-3631	3.6	21
135	A highly sensitive colorimetric chemodosimeter for cyanide anion by Michael addition based on a coumarin derivative. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 8607-8613	3.6	21
134	A turn-on fluorescent sensor for relay recognition of two ions: from a Fe <sup>3+</sup> -selective sensor to highly Zn <sup>2+</sup> -selective sensor by tuning electronic effects. <i>RSC Advances</i> , <b>2016</b> , 6, 35804-35808	3.7	21
133	Forming a water-soluble supramolecular polymer and an AIEE hydrogel: two novel approaches for highly sensitive detection and efficient adsorption of aldehydes. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 6489-6494	4.9	21
132	Phenazine derivatives for optical sensing: a review. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 11308-11339	3.1	20
131	A novel functionalized pillar[5]arene for forming a fluorescent switch and a molecular keypad. <i>RSC Advances</i> , <b>2016</b> , 6, 65898-65901	3.7	20
130	Colorimetric probes designed to provide high sensitivity and single selectivity for CN <sup>-</sup> in aqueous solution. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 7206-7210	3.6	19
129	A novel pillar[5]arene-based chemosensor for dual-channel detecting L-Arg by multiple supramolecular interactions. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107706	4.6	19
128	A highly selective and sensitive fluorescence "turn-on" fluoride ion sensor. <i>RSC Advances</i> , <b>2015</b> , 5, 11786-11790	3.7	19
127	Pillar[5]arene-based spongy supramolecular polymer gel and its properties in multi-responsiveness, dye sorption, ultrasensitive detection and separation of Fe. <i>Soft Matter</i> , <b>2019</b> , 15, 3241-3247	3.6	18
126	A novel pH sensor which could respond to multi-scale pH changes via different fluorescence emissions. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 4562-4565	3.6	18
125	A carboxylic acid functionalized benzimidazole-based supramolecular gel with multi-stimuli responsive properties. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 4940-4944	3.6	18
124	Aggregation-induced emission supramolecular organic framework (AIE SOF) gels constructed from tri-pillar[5]arene-based foldamer for ultrasensitive detection and separation of multi-analytes. <i>Soft Matter</i> , <b>2019</b> , 15, 6753-6758	3.6	18
123	A novel bis-component AIE smart gel with high selectivity and sensitivity to detect CN <sup>-</sup> , Fe and HPO <sub>4</sub> <sup>2-</sup> . <i>Soft Matter</i> , <b>2019</b> , 15, 6348-6352	3.6	18

122	Multi-stimuli-responsive supramolecular gel constructed by pillar[5]arene-based pseudorotaxanes for efficient detection and separation of multi-analytes in aqueous solution. <i>Soft Matter</i> , <b>2018</b> , 14, 8529-8536	3.6	18
121	A novel histidine-functionalized 1,8-naphthalimide-based fluorescent chemosensor for the selective and sensitive detection of Hg <sup>2+</sup> in water. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3303-3307	3.6	17
120	An easy prepared dual-channel chemosensor for selective and instant detection of fluoride based on double Schiff-base. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 167, 116-121	4.4	17
119	A silver-induced metal-organic gel based on biscarboxyl-functionalised benzimidazole derivative: stimuli responsive and dye sorption. <i>Supramolecular Chemistry</i> , <b>2014</b> , 26, 39-47	1.8	17
118	A bi-component supramolecular gel for selective fluorescence detection and removal of Hg in water. <i>Soft Matter</i> , <b>2019</b> , 15, 9547-9552	3.6	17
117	Phenazine-based colorimetric and fluorescent sensor for the selective detection of cyanides based on supramolecular self-assembly in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 175, 117-124	4.4	16
116	Tripodal naphthalimide assembled novel AIE supramolecular fluorescent sensor for rapid and selective detection of picric acid. <i>Dyes and Pigments</i> , <b>2020</b> , 181, 108563	4.6	16
115	A novel water soluble self-assembled supramolecular sensor based on pillar[5]arene for fluorescent detection CN <sup>-</sup> in water. <i>Tetrahedron</i> , <b>2017</b> , 73, 5307-5310	2.4	16
114	A highly selective fluorescent chemosensor for successive detection of Fe <sup>3+</sup> and CN <sup>-</sup> in pure water. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 489-496	1.8	15
113	Pillar[5]arene-based fluorescent polymer for selective detection and removal of mercury ions. <i>RSC Advances</i> , <b>2017</b> , 7, 47709-47714	3.7	15
112	Aggregation-Induced Emission Supramolecular Organic Framework (AIE SOF) Gels Constructed from Supramolecular Polymer Networks Based on Tripodal Pillar[5]arene for Fluorescence Detection and Efficient Removal of Various Analytes. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b>	8.3	15
111	Competition of Exo-wall $\pi$ - $\pi$ and Lone Pair-Interactions: A Viable Approach to Achieve Ultrasensitive Detection and Effective Removal of AsO <sub>2</sub> <sup>-</sup> in Water. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 5831-5836	8.3	15
110	Efficient sensing of fluoride ions in water using a novel water soluble self-assembled supramolecular sensor based on pillar[5]arene. <i>RSC Advances</i> , <b>2016</b> , 6, 111928-111933	3.7	15
109	Fluorescent "turn-on" detecting CN <sup>-</sup> by nucleophilic addition induced Schiff-base hydrolysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 141, 113-8	4.4	15
108	Thiourea Based Tweezer Anion Receptors for Selective Sensing of Fluoride Ions. <i>Chinese Journal of Chemistry</i> , <b>2007</b> , 25, 709-713	4.9	15
107	A cyanide-triggered hydrogen-bond-breaking deprotonation mechanism: fluorescent detection of cyanide using a thioacetohydrazone-functionalized bispillar[5]arene. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 1271-1275	3.6	15
106	Acylhydrazone functionalized benzimidazole-based metallogel for the efficient detection and separation of Cr. <i>Soft Matter</i> , <b>2018</b> , 14, 8390-8394	3.6	15
105	A bis-naphthalimide functionalized pillar[5]arene-based supramolecular gel acts as a multi-stimuli-responsive material. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 16167-16173	3.6	15

104	A novel water soluble chemosensor based on carboxyl functionalized NDI derivatives for selective detection and facile removal of mercury(II). <i>RSC Advances</i> , <b>2017</b> , 7, 11206-11210	3.7	14
103	Colorimetric and fluorescent chemosensor for highly selective and sensitive relay detection of Cu and HPO in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 182, 67-72	4.4	14
102	A novel AIE-based supramolecular polymer gel serves as an ultrasensitive detection and efficient separation material for multiple heavy metal ions. <i>Soft Matter</i> , <b>2019</b> , 15, 6878-6884	3.6	14
101	A water-soluble pillar[5]arene-based chemosensor for highly selective and sensitive fluorescence detection of L-methionine. <i>RSC Advances</i> , <b>2017</b> , 7, 34411-34414	3.7	14
100	Tri-pillar[5]arene-Based Multifunctional Stimuli-Responsive Supramolecular Polymer Network with Conductivity, Aggregation-Induced Emission, Thermochromism, Fluorescence Sensing, and Separation Properties. <i>Macromolecules</i> , <b>2021</b> , 54, 373-383	5.5	14
99	Transparency and AIE tunable supramolecular polymer hydrogel acts as TEA-HCl vapor controlled smart optical material. <i>Soft Matter</i> , <b>2020</b> , 16, 5734-5739	3.6	14
98	A self-assembled supramolecular gel constructed by phenazine derivative and its application in ultrasensitive detection of cyanide. <i>Dyes and Pigments</i> , <b>2020</b> , 174, 108066	4.6	14
97	Novel 2-(hydroxy)-naphthyl imino functionalized pillar[5]arene: a highly efficient supramolecular sensor for tandem fluorescence detection of Fe <sup>3+</sup> and F <sup>-</sup> and the facile separation of Fe <sup>3+</sup> . <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11548-11554	3.6	14
96	Highly selective and sensitive chemosensor based on 2,3-diaminophenazine hydrochloride for the detection of cyanide in pure water and its application in plant seed samples. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 14766-14771	3.6	13
95	Turn-on fluorescence sensing of cyanide ions in aqueous solution. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 35-38	8.1	13
94	Ratiometric fluorescent sensor based oxazolo-phenazine derivatives for detect hypochlorite via oxidation reaction and its application in environmental samples. <i>Dyes and Pigments</i> , <b>2020</b> , 172, 107765	4.6	13
93	Highly selective Fe and F/HPO sensor based on a water-soluble cationic pillar[5]arene with aggregation-induced emission characteristic. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 221, 117215	4.4	12
92	Novel cyanide supramolecular fluorescent chemosensor constructed from a quinoline hydrazone functionalized-pillar[5]arene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 220, 117136	4.4	12
91	A novel strong AIE bi-component hydrogel as a multi-functional supramolecular fluorescent material. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107745	4.6	12
90	A benzimidazole functionalized NDI derivative for recyclable fluorescent detection of cyanide in water. <i>RSC Advances</i> , <b>2017</b> , 7, 38458-38462	3.7	12
89	Novel tripodal-pillar[5]arene-based chemical sensor for efficient detection and removal paraquat by synergistic effect. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 327, 128885	8.5	12
88	A simple pincer-type chemosensor for reversible fluorescence turn-on detection of zinc ion at physiological pH range. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 4162-4167	3.6	11
87	A green synthesis of a simple chemosensor that could instantly detect cyanide with high selectivity in aqueous solution. <i>Chinese Chemical Letters</i> , <b>2013</b> , 24, 699-702	8.1	11

- 86 A novel self-assembled supramolecular sensor based on thiophene-functionalized imidazophenazine for dual-channel detection of Ag<sup>+</sup> in an aqueous solution. *RSC Advances*, **2017**, 7, 53439-53444
- 85 Nitrophenylfuran-benzimidazole-based reversible alkaline fluorescence switch accurately controlled by pH. *Sensors and Actuators B: Chemical*, **2015**, 219, 38-42 8.5 11
- 84 Synthesis and crystal structure of bis((Echloro)-chloro-[N-benzoyl-N'-(2-hydroxyethyl)thiourea] mercury(II)). *Journal of Coordination Chemistry*, **2005**, 58, 1675-1679 1.6 11
- 83 -(2-Aminoethyl)-2-(hexylthio) Acetamide-Functionalized Pillar[5]arene for the Selective Detection of L-Trp through Guest-Adaptive Multisupramolecular Interactions. *Journal of Physical Chemistry A*, **2020**, 124, 9811-9817 2.8 11
- 82 A highly selective colorimetric and Off-On fluorescence sensor for CN<sup>-</sup> based on Zn(salphenazine) complex. *Science China Chemistry*, **2017**, 60, 754-760 7.9 10
- 81 An azine-containing bispillar[5]arene-based multi-stimuli responsive supramolecular pseudopolyrotaxane gel for effective adsorption of rhodamine B. *Soft Matter*, **2019**, 15, 6836-6841 3.6 10
- 80 Novel fluorescent cyanide-selective chemosensor based on a functionalised pillar[5]arene copper(II) complex. *Supramolecular Chemistry*, **2017**, 29, 411-416 1.8 10
- 79 Pillar[5]arene-based supramolecular AIE hydrogel with white light emission for ultrasensitive detection and effective separation of multianalytes. *Polymer Chemistry*, **2020**, 11, 5455-5462 4.9 10
- 78 A novel water soluble pillar[5]arene and phenazine derivative self-assembled pseudorotaxane sensor for the selective detection of Hg<sup>2+</sup> and Ag<sup>+</sup> with high selectivity and sensitivity. *New Journal of Chemistry*, **2018**, 42, 10148-10152 3.6 9
- 77 A rhodamine-based dual chemosensor for the naked-eye detection of Hg and enhancement of the fluorescence emission for Fe. *Photochemical and Photobiological Sciences*, **2020**, 19, 1690-1696 4.2 9
- 76 A pillar[5]arene-based fluorescent sensor for sensitive detection of L-Met through a dual-site collaborative mechanism. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 240, 118569 4.4 8
- 75 A novel pillar[5]arene-based emission enhanced supramolecular sensor for dual-channel selective detection and separation of Hg<sup>2+</sup>. *New Journal of Chemistry*, **2020**, 44, 13157-13162 3.6 8
- 74 In Situ Generation of AgI Quantum Dots by the Confinement of A Supramolecular Polymer Network: A Novel Approach for Ultrasensitive Response. *Chemistry - an Asian Journal*, **2019**, 14, 3274-3278 4.5 8
- 73 Synthesis and Anion Recognition of Novel Molecular Tweezer Receptors Based on Carbonyl Thiosemicarbazide for Fluoride Ions. *Chinese Journal of Chemistry*, **2008**, 26, 1935-1938 4.9 8
- 72 A pillar[5]arene-based and OH<sup>-</sup> dependent dual-channel supramolecular chemosensor for recyclable CO<sub>2</sub> gas detection: High sensitive and selective off-on-off response. *Dyes and Pigments*, **2020**, 174, 108073 4.6 8
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