

Supramolecular Assembly-Induced Emission Enhancement Detection and Removal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stimuli-responsive nanocarriers constructed from pillar[5]arene-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1973-1993.	3.2	98
2	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.	3.2	62
3	Efficient Aggregation-Induced Emission Manipulated by Polymer Host Materials. <i>Advanced Materials</i> , 2019, 31, e1903962.	11.1	121
4	Efficient removal of metal contaminants by EDTA modified MOF from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 403-412.	5.0	104
5	An aggregation-induced emission-based fluorescence turn-on probe for Hg ²⁺ and its application to detect Hg ²⁺ in food samples. <i>RSC Advances</i> , 2019, 9, 23316-23323.	1.7	28
6	Cellulose Spacer-Strategy: Anti-Aggregation-Caused Quenching Membrane for Mercury Ion Detection and Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15182-15189.	3.2	25
7	Water-soluble pillar[5]arenes: A new class of plant growth regulators. <i>Tetrahedron Letters</i> , 2019, 60, 150949.	0.7	13
8	Applications of macrocyclic compounds for electrochemical sensors to improve selectivity and sensitivity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 95, 171-198.	0.9	27
9	Enhanced Solution and Solid-State Emission and Tunable White Light Emission Harvested by Supramolecular Approaches. <i>Chemistry - A European Journal</i> , 2019, 25, 11975-11982.	1.7	36
10	A novel bis-component AIE smart gel with high selectivity and sensitivity to detect CN ⁻ , Fe ³⁺ and H ₂ PO ₄ ⁻ . <i>Soft Matter</i> , 2019, 15, 6348-6352.	1.2	24
11	Riboflavin Functionalized Dextrin-Sodium Alginate Based Fluorescent Sensor: Detoxification of Cu ²⁺ and Ni ²⁺ Ions. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3084-3094.	2.0	24
12	Multifunctional Tubular Organic Cage-Supported Ultrafine Palladium Nanoparticles for Sequential Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18011-18016.	7.2	103
13	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.	1.7	11
14	Multifunctional Tubular Organic Cage-Supported Ultrafine Palladium Nanoparticles for Sequential Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 18179-18184.	1.6	30
15	A Multifunctional Hybrid[4]arene-Based Macrocyclic Amphiphile: Self-Assembly, Tunable LCST Behavior, and Construction of Fluorescent Nanoparticles for Cell Imaging. <i>Organic Letters</i> , 2019, 21, 8943-8947.	2.4	7
16	Stimuli-responsive fluorescent supramolecular polymer network based on a monofunctionalized leaning tower[6]arene. <i>Chinese Chemical Letters</i> , 2019, 30, 2299-2303.	4.8	33
17	Benzothiazole-based heterodipodal chemosensor for Cu ²⁺ and CN ⁻ ions in aqueous media. <i>Tetrahedron Letters</i> , 2019, 60, 151075.	0.7	18
18	Conformational sensitivity of tetraphenyl-1,3-butadiene derivatives with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , 2019, 62, 1393-1397.	4.2	16

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19	Tunable Fluorescence-Responsive Double Hydrophilic Block Polymers Induced by the Formation of Pseudopolyrotaxanes with Cucurbit[7]Uril. <i>Polymers</i> , 2019, 11, 1470.	2.0	6
20	Adjustable chiral self-sorting and self-discriminating behaviour between diamond-like Tröger's base-linked cryptands. <i>Chemical Communications</i> , 2019, 55, 8072-8075.	2.2	9
21	In Situ Gold Nanoparticle Synthesis Mediated by a Water-Soluble Leaning Pillar[6]arene for Self-Assembly, Detection, and Catalysis. <i>Organic Letters</i> , 2019, 21, 5215-5218.	2.4	52
22	A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. <i>Supramolecular Chemistry</i> , 2019, 31, 545-557.	1.5	6
23	Organic-Inorganic Hybrid Pillarene-Based Nanomaterial for Label-Free Sensing and Catalysis. <i>Matter</i> , 2019, 1, 848-861.	5.0	59
24	Supramolecular nanotheranostics based on pillarenes. <i>Theranostics</i> , 2019, 9, 3075-3093.	4.6	92
25	A fluorescent responsive tetraphenylethene based metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2019, 105, 20-25.	1.8	14
26	Time-resolved photoluminescence of 6-thienyl-lumazine fluorophores in cellulose acetate nanofibers for detection of mercury ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117189.	2.0	3
27	Multifunctional supramolecular self-assembly system for colorimetric detection of Hg ²⁺ , Fe ³⁺ , Cu ²⁺ and continuous sensing of volatile acids and organic amine gases. <i>Nanoscale</i> , 2019, 11, 10911-10920.	2.8	49
28	Crystal structures and luminescence properties of a D ⁴ A type ClEgen and its Zn(<i>scp</i>) complexes. <i>CrystEngComm</i> , 2019, 21, 3322-3329.	1.3	2
29	Multicolor luminescent supramolecular hydrogels based on cucurbit[8]uril and OPV derivative. <i>Soft Matter</i> , 2019, 15, 9881-9885.	1.2	9
30	A compact prospective investigation on the colorimetric recognition of Hg ²⁺ ion and photostimulated degradation of discharged toxic organic dyes motivated by <i>H. mutabilis</i> directed silver nanoparticles. <i>New Journal of Chemistry</i> , 2019, 43, 17188-17199.	1.4	5
31	A bi-component supramolecular gel for selective fluorescence detection and removal of Hg ²⁺ in water. <i>Soft Matter</i> , 2019, 15, 9547-9552.	1.2	22
32	Guanidinocalix[5]arene for sensitive fluorescence detection and magnetic removal of perfluorinated pollutants. <i>Nature Communications</i> , 2019, 10, 5762.	5.8	116
33	Photolysis Behaviors of Anthryl Derivative Aggregation Mediated by Sulfato- β -Cyclodextrin. <i>ChemistrySelect</i> , 2019, 4, 13241-13244.	0.7	0
34	A novel indole-based conjugated microporous polymer for highly effective removal of heavy metals from aqueous solution <i>via</i> double cation- π interactions. <i>RSC Advances</i> , 2019, 9, 40531-40535.	1.7	13
35	Supramolecular polymers fabricated by orthogonal self-assembly based on multiple hydrogen bonding and macrocyclic host-guest interactions. <i>Chinese Chemical Letters</i> , 2020, 31, 1-9.	4.8	101
36	Enzymatic construction of quinine derivative of dextrin/PVA based hybrid gel film for the simultaneous detection and removal of copper and lead ions in real water samples. <i>Chemical Engineering Journal</i> , 2020, 382, 122891.	6.6	19

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37	Supramolecular polymer materials based on pillar[5]arene: Ultrasensitive detection and efficient removal of cyanide. <i>Chinese Chemical Letters</i> , 2020, 31, 1231-1234.	4.8	30
38	Multifunctional adsorbent based on metal-organic framework modified bacterial cellulose/chitosan composite aerogel for high efficient removal of heavy metal ion and organic pollutant. <i>Chemical Engineering Journal</i> , 2020, 383, 123127.	6.6	244
39	A fluorescent platinum(II) metallacycle-cored supramolecular network formed by dynamic covalent bonds and its application in halogen ions and picric acid detection. <i>Polymer Chemistry</i> , 2020, 11, 254-258.	1.9	26
40	Tuning the amphiphilicity of terpyridine-based fluorescent probe in water: Assembly and disassembly-controlled Hg ²⁺ sensing, removal, and adsorption of H ₂ S. <i>Journal of Hazardous Materials</i> , 2020, 384, 121474.	6.5	20
41	Determination of thiourea based on the reversion of fluorescence quenching of nitrogen doped carbon dots by Hg ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117666.	2.0	20
42	Turn-on fluorescence in a pyridine-decorated tetraphenylethylene: the cooperative effect of coordination-driven rigidification and silver ion induced aggregation. <i>Dalton Transactions</i> , 2020, 49, 1883-1890.	1.6	19
43	Pillar[n]arenes: Chemistry and Their Material Applications. <i>Chinese Journal of Chemistry</i> , 2020, 38, 215-217.	2.6	25
44	Fabrication of 1T-MoS ₂ nanosheets and the high-efficiency removal of toxic metals in aquatic systems: Performance and mechanisms. <i>Chemical Engineering Journal</i> , 2020, 386, 123996.	6.6	30
45	BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10059-10065.	7.2	120
46	Separation of Bromoalkanes Isomers by Nonporous Adaptive Crystals of Leaning Pillar[6]arene. <i>Angewandte Chemie</i> , 2020, 132, 2271-2275.	1.6	29
47	Th ⁴⁺ tuned aggregation-induced emission: A novel strategy for sequential ultrasensitive detection and separation of Th ⁴⁺ and Hg ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117926.	2.0	13
48	Regenerable Carbohydrazide-Linked Fluorescent Covalent Organic Frameworks for Ultrasensitive Detection and Removal of Mercury. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 445-451.	3.2	108
49	Separation of Bromoalkanes Isomers by Nonporous Adaptive Crystals of Leaning Pillar[6]arene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2251-2255.	7.2	105
50	Supramolecular nanomaterials based on hollow mesoporous drug carriers and macrocycle-capped CuS nanogates for synergistic chemo-photothermal therapy. <i>Theranostics</i> , 2020, 10, 615-629.	4.6	97
51	Light and reduction responsive supra-amphiphile for controllable fluorescence based on Pillar[6]arene. <i>Tetrahedron</i> , 2020, 76, 131549.	1.0	2
52	Diversiform Nanostructures Constructed from Tetraphenylethene and Pyrene-Based Acid/Base Controllable Molecular Switching Amphiphilic [2]Rotaxanes with Tunable Aggregation-Induced Static Excimers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45222-45234.	4.0	19
53	Tailoring Tunable Luminescence via Supramolecular Assembly Strategies. <i>Cell Reports Physical Science</i> , 2020, 1, 100167.	2.8	56
54	Elongated Geminarene: Syntheses, Solid-State Conformational Investigations, and Application in Aromatics/Cyclic Aliphatics Separation. <i>Small</i> , 2020, 16, 2003490.	5.2	18

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55	Supramolecular oligourethane gel as a highly selective fluorescent "off-on" sensor for ions. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11540-11545.	2.7	25
56	Coordination-driven self-assembly of discrete supramolecular double-metallacycles. <i>Dalton Transactions</i> , 2020, 49, 17511-17519.	1.6	4
57	Supramolecular Tessellations via Pillar[5]arene-Based Exo-Wall Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 20892-20901.	6.6	39
58	N-(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.	1.1	20
59	Biomimetic nanochannels platform for detecting N-acetylglucosamine analogues. <i>Sensors and Actuators B: Chemical</i> , 2020, 323, 128705.	4.0	22
60	Ingenious aspartic acid-functionalized gold nanoparticles by one-pot protocol for the sensitive detection of chromium (III) ions. <i>Microchemical Journal</i> , 2020, 159, 105359.	2.3	9
61	Manipulating Light-Induced Dynamic Macro-Movement and Static Photonic Properties within 1D Isostructural Hydrogen-Bonded Molecular Cocrystals. <i>Angewandte Chemie</i> , 2020, 132, 22812-22819.	1.6	10
62	Manipulating Light-Induced Dynamic Macro-Movement and Static Photonic Properties within 1D Isostructural Hydrogen-Bonded Molecular Cocrystals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22623-22630.	7.2	101
63	Fluorescent Platinum(II) Metallacycle-cored Polymers. <i>Chemistry Letters</i> , 2020, 49, 1312-1318.	0.7	5
64	Colorimetric detection of Hg ²⁺ with an azulene-containing chemodosimeter via dithioacetal hydrolysis. <i>Analyst</i> , 2020, 145, 6262-6269.	1.7	21
65	Pillar[5]arene-Based Solid-State Supramolecular Polymers with Suppressed Aggregation-Caused Quenching Effects and Two-Photon Excited Emission. <i>Journal of the American Chemical Society</i> , 2020, 142, 16557-16561.	6.6	54
66	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.	3.2	24
67	Exploring Broad Molecular Derivatization as Tool in Selective Fluorescent Detection of Mercury(II) by a Series of Large Stokes Shift 1,4-Bis(5-phenyl-1H-imidazol-4-yl)benzenes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 22398-22412.	1.8	1
68	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.	1.6	12
69	Nanomaterials with Supramolecular Assembly Based on AIE Luminogens for Theranostic Applications. <i>Advanced Materials</i> , 2020, 32, e2004208.	11.1	143
70	Pyridinium porphyrins and AuNPs mediated bionetworks as SPR signal amplification tags for the ultrasensitive assay of brain natriuretic peptide. <i>Mikrochimica Acta</i> , 2020, 187, 327.	2.5	18
71	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.	2.0	14
72	Removal of Zn(II) and Co(II) from N,N-dimethylformamide by polyamidoamine dendrimers decorated silica: Performance and mechanism. <i>Journal of Molecular Liquids</i> , 2020, 308, 113073.	2.3	12

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73	Regulable Aggregation-Induced Emission Supramolecular Polymer and Gel Based on Self-sorting Assembly. <i>Macromolecules</i> , 2020, 53, 4255-4263.	2.2	36
74	Adsorption performance and mechanism of Schiff base functionalized polyamidoamine dendrimer/silica for aqueous Mn(II) and Co(II). <i>Chinese Chemical Letters</i> , 2020, 31, 2742-2746.	4.8	32
75	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.	1.4	8
76	Supramolecular Artificial Light Harvesting Systems with Aggregation-Induced Emission. <i>Advanced Optical Materials</i> , 2020, 8, 2000265.	3.6	63
77	Supramolecular control over LCST behavior of hybrid macrocyclic system based on pillar[5]arene and crown ether. <i>Chinese Chemical Letters</i> , 2020, 31, 3221-3224.	4.8	13
78	Luminescent Polymorphic Co-crystals: A Promising Way to the Diversity of Molecular Assembly, Fluorescence Polarization, and Optical Waveguide. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31940-31951.	4.0	57
79	Engineering a ratiometric fluorescent sensor membrane containing carbon dots for efficient fluoride detection and removal. <i>Chemical Engineering Journal</i> , 2020, 399, 125741.	6.6	41
80	Recent Advances in Nanomaterials for Analysis of Trace Heavy Metals. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 353-372.	1.8	24
81	Advances in diversified application of pillar[n]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020, 97, 1-17.	0.9	14
82	Adsorption Processing for the Removal of Toxic Hg(II) from Liquid Effluents: Advances in the 2019 Year. <i>Metals</i> , 2020, 10, 412.	1.0	13
83	Metal-ligated pillararene materials: From chemosensors to multidimensional self-assembled architectures. <i>Coordination Chemistry Reviews</i> , 2020, 420, 213425.	9.5	33
84	Pillar[5]arene microcapsules turn on fluid flow in the presence of paraquat. <i>Chemical Communications</i> , 2020, 56, 9284-9287.	2.2	12
85	Electronic synergy between ligands of luminol and isophthalic acid for fluorescence ratiometric detection of Hg ²⁺ . <i>Analytica Chimica Acta</i> , 2020, 1128, 11-18.	2.6	20
86	6th International Conference on Cucurbiturils (ICCB2019): Athens, Ohio, USA, July 21-24th. <i>Supramolecular Chemistry</i> , 2020, 32, 355-364.	1.5	0
87	A Low-Cost Biomimetic Heterostructured Multilayer Membrane with Geopolymer Microparticles for Broad-Spectrum Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12133-12142.	4.0	44
88	Supramolecular Organic Frameworks with Controllable Shape and Aggregation-Induced Emission for Tunable Luminescent Materials through Aqueous Host-Guest Complexation. <i>Advanced Optical Materials</i> , 2020, 8, 1902154.	3.6	35
89	Efficient Visual Chemosensor for Hexavalent Chromium via a Controlled Strategy for Signal Amplification in Water. <i>Analytical Chemistry</i> , 2020, 92, 3426-3433.	3.2	37
90	Supramolecular materials based on AIE luminogens (AIEgens): construction and applications. <i>Chemical Society Reviews</i> , 2020, 49, 1144-1172.	18.7	498

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91	Novel fluorescent supramolecular polymer metallogel based on Al ³⁺ coordinated crosslinking of quinoline functionalized pillar[5]arene act as multi-stimuli-responsive materials. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5519.	1.7	6
92	Highly Stable Zinc-Based Metal-Organic Frameworks and Corresponding Flexible Composites for Removal and Detection of Antibiotics in Water. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8650-8662.	4.0	108
93	The adsorption property and mechanism for Hg(II) and Ag(I) by Schiff base functionalized magnetic Fe ₃ O ₄ from aqueous solution. <i>Journal of Alloys and Compounds</i> , 2020, 825, 154051.	2.8	34
94	Safranin O-functionalized cuboid mesoporous silica material for fluorescent sensing and adsorption of permanganate. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2238-2249.	2.9	30
95	Host-Guest Complexation of Perethylated Pillar[6]arene toward Ferrocene Derivatives Both in Solution and Solid State: Different Binding Modes Induced by Minor Structural Changes of Guests. <i>Organic Letters</i> , 2020, 22, 1552-1556.	2.4	11
96	A color-tunable fluorescent pillararene coordination polymer for efficient pollutant detection. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3651-3657.	5.2	43
97	BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie</i> , 2020, 132, 10145-10151.	1.6	29
98	Metastable Zirconium Phosphate under Nanoconfinement with Superior Adsorption Capability for Water Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 1909014.	7.8	48
99	Supramolecular adsorbents in extraction and separation techniques - A review. <i>Analytica Chimica Acta</i> , 2020, 1122, 97-113.	2.6	40
100	Tetraphenylethene-Based Platinum(II) Bis-Triangular Dicycles with Tunable Emissions. <i>Inorganic Chemistry</i> , 2020, 59, 5713-5720.	1.9	14
101	Facile Removal of Phytochromes and Efficient Recovery of Pesticides Using Heteropore Covalent Organic Framework-Based Magnetic Nanospheres and Electrospun Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20922-20932.	4.0	53
102	Click Preparation of Triazole-Bridged Aggregation-Induced Emission Aromatic Acid Probe for the Selective Determination of Aluminium Ion. <i>Analytical Letters</i> , 2021, 54, 481-491.	1.0	2
103	Metal-organic supramolecular nanoarchitectures by Ru(II) bis-(terpyridine)-bridged pillar[5]arene dimers with triphenylamine. <i>Chinese Chemical Letters</i> , 2021, 32, 357-361.	4.8	8
104	Selective capture of Hg(II) and Ag(I) from water by sulfur-functionalized polyamidoamine dendrimer/magnetic Fe ₃ O ₄ hybrid materials. <i>Separation and Purification Technology</i> , 2021, 257, 117902.	3.9	78
105	Dendritic Fibrous Nanosilica Hybrid Materials with Near-Infrared Emission as Multifunctional Sensors for Toxic Pollutants. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000220.	2.7	6
106	A novel on-off-on acylhydrazone-based fluorescent chemosensor for ultrasensitive detection of Pd ²⁺ . <i>Journal of Molecular Liquids</i> , 2021, 327, 114836.	2.3	10
107	Functionalized Mesoporous Photonic Crystal Film for Ultrasensitive Visual Detection and Effective Removal of Mercury (II) Ions in Water. <i>Advanced Functional Materials</i> , 2021, 31, 2007032.	7.8	49
108	Cysteine modified silver nanoparticles based colorimetric sensing for the sensitive determination of Hg ²⁺ in aqueous solutions. <i>Luminescence</i> , 2021, 36, 698-704.	1.5	7

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109	Pillararene-based AIEgens: research progress and appealing applications. <i>Chemical Communications</i> , 2021, 57, 284-301.	2.2	65
110	The recent progress of synergistic supramolecular polymers: preparation, properties and applications. <i>Chemical Communications</i> , 2021, 57, 1413-1429.	2.2	47
111	A signal amplification strategy for ultrasensitive detecting H ₂ PO ₄ ^{âˆ’} using metal coordinated supramolecular gel. <i>Journal of Molecular Liquids</i> , 2021, 321, 114500.	2.3	8
112	Molecular-scale drug delivery systems loaded with oxaliplatin for supramolecular chemotherapy. <i>Chinese Chemical Letters</i> , 2021, 32, 729-734.	4.8	32
113	Triazole Containing Salicylimine Linked Organosilocane for Recognition of Ce ³⁺ Ions in Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 997-1005.	1.9	4
114	Supramolecular fluorescent sensors: An historical overview and update. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213560.	9.5	135
115	Recent advances in cation sensing using aggregation-induced emission. <i>Materials Chemistry Frontiers</i> , 2021, 5, 659-708.	3.2	99
116	Recent Progress in Functional Materials for Selective Detection and Removal of Mercury(II) Ions. <i>Advanced Functional Materials</i> , 2021, 31, .	7.8	109
117	A Long-Wavelength Emission Fluorescent Probe Based on TCF Derivatives for High-Sensitivity Detection of Hg ²⁺ . <i>Heterocycles</i> , 2021, 102, 1939.	0.4	0
118	Efficient artificial light-harvesting system constructed from supramolecular polymers with AIE property. <i>RSC Advances</i> , 2021, 11, 30041-30045.	1.7	14
119	Application of stimuli-responsive FRET behavior toward cyanide detection in a photo-switchable [2]pseudorotaxane polymer containing the BODIPY donor and the merocyanine acceptor. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2321-2333.	2.7	15
120	Regulation of the bi-color fluorescence changes of AIE supramolecular self-assembly gels by interaction with Al ³⁺ and energy transfer. <i>Materials Advances</i> , 2021, 2, 6075-6082.	2.6	6
121	Supramolecular Engineering of Efficient Artificial Light-Harvesting Systems from Cyanovinylene Chromophores and Pillar[5]arene-Based Polymer Hosts. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4593-4604.	4.0	50
122	Review of Advances in Engineering Nanomaterial Adsorbents for Metal Removal and Recovery from Water: Synthesis and Microstructure Impacts. <i>ACS ES&T Engineering</i> , 2021, 1, 623-661.	3.7	61
123	Supramolecular polymer-directed light-harvesting system based on a stepwise energy transfer cascade. <i>Chemical Communications</i> , 2021, 57, 5782-5785.	2.2	54
124	Synthesis of an AIEgen functionalized cucurbit[7]uril for subcellular bioimaging and synergistic photodynamic therapy and supramolecular chemotherapy. <i>Chemical Science</i> , 2021, 12, 7727-7734.	3.7	52
125	Conjugated macrocycle polymers. <i>Polymer Chemistry</i> , 2021, 12, 4613-4620.	1.9	17
126	A mechanically self-locked gemini-[1]rotaxane-assembled microsphere and its properties on Arg controlled reversible morphology and fluorescence changes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10347-10353.	2.7	3

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127	Carbazole-modified thiazolo[3,2- <i>c</i>][1,3,5,2]oxadiazaborinines exhibiting aggregation-induced emission and mechanofluorochromism. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 406-415.	1.5	6
128	Supramolecular brush polymers prepared from 1,3,4-oxadiazole and cyanobutoxy functionalised pillar[5]arene for detecting Cu ²⁺ . <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1287-1291.	1.5	16
129	Hg(II) Adsorption on Gold Nanoparticles Dominates DNA-Based Label-Free Colorimetric Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 1377-1384.	2.4	25
130	Recent progress in pillar[n]arene-based thin films on chemical sensor applications. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2021, 100, 39-54.	0.9	9
131	Macrocyclic Arenes-Based Conjugated Macrocyclic Polymers for Highly Selective CO ₂ Capture and Iodine Adsorption. <i>Angewandte Chemie</i> , 2021, 133, 9049-9057.	1.6	24
132	Functional Materials with Pillarene Struts. <i>Accounts of Materials Research</i> , 2021, 2, 292-305.	5.9	65
133	Macrocyclic Arenes-Based Conjugated Macrocyclic Polymers for Highly Selective CO ₂ Capture and Iodine Adsorption. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8967-8975.	7.2	119
134	Rapid Self-Healing Supramolecular Gel Constructed from Pillar[5]arene. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100018.	1.1	5
135	Progress in Metal-Organic Frameworks Facilitated Mercury Detection and Removal. <i>Chemosensors</i> , 2021, 9, 101.	1.8	33
136	Application of Supra Molecular Immaterialness Adsorbent in Indoor Volatile Organic Compounds Control in Hot and Humid Areas. <i>Integrated Ferroelectrics</i> , 2021, 216, 231-246.	0.3	1
137	FRET processes of bi-fluorophoric sensor material containing tetraphenylethylene donor and optical-switchable merocyanine acceptor for lead ion (Pb ²⁺) detection in semi-aqueous media. <i>Dyes and Pigments</i> , 2021, 189, 109238.	2.0	10
138	Triphenylamine (TPA) radical cations and related macrocycles. <i>Chinese Chemical Letters</i> , 2021, 32, 3331-3341.	4.8	20
139	Recyclable Supramolecular Assembly-Induced Emission System for Selective Detection and Efficient Removal of Mercury(II). <i>Chemistry - A European Journal</i> , 2021, 27, 11879-11887.	1.7	22
140	Supramolecular Assembly with Near-Infrared Emission for Two-Photon Mitochondrial Targeted Imaging. <i>Small</i> , 2021, 17, e2101185.	5.2	32
141	Waste-to-wealth approach in water economy: The case of beneficiation of mercury-contaminated water in hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26677-26692.	3.8	9
142	Adsorption-improved MoSe ₂ nanosheet by heteroatom doping and its application for simultaneous detection and removal of mercury (II). <i>Journal of Hazardous Materials</i> , 2021, 413, 125470.	6.5	56
143	Decahexanuclear Zinc(II) Coordination Container Featuring a Flexible Tetracarboxylate Ligand: A Self-Assembly Supermolecule for Highly Efficient Drug Delivery of Anti-Inflammatory Agents. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33812-33820.	4.0	10
144	Supramolecular Nanoplatfrom Based on Mesoporous Silica Nanocarriers and Pillarene Nanogates for Fungus Control. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 32295-32306.	4.0	48

#	ARTICLE	IF	CITATIONS
145	Microwave-Assisted Synthesis of Chromium Oxide Nanoparticles for Fluorescence Biosensing of Mercury Ions and Molecular Logic Computing. <i>ACS Applied Nano Materials</i> , 2021, 4, 7086-7096.	2.4	8
146	Pyridine-Conjugated Pillar[5]arene: From Molecular Crystals of Blue Luminescence to Red-Emissive Coordination Nanocrystals. <i>Journal of the American Chemical Society</i> , 2021, 143, 11976-11981.	6.6	65
147	Highly Selective and Sensitive Detection of Hg(I), Hg(II) Ions by a Covalent Organic Framework Embedding Active Sulfur Sites in the Pore Wall. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2133-2138.	2.0	6
148	Supramolecular Structures Generated <i>in situ</i> via Self-Assembly of a Cell Penetrating Tetrapeptide Facilitate Intracellular Delivery of a Pro-apoptotic Chemotherapeutic Drug. <i>ACS Applied Bio Materials</i> , 2021, 4, 6807-6820.	2.3	10
149	Composition-Driven Structural Modulation and Guest-Induced Nanotemplate Effects of the Host-Guest Complexes Made by a Unimolecular Q-Clip. <i>Macromolecules</i> , 2021, 54, 8913-8920.	2.2	2
150	Sensing vs Extraction: Functionalized Ionic Liquid as a Single Platform for Dual Applications with Biological Implications. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13096-13105.	3.2	13
151	Thiol/methylthio-functionalized porous aromatic frameworks for simultaneous capture of aromatic pollutants and Hg(II) from water. <i>Journal of Hazardous Materials</i> , 2021, 418, 126244.	6.5	15
152	Ratiometric fluorescent probe for the on-site monitoring of coexisted Hg ²⁺ and F ⁻ in sequence. <i>Analytica Chimica Acta</i> , 2021, 1183, 338967.	2.6	8
153	Insight into the syntheses, performances and mechanisms of organically modified adsorbents for mercury ion sensing and removal. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105833.	3.3	6
154	A novel polymeric hybrid sensory smart material for the prompt recognition of mercury ions in water. <i>Microchemical Journal</i> , 2021, 170, 106707.	2.3	4
155	Tailoring multifunctional gel for sensitive naked-eye and fluorescence dual-mode detection and effective adsorption of cadmium(II) and lead(II) ions in water. <i>Chemical Engineering Journal</i> , 2022, 429, 132367.	6.6	28
156	Electrochemical aptasensor based on gold modified thiol graphene as sensing platform and gold-palladium modified zirconium metal-organic frameworks nanozyme as signal enhancer for ultrasensitive detection of mercury ions. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 510-517.	5.0	86
157	Simple easy to make xanthene based optical probe for solid and liquid state Hg ²⁺ ion detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120413.	2.0	3
158	Sulfur-modified porous covalent organic polymers as bifunctional materials for efficient fluorescence detection and fast removal of heavy metal ions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3428-3435.	3.2	12
159	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.	2.7	8
160	<i>In situ</i> formation of Hg ²⁺ -coordinated fluorescent nanoparticles through a supramolecular polymer network used for efficient Hg ²⁺ sensing and separation. <i>Nanoscale</i> , 2021, 13, 9172-9176.	2.8	15
161	Luminescent lanthanide macrocycle supramolecular assembly. <i>Chemical Communications</i> , 2021, 57, 11443-11456.	2.2	27
162	Aggregation-induced emission systems involving supramolecular assembly. <i>Aggregate</i> , 2020, 1, 19-30.	5.2	86

#	ARTICLE	IF	CITATIONS
163	Nano-architectonics for coordination assemblies at interfacial media. <i>Advances in Inorganic Chemistry</i> , 2020, 76, 199-228.	0.4	4
164	Novel thiol-functionalized covalent organic framework as adsorbent for simultaneous removal of BTEX and mercury (II) from water. <i>Chemical Engineering Journal</i> , 2020, 398, 125566.	6.6	69
165	Transparency and AIE tunable supramolecular polymer hydrogel acts as TEA/HCl vapor controlled smart optical material. <i>Soft Matter</i> , 2020, 16, 5734-5739.	1.2	22
166	A thiol-functionalized zirconium metal-organic cage for the effective removal of Hg ²⁺ from aqueous solution. <i>Nanotechnology</i> , 2021, 32, 075602.	1.3	5
167	A Binary Supramolecular Assembly with Intense Fluorescence Emission, High pH Stability, and Cation Selectivity: Supramolecular Assembly-Induced Emission Materials. <i>Research</i> , 2019, 2019, 1454562.	2.8	15
168	Supramolecular Assemblies with Aggregation-Induced Emission Properties for Sensing and Detection. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	25
169	Macrocyclic-Based Porous Organic Polymers for Separation, Sensing, and Catalysis. <i>Advanced Materials</i> , 2022, 34, e2107401.	11.1	79
170	Cucurbituril-mediated AIE: An unconventional indicator displacement assay for ketamine detection. <i>Dyes and Pigments</i> , 2022, 197, 109875.	2.0	12
171	Highly efficient and selective Hg(II) removal from water by thiol-functionalized MOF-808: Kinetic and mechanism study. <i>Chemical Engineering Journal</i> , 2022, 430, 132960.	6.6	79
172	Mechanistic insight into selective adsorption and easy regeneration of carboxyl-functionalized MOFs towards heavy metals. <i>Journal of Hazardous Materials</i> , 2022, 424, 127684.	6.5	35
173	Cucurbit[8]uril-Assisted Nucleophilic Reaction: A Unique Supramolecular Approach for Cyanide Detection and Removal from Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55463-55469.	4.0	13
174	Highly selective and sensitive detection of mercury (II) and dopamine based on the efficient electrochemiluminescence of Ru(bpy) ₃ ²⁺ with acridine orange as a coreactant. <i>Journal of Electroanalytical Chemistry</i> , 2022, 906, 115896.	1.9	8
175	Aggregation-Induced Emission Luminogens with Photoresponsive Behaviors for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101169.	3.9	19
176	Recent Advantages and Applications of Various Biosynthesized Greener Silver Nanoparticles. <i>Asian Journal of Chemistry</i> , 2021, 33, 2871-2884.	0.1	0
177	Direct Synthesis of Sulfur-Decorating PAMAM Dendrimer/Mesoporous Silica for Enhanced Hg(II) and Cd(II) Adsorption. <i>Langmuir</i> , 2022, 38, 698-710.	1.6	24
178	Recent trends and future prospects of nanostructured aerogels in water treatment applications. <i>Journal of Water Process Engineering</i> , 2022, 45, 102481.	2.6	33
179	An ultralow-acceptor-content supramolecular light-harvesting system for white-light emission. <i>Chemical Communications</i> , 2022, 58, 2343-2346.	2.2	36
180	Constructing Supramolecular Frameworks Based Imidazolate-Edge-Bridged Metallacalix[3]arenes via Hierarchical Self-Assemblies. <i>Crystals</i> , 2022, 12, 212.	1.0	1

#	ARTICLE	IF	CITATIONS
181	AIE-active macromolecules: designs, performances, and applications. <i>Polymer Chemistry</i> , 2021, 13, 8-43.	1.9	20
182	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022, 67, 853-878.	4.3	110
183	Photocontrolled Reversible Multicolor Room Temperature Phosphorescent Solid Supramolecular Pseudopolyrotaxane. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	23
184	Construction of a pillararene-based supramolecular polymer network and its application in efficient removal of dyes from water. <i>Dalton Transactions</i> , 2022, 51, 910-917.	1.6	7
185	Multivalent supramolecular assembly with ultralong organic room temperature phosphorescence, high transfer efficiency and ultrahigh antenna effect in water. <i>Chemical Science</i> , 2022, 13, 573-579.	3.7	30
186	A biological luminescent metal-organic framework with high fluorescence quantum yield for the selective detection of amino acids and monosaccharides. <i>Dalton Transactions</i> , 2022, 51, 2883-2889.	1.6	5
187	Expanding the Scope of Hydroxyl-pyridine Supramolecular Synthons to Design Molecular Solids. <i>Crystal Growth and Design</i> , 2022, 22, 1972-1983.	1.4	14
188	Intermolecular hydrogen bonds induce restriction of access to the dark state for triggering aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5356-5363.	2.7	11
189	The pillar[5]arene-based spun thin films: preparation, characterization, development of optical and mass sensitive sensors for swelling dynamics and gas sensing abilities. <i>Research on Chemical Intermediates</i> , 2022, 48, 1863-1875.	1.3	1
190	Surface-functionalized gold and silver nanoparticles for colorimetric and fluorescent sensing of metal ions and biomolecules. <i>Coordination Chemistry Reviews</i> , 2022, 459, 214461.	9.5	73
191	Revealing the mechanisms of mercury adsorption on metal-doped kaolinite(001) surfaces by first principles. <i>Journal of Hazardous Materials</i> , 2022, 431, 128586.	6.5	12
192	Three-primary-color molecular cocrystals showing white-light luminescence, tunable optical waveguide and ultrahigh polarized emission. <i>Science China Chemistry</i> , 2022, 65, 408-417.	4.2	17
193	Multifunctional Host Polymers Assist Au Nanoclusters Achieve High Quantum Yield and Mitochondrial Imaging. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2023-2028.	4.0	20
194	Self-assembly induced tunable multiple fluorescence output from a white light-emitting functionalized single π -conjugated molecule and implication in VOC sensing applications. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1421-1436.	3.2	7
195	Highly specific and selective fluorescent chemosensor for sensing of Hg(II) by NH-pyrazolate-functionalized AIEgens. <i>Analytica Chimica Acta</i> , 2022, 1208, 339824.	2.6	16
196	Hg(II)-Mediated Intramolecular Cyclization of Alkynyl Hydrazones: Towards a New Reaction-Based Sensing Approach for Hg(II) Ions. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	2
197	Two-step, sequential, efficient, artificial light-harvesting systems based on twisted cucurbit[14]uril for manufacturing white light emission materials. <i>Chemical Engineering Journal</i> , 2022, 446, 136954.	6.6	15
198	Five Mesoporous Lanthanide Metal-Organic Frameworks: Syntheses, Structures, and Fluorescence Sensing of Fe^{3+} , Cr^{2+} , O^{7-} , and H^{2+} and Electrochemical Sensing of Trinitrophenol. <i>Inorganic Chemistry</i> , 2022, 61, 7286-7295.	1.9	13

#	ARTICLE	IF	CITATIONS
199	Hybrid material for ferric ion detection & remediation: Exceptional selectivity & adsorption capacity with biological applications. <i>Microporous and Mesoporous Materials</i> , 2022, 338, 111945.	2.2	3
200	Colorimetric determination of Hg(II) ions based on core/shell Au@MnO ₂ nanoparticles with oxidase-like activity. <i>Journal of Molecular Structure</i> , 2022, 1263, 133189.	1.8	4
201	Self-Assembled Fluorescent Nanoparticles with Tunable LCST Behavior in Water. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	9
202	Generation of Self-Assembled Structures Composed of Amphipathic, Charged Tripeptides for Intracellular Delivery of Pro-Apoptotic Chemotherapeutics. <i>Israel Journal of Chemistry</i> , 2022, 62, .	1.0	3
203	Supramolecular materials based on AIEgens for photo-assisted therapy. <i>Biomaterials</i> , 2022, 286, 121595.	5.7	17
204	In situ growth of MOF crystals to synthesize a graphene oxide/ZIF-7 gel with enhanced adsorption capacity for methylene blue. <i>New Journal of Chemistry</i> , 2022, 46, 14103-14111.	1.4	1
205	Plasmon Enhanced Light Harvesting of Photosynthetic Complexes by Conjugating with Gold Micro-Plates and Their Single-Particle Sensing Application. <i>SSRN Electronic Journal</i> , 0, .	0.4	0
206	Supramolecular assembly confined purely organic room temperature phosphorescence and its biological imaging. <i>Chemical Science</i> , 2022, 13, 7976-7989.	3.7	57
207	Synthesis of an Acidochromic and Nitroaromatic Responsive Hydrazone-Linked Pillararene Framework by a Macrocyclic Framework Strategy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
208	Synthesis of an Acidochromic and Nitroaromatic Responsive Hydrazone-Linked Pillararene Framework by a Macrocyclic Framework Strategy. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
209	A "bottle-around-ship" method to encapsulated carbon nitride and CdTe quantum dots in ZIF-8 as the dual emission fluorescent probe for detection of mercury (II) ion. <i>Analytical Sciences</i> , 2022, 38, 1305-1312.	0.8	5
210	Synergistic Effect Improves the Response of Active Sites to Target Variations for Picomolar Detection of Silver Ions. <i>Analytical Chemistry</i> , 2022, 94, 10462-10469.	3.2	18
211	Facile synthesis of widened MoS ₂ nanosheets vertically anchored on natural cellulose fibers for efficient removal of mercury ions from aquatic systems. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108229.	3.3	8
212	Bis-Pyridine-Based Organogel with AIE Effect and Sensing Performance towards Hg ²⁺ . <i>Gels</i> , 2022, 8, 464.	2.1	2
213	Chemiluminescent Cucurbit[uril]-Based Chemosensor for the Detection of Drugs in Biofluids. <i>ACS Sensors</i> , 2022, 7, 2312-2319.	4.0	13
214	Green, Efficient Detection and Removal of Hg ²⁺ by Water-Soluble Fluorescent Pillar[5]arene Supramolecular Self-Assembly. <i>Biosensors</i> , 2022, 12, 571.	2.3	4
215	Enhancing Mechanical Performance of a Polymer Material by Incorporating Pillar[5]arene-Based Host-Guest Interactions. <i>Gels</i> , 2022, 8, 475.	2.1	3
216	Supramolecular Assembly-Induced Emission Enhancement Vesicles Regulated by Pincer-Like Hosts Containing Pillar[5]arenes. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	8

#	ARTICLE	IF	CITATIONS
217	Supramolecular Polymeric Material Based on Twisted Cucurbit[14]uril: Sensitive Detection and Removal of Potential Cyanide from Water. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 37068-37075.	4.0	12
218	Plasmon enhanced fluorescence of photosynthetic complexes by conjugating with gold micro-plates and their single-particle sensing application. <i>Sensors and Actuators B: Chemical</i> , 2022, 371, 132525.	4.0	0
219	Renewable supramolecular assembly-induced emission enhancement system for efficient detection and removal of silver(I). <i>Dyes and Pigments</i> , 2022, 207, 110712.	2.0	6
220	Supramolecular hyperbranched polymer gels based on pillar[5]arene and their applications in removal of micropollutants from water. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 6248-6257.	3.0	5
221	A Water-Soluble Leggero Pillar[5]arene. <i>Molecules</i> , 2022, 27, 6259.	1.7	4
222	AIE-Active, Stimuli-Responsive Fluorescent 2D Block Copolymer Nanoplatelets Based on Corona Chain Compression. <i>Journal of the American Chemical Society</i> , 2022, 144, 17630-17641.	6.6	23
223	Tetraphenylethene-Based Fluorescent Chemosensor with Mechanochromic and Aggregation-Induced Emission (AIE) Properties for the Selective and Sensitive Detection of Hg ²⁺ and Ag ⁺ Ions in Aqueous Media: Application to Environmental Analysis. <i>ACS Omega</i> , 2022, 7, 34888-34900.	1.6	15
224	Pillararene-Inspired Macrocycles: From Extended Pillar[5]arenes to Geminiarenes. <i>Accounts of Chemical Research</i> , 2022, 55, 3191-3204.	7.6	64
225	Selective mercury adsorption and enrichment enabled by phenylic carboxyl functionalized poly(pyrrole methane)s chelating polymers. <i>Science of the Total Environment</i> , 2023, 858, 159870.	3.9	4
226	Synthesis of stimuli-responsive pillararene-based supramolecular polymer materials for the detection and separation of metal ions. <i>Chinese Chemical Letters</i> , 2023, 34, 107877.	4.8	12
227	Fluorescence Turn-On Corrosion Inhibitor with a Tetraphenylethylene Framework: Corrosion Inhibition and Theoretical Calculations. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	1
228	Colorimetric and Photocurrent-Polarity-Switching Photoelectrochemical Dual-Mode Sensing Platform for Highly Selective Detection of Mercury Ions Based on the Split G-Quadruplex-Hemin Complex. <i>Analytical Chemistry</i> , 2022, 94, 15040-15047.	3.2	31
229	Selective removal of aqueous Hg ²⁺ by magnetic composites sulfur-containing on the hyper-branched surface: Characterization, performance and mechanism. <i>Journal of Environmental Management</i> , 2023, 325, 116621.	3.8	3
230	Reversible detection of Hg(II) in pure water based on thymine modified nitrogen, sulfur co-doped carbon dots combined with antidote. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2023, 286, 121998.	2.0	2
231	Pyridine-based covalent organic framework for efficient and selective removal of Hg(II) from water: Adsorption behavior and adsorption mechanism investigations. <i>Chemical Engineering Journal</i> , 2023, 454, 140154.	6.6	23
232	From Classical to Advanced Use of Polymers in Food and Beverage Applications. <i>Polymers</i> , 2022, 14, 4954.	2.0	8
233	Supramolecular polymers: Recent advances based on the types of underlying interactions. <i>Progress in Polymer Science</i> , 2023, 137, 101635.	11.8	31
234	Visualization of supramolecular assembly by aggregation-induced emission. <i>Aggregate</i> , 2023, 4, .	5.2	19

#	ARTICLE	IF	CITATIONS
235	All-in-one functional supramolecular nanoparticles based on pillar[5]arene for controlled generation, storage and release of singlet oxygen. <i>Frontiers of Chemical Science and Engineering</i> , 0, , .	2.3	1
236	An amphiphilic [2]biphenyl-extended pillar[6]arene: Synthesis, controllable self-assembly in water and application in cell-imaging. <i>Chinese Chemical Letters</i> , 2023, 34, 108088.	4.8	0
237	Separation of Low-Molecular-Weight Organics by Water-Soluble Macrocyclic Arenes. <i>Molecules</i> , 2022, 27, 8554.	1.7	3
238	Lignin-based covalent organic polymers with improved crystallinity for non-targeted analysis of chemical hazards in food samples. <i>Journal of Hazardous Materials</i> , 2023, , 130821.	6.5	0
239	AIE biofluorescent probe based on twisted cucurbit[14]uril for the detection of Fe(CN) ₆ ³⁻ anion in solutions and live kidney cells. <i>Sensors and Actuators B: Chemical</i> , 2023, 379, 133255.	4.0	6
240	Study on the Complexation Properties of Promellitic Diimide- Extended Pillar[6]aren and Carboxylate Guests. <i>Chinese Journal of Organic Chemistry</i> , 2023, 43, 352.	0.6	0
241	Chemical fuel-driven gelation with dissipative assembly-induced emission. <i>Organic Chemistry Frontiers</i> , 2023, 10, 1380-1385.	2.3	8
242	A multi-stimuli-responsive metallosupramolecular gel based on pillararene hierarchical assembly. <i>Polymer Chemistry</i> , 2023, 14, 633-643.	1.9	4
243	Using Chemically Unprocessed Orange Peel to Effectively Remove Hg(II) Ions From Aqueous Solutions: Equivalent, Thermodynamic, And Kinetic Investigations. <i>Sakarya University Journal of Science</i> , 2023, 27, 189-203.	0.3	4
244	Formation behavior of monolayers on the water surface of water-soluble thermoplastic and insoluble-thermosetting copolymers with hyperbranched units containing s-benzenetricarbamide cores. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 663, 131120.	2.3	1
245	A novel portable smart phone sensing platform based on a supramolecular fluorescence probe for quick visual quantitative detection of picric acid. <i>Analytica Chimica Acta</i> , 2023, 1254, 341095.	2.6	13
246	Boric Acid Functional Fluorescent Covalent-Organic Framework for Sensitive and Selective Visualization of CH ₃ Hg ⁺ . <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 9524-9532.	4.0	9
247	Self-assembled, Porous and Molecularly Imprinted Supramolecular Structures in Sensing. , 2023, , 165-208.		0
248	Synthesis of Catalytic Microswimmers Based on Anisotropic Platinum Sorption on Melamine Barbiturate Supramolecular Structures. <i>Advanced Intelligent Systems</i> , 0, , 2200436.	3.3	2
249	Aggregation-induced emission polymer systems with circularly polarized luminescence. <i>Aggregate</i> , 2023, 4, .	5.2	14
250	Recent advances of stimuli-responsive viologen-based nanocomposites. <i>Materials Chemistry Frontiers</i> , 2023, 7, 1463-1481.	3.2	8
251	Pillararene-Based Supramolecular Polymers for Adsorption and Separation. <i>Advanced Materials</i> , 2024, 36, .	11.1	14
252	One Pot Hydrothermal Synthesis and Application of Bright-yellow-emissive Carbon Quantum Dots in Hg ₂ ⁺ Detection. <i>Journal of Fluorescence</i> , 0, , .	1.3	0

#	ARTICLE	IF	CITATIONS
253	Hetero-Aggregation-Induced Tunable Emission in Multicomponent Crystals. <i>Journal of Physical Chemistry C</i> , 2023, 127, 9257-9267.	1.5	6
254	Recent advances in the synthesis and applications of macrocyclic arenes. <i>Chemical Society Reviews</i> , 2023, 52, 3265-3298.	18.7	41
266	Porous organic polymers as a promising platform for efficient capture of heavy metal pollutants in wastewater. <i>Polymer Chemistry</i> , 2023, 14, 4000-4032.	1.9	5
271	Current trends in the detection and removal of heavy metal ions using functional materials. <i>Chemical Society Reviews</i> , 2023, 52, 5827-5860.	18.7	15
291	Constructing a solid-state supramolecular polymer based on host-guest recognition between perethylated pillar[5]arene and tetrathiafulvalene. <i>Chemical Communications</i> , 2024, 60, 1164-1167.	2.2	0