

## List of Publications by Citations

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227  
papers

4,939  
citations

37  
h-index

56  
g-index

236  
ext. papers

5,698  
ext. citations

4.3  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
227	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
226	A novel supramolecular metallogel-based high-resolution anion sensor array. <i>Chemical Communications</i> , <b>2015</b> , 51, 1635-8	5.8	179
225	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
224	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
223	Pillararene-based fluorescent chemosensors: recent advances and perspectives. <i>Chemical Communications</i> , <b>2017</b> , 53, 13296-13311	5.8	126
222	Highly selective fluorescent sensing for CN <sup>-</sup> in water: utilization of the supramolecular self-assembly. <i>Chemical Communications</i> , <b>2013</b> , 49, 7812-4	5.8	122
221	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
220	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
219	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
218	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-π interactions. <i>Soft Matter</i> , <b>2017</b> , 13, 7085-7089	3.6	73
217	Competition of cation-π and exo-wall π interactions: a novel approach to achieve ultrasensitive response. <i>Chemical Communications</i> , <b>2018</b> , 54, 4549-4552	5.8	70
216	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
215	Anion induced supramolecular polymerization: a novel approach for the ultrasensitive detection and separation of F <sup>-</sup> . <i>Chemical Communications</i> , <b>2019</b> , 55, 3247-3250	5.8	60
214	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
213	Functional supramolecular gels based on pillar[n]arene macrocycles. <i>Nanoscale</i> , <b>2020</b> , 12, 2180-2200	7.7	56
212	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
211	A highly selective and sensitive chemosensor for instant detection cyanide via different channels in aqueous solution. <i>Tetrahedron</i> , <b>2014</b> , 70, 1889-1894	2.4	52

210	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
209	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
208	Copillar[5]arene-based supramolecular polymer gels. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 4722	4.9	50
207	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
206	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
205	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
204	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
203	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
202	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
201	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
200	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
199	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
198	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
197	A reversible fluorescent chemosensor for mercury ions based on 1H-imidazo[4,5-b]phenazine derivatives. <i>Tetrahedron</i> , <b>2013</b> , 69, 7981-7987	2.4	40
196	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
195	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
194	A fluorescent and colorimetric chemosensor for dihydrogen phosphate ions based on 2-pyridine-1H-imidazo[4,5-b]phenazine-zinc ensemble. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 190, 555-561	8.5	39
193	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

192	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
191	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
190	A pillar[5]arene-based cyanide sensor bearing on a novel cyanide-induced self-assemble mechanism. <i>Dyes and Pigments</i> , <b>2016</b> , 127, 59-66	4.6	35
189	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
188	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
187	A highly selective dual-channel Hg <sup>2+</sup> chemosensor based on an easy to prepare double naphthalene Schiff base. <i>Science China Chemistry</i> , <b>2013</b> , 56, 612-618	7.9	34
186	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
185	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
184	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
183	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
182	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
181	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
180	Pillararene-based AIEgens: research progress and appealing applications. <i>Chemical Communications</i> , <b>2021</b> , 57, 284-301	5.8	29
179	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
178	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
177	A novel imidazophenazine-based metallogel 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
176	A simple Michael acceptor type quinoline derivative for highly selective sequential recognition of CN <sup>-</sup> and Cu <sup>2+</sup> in aqueous solution. <i>RSC Advances</i> , <b>2015</b> , 5, 49953-49957	3.7	27
175	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

174	Recognition of dihydrogen phosphate ions using the cadmium complex of 2-pyridine-1H-imidazo[4,5-b]phenazine: utilization of the mechanism of twisted intramolecular charge transfer, long wavelength emission. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3737	3.6	25
173	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
172	A highly selective dual-channel chemosensor for mercury ions: utilization of the mechanism of intramolecular charge transfer blocking. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 5075-5080	3.6	24
171	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
170	A tripodal supramolecular sensor to successively detect picric acid and $\text{CN}^-$ through guest competitive controlled AIE. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2030-2036	3.6	23
169	Rationally designed supramolecular organogel dual-channel sense $\text{F}^-$ under gel/gel states via ion-controlled AIE. <i>Dyes and Pigments</i> , <b>2015</b> , 113, 748-753	4.6	23
168	A highly selective PET-based chemosensor for instant detecting of $\text{Zn}^{2+}$ . <i>RSC Advances</i> , <b>2014</b> , 4, 35797	3.7	23
167	Cascade recognition of $\text{Cu}^{2+}$ and $\text{H}_2\text{PO}_4^-$ 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
166	A dual-channel chemosensor could successively detect $\text{CN}^-$ and $\text{HSO}_4^-$ in an aqueous solution and act as a keypad lock. <i>RSC Advances</i> , <b>2016</b> , 6, 43832-43837	3.7	23
165	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
164	A simple water-soluble phenazine dye for colorimetric/ fluorogenic dual-mode detection and removal of $\text{Cu}^{2+}$ in natural water and plant samples. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107707	4.6	22
163	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
162	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
161	A highly selective colorimetric and "off-on" fluorescent chemosensor for fluoride ions and its application as a molecular-scale logic device. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8797-8801	3.6	21
160	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
159	A novel pillar[5]arene-based supramolecular organic framework gel to achieve an ultrasensitive response by introducing the competition of cation/guest interactions. <i>Soft Matter</i> , <b>2018</b> , 14, 3624-3631	3.6	21
158	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
157	Selective Chemosensor of $\text{Fe}^{3+}$ Based on Fluorescence Quenching by 2,2'-Bisbenzimidazole Derivative in Aqueous Media. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 515-519	4.9	21

156	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
155	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
154	Phenazine derivatives for optical sensing: a review. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 11308-11339	3.1	20
153	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
152	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
151	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
150	A reversible fluorescent chemosensor for Fe <sup>3+</sup> and H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> with "on-off-on" switching in aqueous media. <i>Science China Chemistry</i> , <b>2014</b> , 57, 1257-1263	7.9	19
149	A highly selective and sensitive fluorescence "turn-on" fluoride ion sensor. <i>RSC Advances</i> , <b>2015</b> , 5, 11786-11790	3.7	19
148	A Fluorescent Chemosensor for Dihydrogen Phosphate Ion Based on 2-[2-Hydroxy-4-(diethylamino)phenyl]-1H-imidazo[4,5-b]phenazine-Fe <sup>3+</sup> Ensemble. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 1238-1244	4.9	19
147	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
146	Copillar[5]arene-based supramolecular polymer gel: controlling stimuli-response properties through a novel strategy with surfactant. <i>RSC Advances</i> , <b>2015</b> , 5, 60273-60278	3.7	18
145	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
144	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
143	A highly sensitive and selective "turn-on" fluorescence sensor for rapid detection of cyanide ions in aqueous solution. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 720-726	1.8	18
142	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
141	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
140	A Highly Selective Colorimetric Sensor for Cu <sup>2+</sup> Based on Phenolic Group Biscarbonyl Hydrazone. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 271-276	4.9	18
139	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

138	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
137	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
136	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
135	A highly selective colorimetric sensor for Hg <sup>2+</sup> based on a copper (II) complex of thiosemicarbazone in aqueous solutions. <i>Science China Chemistry</i> , <b>2013</b> , 56, 923-927	7.9	17
134	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
133	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
132	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
131	A reversible fluorescent chemosensor for the rapid detection of mercury ions (II) in water with high sensitivity and selectivity. <i>RSC Advances</i> , <b>2014</b> , 4, 61320-61323	3.7	16
130	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
129	Supramolecular polymer materials based on pillar[5]arene: Ultrasensitive detection and efficient removal of cyanide. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1231-1234	8.1	16
128	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
127	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
126	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
125	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
124	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
123	A rapid selective colorimetric and $\Delta n$ Fluorimetric sensor for detecting Cu <sup>2+</sup> ions in aqueous media based on a simple bis-schiff-base derivative. <i>Supramolecular Chemistry</i> , <b>2015</b> , 27, 471-477	1.8	15
122	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
121	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

120	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
119	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
118	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
117	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
116	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
115	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
114	Synthesis of Copillar[5]arene by Co-oligomerization of Different Monomers and Its Application to Supramolecular Polymer Gel. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 373-378	4.9	14
113	A Novel Highly Selective "Turn-On" Fluorescence Sensor for Silver Ions Based on Schiff Base. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 1255-1258	4.9	14
112	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
111	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
110	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
109	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
108	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
107	Turn-on fluorescence sensing of cyanide ions in aqueous solution. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 35-38	8.1	13
106	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
105	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
104	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
103	A novel naphthalimide-glutathione chemosensor for fluorescent detection of Fe <sup>3+</sup> and Hg <sup>2+</sup> in aqueous medium and its application. <i>Tetrahedron</i> , <b>2018</b> , 74, 4005-4012	2.4	12



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100	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
99	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
98	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
97	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
96	A novel self-assembled supramolecular sensor based on thiophene-functionalized imidazophenazine for dual-channel detection of Ag <sup>+</sup> in an aqueous solution. <i>RSC Advances</i> , <b>2017</b> , 7, 53439-53444	3.7	11
95	Nitrophenylfuran-benzimidazole-based reversible alkaline fluorescence switch accurately controlled by pH. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 219, 38-42	8.5	11
94	Novel smart supramolecular metallo-hydrogel that could selectively recognize and effectively remove Pb <sup>2+</sup> in aqueous solution. <i>Science China Chemistry</i> , <b>2012</b> , 55, 2554-2561	7.9	11
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89	A highly selective colorimetric and Off-On fluorescence sensor for CN <sup>-</sup> based on Zn(salphenazine) complex. <i>Science China Chemistry</i> , <b>2017</b> , 60, 754-760	7.9	10
88	An azine-containing bispillar[5]arene-based multi-stimuli responsive supramolecular pseudopolyrotaxane gel for effective adsorption of rhodamine B. <i>Soft Matter</i> , <b>2019</b> , 15, 6836-6841	3.6	10
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86	Pillar[5]arene-based supramolecular AIE hydrogel with white light emission for ultrasensitive detection and effective separation of multianalytes. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 5455-5462	4.9	10
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77	A Rational Designed Dual-channel Chemosensor for Mercury Ions Based on Hydrolysis of Schiff Base. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 637-644	4.9	8
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5	Novel tri-[2]rotaxane-based stimuli-responsive fluorescent nanoparticles and their guest controlled reversible morphological transformation properties. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 3863-3870	7.1	1
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