

Hong Yao

List of Publications by Year in Descending Order

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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.

178
papers

3,258
citations

29
h-index

46
g-index

186
ext. papers

3,872
ext. citations

4.4
avg, IF

5.64
L-index

#	Paper	IF	Citations
178	Regulation of conjugate rigid plane structures for achieving transformation of fluorescence recognition properties. <i>New Journal of Chemistry</i> , 2022 , 46, 2858-2862	3.6	1
177	Controllable self-assemblies of 2,2'-bibenzimidazole derivative: Detection and adsorption of heavy metal ion. <i>Dyes and Pigments</i> , 2022 , 198, 110021	4.6	1
176	A novel fluorescent chemosensor based on naphthofuran functionalized naphthalimide for highly selective and sensitive detecting Hg ²⁺ and CN ⁻ . <i>Journal of Luminescence</i> , 2022 , 244, 118722	3.8	3
175	Selective fluorescent detection toluene in water by a novel and simple tetra-hydrazone-biphenol-based chemosensor. <i>Dyes and Pigments</i> , 2022 , 203, 110342	4.6	
174	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> , 2021 , 54, 373-383	5.5	14
173	Tripodal aroyl hydrazone based AIE fluorescent sensor for relay detection Hg ²⁺ and Br ⁻ in living cells. <i>Dyes and Pigments</i> , 2021 , 191, 109389	4.6	2
172	A novel bis-acylhydrazone supramolecular gel and its application in ultrasensitive detection of CN ⁻ . <i>Dyes and Pigments</i> , 2021 , 186, 108949	4.6	6
171	Linear tri-pillar[5]arene-based acceptor for efficiently separate paraquat from water through collaboration effect. <i>Materials Science and Engineering C</i> , 2021 , 118, 111358	8.3	7
170	Stimuli-responsive supramolecular hydrogel with white AIE effect for ultrasensitive detection of Fe ³⁺ and as rewritable fluorescent materials. <i>Dyes and Pigments</i> , 2021 , 184, 108875	4.6	6
169	Novel tripodal-pillar[5]arene-based chemical sensor for efficient detection and removal paraquat by synergistic effect. <i>Sensors and Actuators B: Chemical</i> , 2021 , 327, 128885	8.5	12
168	Pillararene-based AIEgens: research progress and appealing applications. <i>Chemical Communications</i> , 2021 , 57, 284-301	5.8	29
167	A signal amplification strategy for ultrasensitive detecting H ₂ PO ₄ ³⁻ using metal coordinated supramolecular gel. <i>Journal of Molecular Liquids</i> , 2021 , 321, 114500	6	4
166	Fabrication of a luminescence-silent oxidation platform based on phenazine derivatives for monitoring and imaging ascorbic acid in living cells and real sample. <i>Sensors and Actuators B: Chemical</i> , 2021 , 329, 129170	8.5	3
165	Formation of a lead chalcogenide quantum dot-based supramolecular polymer network via pillar[5]arene-based host-guest complexation. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5833-5840	7.8	1
164	A mechanically self-locked gemini-[1]rotaxane-assembled microsphere and its properties on L-Arg controlled reversible morphology and fluorescence changes. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10347-10353	7.1	0
163	Theoretical and Experimental Insights into the Self-Assembly and Ion Response Mechanisms of Tripodal Quinolinamido-Based Supramolecular Organogels. <i>ChemPlusChem</i> , 2021 , 86, 146-154	2.8	1
162	A novel photochemical sensor based on quinoline-functionalized phenazine derivatives for multiple substrate detection. <i>New Journal of Chemistry</i> , 2021 , 45, 5040-5048	3.6	0

161	Synthesis, crystal structure of a novel metal-organic framework and its catalyzing properties on the selective oxidation of cyclohexene to cyclohexenone. <i>Inorganica Chimica Acta</i> , 2021 , 525, 120494	2.7	3
160	Acid-base regulation the reversible transformation of novel phenazine derivatives and serving as biomarker for tracing acidity change in living cell and mice. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130287	8.5	1
159	Novel tetra-arm chemosensor supply collaboration effect for highly sensitive fluorescent and colorimetric sensing of L-Arg. <i>Dyes and Pigments</i> , 2021 , 194, 109658	4.6	1
158	Novel tri-[2]rotaxane-based stimuli-responsive fluorescent nanoparticles and their guest controlled reversible morphological transformation properties. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3863-3870	7.1	1
157	formation of Hg-coordinated fluorescent nanoparticles through a supramolecular polymer network used for efficient Hg sensing and separation. <i>Nanoscale</i> , 2021 , 13, 9172-9176	7.7	4
156	A simple pillar[5]arene assembled multi-functional material with ultrasensitive sensing, self-healing, conductivity and host-guest stimuli-responsive properties. <i>Soft Matter</i> , 2021 , 17, 8308-8313	3.6	0
155	Fabrication of a solid sensor based on a phenazine derivative film for enhancing the sensing properties of biogenic amine and applying for monitoring shrimp freshness. <i>New Journal of Chemistry</i> , 2021 , 45, 11234-11244	3.6	2
154	Supramolecular AIE polymer-based rare earth metallogels for the selective detection and high efficiency removal of cyanide and perchlorate. <i>Polymer Chemistry</i> , 2021 , 12, 2001-2008	4.9	4
153	Metal-Free White Light-Emitting Fluorescent Material Based on Simple Pillar[5]arene-tripodal Amide System and Theoretical Insights on Its Assembly and Fluorescent Properties. <i>Langmuir</i> , 2020 , 36, 13469-13476	4	6
152	A pillar[5]arene-based supramolecular polymer network gel and its application in adsorption and removal of organic dye in water. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020 , 97, 137-145	1.7	3
151	A pillar[5]arene-based fluorescent sensor for sensitive detection of L-Met through a dual-site collaborative mechanism. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 240, 118569	4.4	8
150	A novel AIE chemosensor based on a coumarin functionalized pillar[5]arene for multi-analyte detection and application in logic gates. <i>New Journal of Chemistry</i> , 2020 , 44, 10885-10891	3.6	3
149	Tripodal naphthalimide assembled novel AIE supramolecular fluorescent sensor for rapid and selective detection of picric acid. <i>Dyes and Pigments</i> , 2020 , 181, 108563	4.6	16
148	Novel metallogel-based micro-acanthosphere material constructed from two tripodal gelators for efficient separation of organic dyes. <i>Materials Letters</i> , 2020 , 274, 128015	3.3	1
147	Stimuli-responsive supramolecular polymer network based on bi-pillar[5]arene for efficient adsorption of multiple organic dye contaminants. <i>New Journal of Chemistry</i> , 2020 , 44, 12531-12537	3.6	3
146	A novel pillar[5]arene-based emission enhanced supramolecular sensor for dual-channel selective detection and separation of Hg ²⁺ . <i>New Journal of Chemistry</i> , 2020 , 44, 13157-13162	3.6	8
145	Competition of Exo-wall and Lone Pair Interactions: A Viable Approach to Achieve Ultrasensitive Detection and Effective Removal of AsO ₂ ⁻ in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5831-5836	8.3	15
144	Novel fluorescent supramolecular polymer metallogel based on Al ³⁺ coordinated cross-linking of quinoline functionalized- pillar[5]arene act as multi-stimuli-responsive materials. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5519	3.1	2

143	Transparency and AIE tunable supramolecular polymer hydrogel acts as TEA-HCl vapor controlled smart optical material. <i>Soft Matter</i> , 2020 , 16, 5734-5739	3.6	14
142	Th tuned aggregation-induced emission: A novel strategy for sequential ultrasensitive detection and separation of Th and Hg. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 229, 117926	4.4	6
141	A pillar[5]arene-based and OH ⁻ dependent dual-channel supramolecular chemosensor for recyclable CO ₂ gas detection: High sensitive and selective off-on-off response. <i>Dyes and Pigments</i> , 2020 , 174, 108073	4.6	8
140	A fluorescent supramolecular gel and its application in the ultrasensitive detection of CN ⁻ by anion-π interactions. <i>Soft Matter</i> , 2020 , 16, 9876-9881	3.6	7
139	Pillar[5]arene-based supramolecular AIE hydrogel with white light emission for ultrasensitive detection and effective separation of multianalytes. <i>Polymer Chemistry</i> , 2020 , 11, 5455-5462	4.9	10
138	Research progress of redox-responsive supramolecular gel. <i>Supramolecular Chemistry</i> , 2020 , 32, 578-596	4.8	5
137	-2-Aminoethyl)-2-(hexylthio) Acetamide-Functionalized Pillar[5]arene for the Selective Detection of l-Trp through Guest-Adaptive Multisupramolecular Interactions. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 9811-9817	2.8	11
136	A novel nitrogen mustard functionalized tripodal AIE compound act as prodrug for fluorescent imaging and anticancer. <i>Journal of Luminescence</i> , 2020 , 227, 117546	3.8	3
135	Phenazine derivatives for optical sensing: a review. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 11308-11339	4.1	20
134	1,8-Naphthalimide-based fluorescent chemosensors: recent advances and perspectives. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13501-13529	7.1	51
133	Lanthanide-Mediated Cyclodextrin-Based Supramolecular Assembly-Induced Emission Xerogel Films: A Transparent Multicolor Photoluminescent Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 13048-13055	8.3	7
132	Supramolecular polymer materials based on pillar[5]arene: Ultrasensitive detection and efficient removal of cyanide. <i>Chinese Chemical Letters</i> , 2020 , 31, 1231-1234	8.1	16
131	Ratiometric fluorescent sensor based oxazolo-phenazine derivatives for detect hypochlorite via oxidation reaction and its application in environmental samples. <i>Dyes and Pigments</i> , 2020 , 172, 107765	4.6	13
130	A novel AIE chemosensor based on quinoline functionalized Pillar[5]arene for highly selective and sensitive sequential detection of toxic Hg ²⁺ and CN ⁻ . <i>Dyes and Pigments</i> , 2019 , 164, 279-286	4.6	47
129	A tripodal supramolecular sensor to successively detect picric acid and CN ⁻ through guest competitive controlled AIE. <i>New Journal of Chemistry</i> , 2019 , 43, 2030-2036	3.6	23
128	A novel supramolecular polymer hydrogel based on bis-naphthalimide functionalized-pillar[5]arene for fluorescence detection and separation of aromatic acid isomers. <i>Polymer Chemistry</i> , 2019 , 10, 253-259	4.9	28
127	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> , 2019 , 15, 999-1004	3.6	29
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> , 2019 , 7, 1171-1180	8.3	15

125	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> , 2019 , 221, 117215	4.4	12
124	Novel cyanide supramolecular fluorescent chemosensor constructed from a quinoline hydrazone functionalized-pillar[5]arene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 220, 117136	4.4	12
123	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> , 2019 , 15, 3241-3247	3.6	18
122	Novel pillar[5]arene-based supramolecular organic framework gel for ultrasensitive response Fe and F in water. <i>Materials Science and Engineering C</i> , 2019 , 100, 62-69	8.3	29
121	Rationally introduce AIE into chemosensor: A novel and efficient way to achieving ultrasensitive multi-guest sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 218, 263-270	4.4	5
120	Supramolecular hydrogel-based AIEgen: Construction and dual-channel recognition of negative charged dyes. <i>Dyes and Pigments</i> , 2019 , 167, 16-21	4.6	9
119	Spongy Materials Based on Supramolecular Polymer Networks for Detection and Separation of Broad-Spectrum Pollutants. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14775-14784	8.3	44
118	A novel supramolecular AIE gel for fluorescence detection and separation of metal ions from aqueous solution. <i>Soft Matter</i> , 2019 , 15, 6530-6535	3.6	3
117	A novel pillar[5]arene-based chemosensor for dual-channel detecting L-Arg by multiple supramolecular interactions. <i>Dyes and Pigments</i> , 2019 , 171, 107706	4.6	19
116	A simple water-soluble phenazine dye for colorimetric/ fluorogenic dual-mode detection and removal of Cu ²⁺ in natural water and plant samples. <i>Dyes and Pigments</i> , 2019 , 171, 107707	4.6	22
115	A novel strong AIE bi-component hydrogel as a multi-functional supramolecular fluorescent material. <i>Dyes and Pigments</i> , 2019 , 171, 107745	4.6	12
114	An azine-containing bispillar[5]arene-based multi-stimuli responsive supramolecular pseudopolyrotaxane gel for effective adsorption of rhodamine B. <i>Soft Matter</i> , 2019 , 15, 6836-6841	3.6	10
113	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> , 2019 , 15, 6878-6884	3.6	14
112	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> , 2019 , 15, 6753-6758	3.6	18
111	A novel bis-component AIE smart gel with high selectivity and sensitivity to detect CN, Fe and HPO. <i>Soft Matter</i> , 2019 , 15, 6348-6352	3.6	18
110	In Situ Generation of AgI Quantum Dots by the Confinement of A Supramolecular Polymer Network: A Novel Approach for Ultrasensitive Response. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3274-3278	4.5	8
109	A Phenazine Hydrochloride for the Selective Detection and Removal of Mercury(II) Ions in Water. <i>ChemistrySelect</i> , 2019 , 4, 10060-10064	1.8	3
108	Research Progress of Cyanide Sensors in Different Medium. <i>Chinese Journal of Organic Chemistry</i> , 2019 , 39, 1226	3	5

107	Anion induced supramolecular polymerization: a novel approach for the ultrasensitive detection and separation of F. <i>Chemical Communications</i> , 2019 , 55, 3247-3250	5.8	60
106	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> , 2019 , 10, 6489-6494	4.9	21
105	A bi-component supramolecular gel for selective fluorescence detection and removal of Hg in water. <i>Soft Matter</i> , 2019 , 15, 9547-9552	3.6	17
104	A simple chemosensor for ultrasensitive fluorescent turn-on detection of Fe ³⁺ and alternant detection of CN ⁻ . <i>Supramolecular Chemistry</i> , 2019 , 31, 745-755	1.8	2
103	A biacylhydrazone-based chemosensor for fluorescence turn-on detection of Al ³⁺ with high selectivity and sensitivity. <i>Supramolecular Chemistry</i> , 2019 , 31, 80-88	1.8	8
102	Rapid and Selective Detection of Cyanide Anion by Enhanced Fluorescent Emission and Colorimetric Color Changes at Micromole Levels in Aqueous Medium. <i>Journal of Heterocyclic Chemistry</i> , 2018 , 55, 879-887	1.9	4
101	A water-soluble fluorescent chemosensor based on Asp functionalized naphthalimide for successive detection Fe ³⁺ and H ₂ PO ₄ ⁻ . <i>Canadian Journal of Chemistry</i> , 2018 , 96, 363-370	0.9	5
100	Competition of cation- π and exo-wall π - π interactions: a novel approach to achieve ultrasensitive response. <i>Chemical Communications</i> , 2018 , 54, 4549-4552	5.8	70
99	A novel pillar[5]arene-based supramolecular organic framework gel to achieve an ultrasensitive response by introducing the competition of cation- π and π - π interactions. <i>Soft Matter</i> , 2018 , 14, 3624-3631	3.6	21
98	Frontispiece: Pillar[5]arene-Based Supramolecular Organic Framework with Multi-Guest Detection and Recyclable Separation Properties. <i>Chemistry - A European Journal</i> , 2018 , 24,	4.8	1
97	A novel water soluble pillar[5]arene and phenazine derivative self-assembled pseudorotaxane sensor for the selective detection of Hg ²⁺ and Ag ⁺ with high selectivity and sensitivity. <i>New Journal of Chemistry</i> , 2018 , 42, 10148-10152	3.6	9
96	Pillar[5]arene-based multifunctional supramolecular hydrogel: multistimuli responsiveness, self-healing, fluorescence sensing, and conductivity. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 999-1003	7.8	46
95	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> , 2018 , 42, 14766-14771	3.6	13
94	Tri-pillar[5]arene-based multi-stimuli-responsive supramolecular polymers for fluorescence detection and separation of Hg ²⁺ . <i>Polymer Chemistry</i> , 2018 , 9, 4625-4630	4.9	44
93	A novel naphthalimide-glutathione chemosensor for fluorescent detection of Fe ³⁺ and Hg ²⁺ in aqueous medium and its application. <i>Tetrahedron</i> , 2018 , 74, 4005-4012	2.4	12
92	Synthesis and Fe ³⁺ Sensing Properties of the Chemosensor Based on Functionalized Naphthalimide Schiff Base Derivative. <i>Chinese Journal of Organic Chemistry</i> , 2018 , 38, 1800	3	3
91	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> , 2018 , 42, 1271-1275	3.6	15
90	Pillar[5]arene-Based Supramolecular Organic Framework with Multi-Guest Detection and Recyclable Separation Properties. <i>Chemistry - A European Journal</i> , 2018 , 24, 777-783	4.8	116

89	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> , 2018 , 9, 5370-5376	4.9	22
88	An easy-to-make strong white AIE supramolecular polymer as a colour tunable photoluminescence material. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 13331-13335	7.1	31
87	A novel supramolecular AIE gel acts as a multi-analyte sensor array. <i>New Journal of Chemistry</i> , 2018 , 42, 18059-18065	3.6	28
86	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> , 2018 , 14, 8529-8536	3.6	18
85	Acylhydrazone functionalized benzimidazole-based metallogel for the efficient detection and separation of Cr. <i>Soft Matter</i> , 2018 , 14, 8390-8394	3.6	15
84	Supramolecular Aggregation-Induced Emission Gels Based on Pillar[5]arene for Ultrasensitive Detection and Separation of Multi-analytes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 16597-16606	8.2	37
83	A bis-naphthalimide functionalized pillar[5]arene-based supramolecular gel acts as a multi-stimuli-responsive material. <i>New Journal of Chemistry</i> , 2018 , 42, 16167-16173	3.6	15
82	Novel 2-(hydroxy)-naphthyl imino functionalized pillar[5]arene: a highly efficient supramolecular sensor for tandem fluorescence detection of Fe ³⁺ and F ⁻ and the facile separation of Fe ³⁺ . <i>New Journal of Chemistry</i> , 2018 , 42, 11548-11554	3.6	14
81	Novel chemosensor for ultrasensitive dual-channel detection of Cu ²⁺ and its application in IMPLICATION logic gate. <i>Journal of Luminescence</i> , 2018 , 202, 225-231	3.8	5
80	Novel bispillar[5]arene-based AIEgen and its application in mercury(II) detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 272, 139-145	8.5	54
79	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> , 2018 , 6, 8775-8781	8.3	41
78	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> , 2017 , 41, 2148-2153	3.6	21
77	A novel water soluble chemosensor based on carboxyl functionalized NDI derivatives for selective detection and facile removal of mercury(II). <i>RSC Advances</i> , 2017 , 7, 11206-11210	3.7	14
76	A Turn-On Fluorescence Chemosensor for Cyanide in Aqueous Media Based on a Nucleophilic Addition Reaction. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1165-1169	4.9	5
75	A novel histidine-functionalized 1,8-naphthalimide-based fluorescent chemosensor for the selective and sensitive detection of Hg ²⁺ in water. <i>New Journal of Chemistry</i> , 2017 , 41, 3303-3307	3.6	17
74	Construction of stimuli-responsive supramolecular gel via bispillar[5]arene-based multiple interactions. <i>Polymer Chemistry</i> , 2017 , 8, 2005-2009	4.9	39
73	Sensitive and Selective Fluorescent and Colorimetric Sensor for Ag ⁺ Based on the Supramolecular Self-Assembly in Semi-Water. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1311-1316	4.9	5
72	A highly selective colorimetric and Off-On fluorescence sensor for CN ⁻ based on Zn(salphenazine) complex. <i>Science China Chemistry</i> , 2017 , 60, 754-760	7.9	10

71	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> , 2017 , 182, 67-72	4.4	14
70	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> , 2017 , 175, 117-124	4.4	16
69	Pillar[5]arene-based fluorescent polymer for selective detection and removal of mercury ions. <i>RSC Advances</i> , 2017 , 7, 47709-47714	3.7	15
68	Iodine Controlled Pillar[5]arene-Based Multiresponsive Supramolecular Polymer for Fluorescence Detection of Cyanide, Mercury, and Cysteine. <i>Macromolecules</i> , 2017 , 50, 7863-7871	5.5	176
67	Mercaptooxazolephenazine based blue fluorescent sensor for the ultra-sensitive detection of mercury(II) ions in aqueous solution. <i>RSC Advances</i> , 2017 , 7, 47547-47551	3.7	7
66	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> , 2017 , 13, 7085-7089	3.6	73
65	A novel iodination-triggered competitive coordination mechanism: indirect detection of Hg ²⁺ and I ⁻ using a simple copillar[5]arene-based fluorometric sensor. <i>New Journal of Chemistry</i> , 2017 , 41, 12707-12712	3.6	6
64	Novel supramolecular sensors constructed from pillar[5]arene and a naphthalimide for efficient detection of Fe ³⁺ and F ⁻ in water. <i>New Journal of Chemistry</i> , 2017 , 41, 12172-12177	3.6	6
63	Novel multi-analyte responsive ionic supramolecular gels based on pyridinium functionalized-naphthalimide. <i>Soft Matter</i> , 2017 , 13, 7360-7364	3.6	24
62	A novel water soluble self-assembled supramolecular sensor based on pillar[5]arene for fluorescent detection CN ⁻ in water. <i>Tetrahedron</i> , 2017 , 73, 5307-5310	2.4	16
61	An efficient iodide ion chemosensor and a rewritable dual-channel security display material based on an ion responsive supramolecular gel. <i>RSC Advances</i> , 2017 , 7, 38210-38215	3.7	7
60	A benzimidazole functionalized NDI derivative for recyclable fluorescent detection of cyanide in water. <i>RSC Advances</i> , 2017 , 7, 38458-38462	3.7	12
59	A novel self-assembled supramolecular sensor based on thiophene-functionalized imidazophenazine for dual-channel detection of Ag ⁺ in an aqueous solution. <i>RSC Advances</i> , 2017 , 7, 53439-53444	3.7	11
58	Pillararene-based fluorescent chemosensors: recent advances and perspectives. <i>Chemical Communications</i> , 2017 , 53, 13296-13311	5.8	126
57	A pillar[5]arene-based multiple-stimuli responsive metal-organic gel was constructed for facile removal of mercury ions. <i>Soft Matter</i> , 2017 , 13, 5214-5218	3.6	35
56	A water-soluble pillar[5]arene-based chemosensor for highly selective and sensitive fluorescence detection of L-methionine. <i>RSC Advances</i> , 2017 , 7, 34411-34414	3.7	14
55	Novel fluorescent cyanide-selective chemosensor based on a functionalised pillar[5]arene copper(II) complex. <i>Supramolecular Chemistry</i> , 2017 , 29, 411-416	1.8	10
54	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> , 2017 , 241, 430-437	8.5	39

53	A novel functionalized pillar[5]arene-based selective amino acid sensor for L-tryptophan. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 210-213	5.2	52
52	A colorimetric and reversible fluorescent chemosensor for Ag ⁺ in aqueous solution and its application in IMPLICATION logic gate. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 671-678	8.5	50
51	Cascade recognition of Cu ²⁺ and H ₂ PO ₄ ⁻ with high sensitivity and selectivity in aqueous media based on the effect of ES IPT. <i>Sensors and Actuators B: Chemical</i> , 2017 , 242, 849-856	8.5	23
50	A novel supramolecular organogel based on acylhydrazone functionalized pillar[5]arene acts as an I responsive smart material. <i>Soft Matter</i> , 2017 , 13, 7222-7226	3.6	29
49	A highly sensitive colorimetric chemodosimeter for cyanide anion by Michael addition based on a coumarin derivative. <i>New Journal of Chemistry</i> , 2016 , 40, 8607-8613	3.6	21
48	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> , 2016 , 6, 111928-111933	3.7	15
47	A highly selective and sensitive dual-channel chemosensor for cyanide based on sulfahydrazone derivative. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1318-1323	1	3
46	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> , 2016 , 167, 116-121	4.4	17
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42	A carboxylic acid functionalized benzimidazole-based supramolecular gel with multi-stimuli responsive properties. <i>New Journal of Chemistry</i> , 2016 , 40, 4940-4944	3.6	18
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