

# Feihe Huang

## List of Publications by Year in descending order

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367  
papers

41,414  
citations

1294

109  
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2940

189  
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387  
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387  
docs citations

387  
times ranked

19339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimuli-responsive supramolecular polymeric materials. <i>Chemical Society Reviews</i> , 2012, 41, 6042.	18.7	1,440
2	Pillararenes, A New Class of Macrocycles for Supramolecular Chemistry. <i>Accounts of Chemical Research</i> , 2012, 45, 1294-1308.	7.6	1,283
3	Supramolecular Amphiphiles Based on Host-Guest Molecular Recognition Motifs. <i>Chemical Reviews</i> , 2015, 115, 7240-7303.	23.0	869
4	Development of Pseudorotaxanes and Rotaxanes: From Synthesis to Stimuli-Responsive Motions to Applications. <i>Chemical Reviews</i> , 2015, 115, 7398-7501.	23.0	719
5	Formation of Linear Supramolecular Polymers That Is Driven by C $\pi$ -H $\cdots$ $\pi$ Interactions in Solution and in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1397-1401.	7.2	687
6	A Multiresponsive, Shape-Persistent, and Elastic Supramolecular Polymer Network Gel Constructed by Orthogonal Self-Assembly. <i>Advanced Materials</i> , 2012, 24, 362-369.	11.1	667
7	Self-Healing Supramolecular Gels Formed by Crown Ether Based Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7011-7015.	7.2	666
8	Supramolecular polymers constructed by crown ether-based molecular recognition. <i>Chemical Society Reviews</i> , 2012, 41, 1621-1636.	18.7	618
9	Highly emissive platinum(II) metallacages. <i>Nature Chemistry</i> , 2015, 7, 342-348.	6.6	597
10	Supramolecular chemotherapy based on host-guest molecular recognition: a novel strategy in the battle against cancer with a bright future. <i>Chemical Society Reviews</i> , 2017, 46, 7021-7053.	18.7	556
11	Characterization of supramolecular gels. <i>Chemical Society Reviews</i> , 2013, 42, 6697.	18.7	529
12	Polypseudorotaxanes and polyrotaxanes. <i>Progress in Polymer Science</i> , 2005, 30, 982-1018.	11.8	505
13	Supramolecular polymers constructed by orthogonal self-assembly based on host-guest and metal-ligand interactions. <i>Chemical Society Reviews</i> , 2015, 44, 815-832.	18.7	504
14	Supramolecular Polymers Constructed from Macrocyclic-Based Host-Guest Molecular Recognition Motifs. <i>Accounts of Chemical Research</i> , 2014, 47, 1982-1994.	7.6	499
15	Graphene-like MoS <sub>2</sub> /amorphous carbon composites with high capacity and excellent stability as anode materials for lithium ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 6251.	6.7	496
16	Functional Supramolecular Polymeric Networks: The Marriage of Covalent Polymers and Macrocyclic-Based Host-Guest Interactions. <i>Chemical Reviews</i> , 2020, 120, 6070-6123.	23.0	466
17	Pillar[6]arene/Paraquat Molecular Recognition in Water: High Binding Strength, pH-Responsiveness, and Application in Controllable Self-Assembly, Controlled Release, and Treatment of Paraquat Poisoning. <i>Journal of the American Chemical Society</i> , 2012, 134, 19489-19497.	6.6	448
18	A Dual-Responsive Supramolecular Polymer Gel Formed by Crown Ether Based Molecular Recognition. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1905-1909.	7.2	447

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19	Pillar[6]arene-Based Photoresponsive Host-Guest Complexation. <i>Journal of the American Chemical Society</i> , 2012, 134, 8711-8717.	6.6	446
20	An instant multi-responsive porous polymer actuator driven by solvent molecule sorption. <i>Nature Communications</i> , 2014, 5, 4293.	5.8	446
21	Self-Sorting Organization of Two Heteroditopic Monomers to Supramolecular Alternating Copolymers. <i>Journal of the American Chemical Society</i> , 2008, 130, 11254-11255.	6.6	437
22	Metal Coordination Mediated Reversible Conversion between Linear and Cross-Linked Supramolecular Polymers. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1090-1094.	7.2	415
23	A Water-Soluble Pillar[6]arene: Synthesis, Host-Guest Chemistry, and Its Application in Dispersion of Multiwalled Carbon Nanotubes in Water. <i>Journal of the American Chemical Society</i> , 2012, 134, 13248-13251.	6.6	410
24	An Amphiphilic Pillar[5]arene: Synthesis, Controllable Self-Assembly in Water, and Application in Calcein Release and TNT Adsorption. <i>Journal of the American Chemical Society</i> , 2012, 134, 15712-15715.	6.6	399
25	A Supramolecular Cross-Linked Conjugated Polymer Network for Multiple Fluorescent Sensing. <i>Journal of the American Chemical Society</i> , 2013, 135, 74-77.	6.6	395
26	Nonporous Adaptive Crystals of Pillararenes. <i>Accounts of Chemical Research</i> , 2018, 51, 2064-2072.	7.6	364
27	Graphene-Like MoS <sub>2</sub> /Graphene Composites: Cationic Surfactant-Assisted Hydrothermal Synthesis and Electrochemical Reversible Storage of Lithium. <i>Small</i> , 2013, 9, 3693-3703.	5.2	322
28	Catalytic reactions within the cavity of coordination cages. <i>Chemical Society Reviews</i> , 2019, 48, 4707-4730.	18.7	313
29	A Sugar-Functionalized Amphiphilic Pillar[5]arene: Synthesis, Self-Assembly in Water, and Application in Bacterial Cell Agglutination. <i>Journal of the American Chemical Society</i> , 2013, 135, 10310-10313.	6.6	306
30	Stimuli-Responsive Host-Guest Systems Based on the Recognition of Cryptands by Organic Guests. <i>Accounts of Chemical Research</i> , 2014, 47, 1995-2005.	7.6	301
31	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	6.6	301
32	Nanoparticles with Near-Infrared Emission Enhanced by Pillararene-Based Molecular Recognition in Water. <i>Journal of the American Chemical Society</i> , 2016, 138, 80-83.	6.6	278
33	A Dual-Responsive Supra-Amphiphilic Polypseudorotaxane Constructed from a Water-Soluble Pillar[7]arene and an Azobenzene-Containing Random Copolymer. <i>Journal of the American Chemical Society</i> , 2015, 137, 1440-1443.	6.6	272
34	Supramolecular AA~BB-Type Linear Polymers with Relatively High Molecular Weights via the Self-Assembly of Bis( <i>m</i> -phenylene)-32-Crown-10 Cryptands and a Bisparaquat Derivative. <i>Journal of the American Chemical Society</i> , 2011, 133, 2836-2839.	6.6	270
35	Responsive Supramolecular Polymer Metallogel Constructed by Orthogonal Coordination-Driven Self-Assembly and Host/Guest Interactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 4460-4463.	6.6	265
36	Syntheses of Copillar[5]arenes by Co-oligomerization of Different Monomers. <i>Organic Letters</i> , 2010, 12, 3285-3287.	2.4	263

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37	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 15276-15286.	6.6	260
38	Benzo-21-Crown-7/Secondary Dialkylammonium Salt [2]Pseudorotaxane- and [2]Rotaxane-Type Threaded Structures. <i>Organic Letters</i> , 2007, 9, 5553-5556.	2.4	259
39	A solvent-driven molecular spring. <i>Chemical Science</i> , 2012, 3, 3026.	3.7	257
40	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021, 50, 2839-2891.	18.7	257
41	A Crown Ether Appended Super Gelator with Multiple Stimulus Responsiveness. <i>Advanced Materials</i> , 2012, 24, 3191-3195.	11.1	254
42	Responsive Supramolecular Gels Constructed by Crown Ether Based Molecular Recognition. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1798-1802.	7.2	239
43	DIBPillar[5]arenes ( $n = 5, 6$ ): Syntheses, X-ray Crystal Structures, and Complexation with Octyltriethyl Ammonium Hexafluorophosphate. <i>Organic Letters</i> , 2010, 12, 4360-4363.	2.4	239
44	A cationic water-soluble pillar[5]arene: synthesis and host-guest complexation with sodium 1-octanesulfonate. <i>Chemical Communications</i> , 2011, 47, 12340.	2.2	239
45	Reversible Iodine Capture by Nonporous Pillar[6]arene Crystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 15320-15323.	6.6	230
46	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 8005-8019.	6.6	227
47	Supramolecular polymers with tunable topologies via hierarchical coordination-driven self-assembly and hydrogen bonding interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15585-15590.	3.3	221
48	Hierarchical Self-Assembly: Well-Defined Supramolecular Nanostructures and Metallohydrogels via Amphiphilic Discrete Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2013, 135, 14036-14039.	6.6	216
49	Fluorescent Supramolecular Polymeric Materials. <i>Advanced Materials</i> , 2017, 29, 1606117.	11.1	215
50	Highly Emissive Self-Assembled BODIPY-Platinum Supramolecular Triangles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7730-7736.	6.6	213
51	Dynamic Supramolecular Complexes Constructed by Orthogonal Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2041-2051.	7.6	212
52	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , 2016, 138, 4580-4588.	6.6	211
53	Formation of a Supramolecular Hyperbranched Polymer from Self-Organization of an AB <sub>2</sub> Monomer Containing a Crown Ether and Two Paraquat Moieties. <i>Journal of the American Chemical Society</i> , 2004, 126, 14738-14739.	6.6	206
54	Adhesive supramolecular polymeric materials constructed from macrocycle-based host-guest interactions. <i>Chemical Society Reviews</i> , 2019, 48, 2682-2697.	18.7	205

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55	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	6.6	203
56	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	5.8	197
57	A pillar[5]arene/imidazolium [2]rotaxane: solvent- and thermo-driven molecular motions and supramolecular gel formation. <i>Chemical Science</i> , 2014, 5, 247-252.	3.7	196
58	Styrene Purification by Guest-Induced Restructuring of Pillar[6]arene. <i>Journal of the American Chemical Society</i> , 2017, 139, 2908-2911.	6.6	191
59	Polyrotaxane-based supramolecular theranostics. <i>Nature Communications</i> , 2018, 9, 766.	5.8	191
60	Near-Ideal Xylene Selectivity in Adaptive Molecular Pillar[5]arene Crystals. <i>Journal of the American Chemical Society</i> , 2018, 140, 6921-6930.	6.6	191
61	CO <sub>2</sub> -Responsive Pillar[5]arene-Based Molecular Recognition in Water: Establishment and Application in Gas-Controlled Self-Assembly and Release. <i>Journal of the American Chemical Society</i> , 2015, 137, 10472-10475.	6.6	188
62	Macrocyclic amphiphiles. <i>Chemical Society Reviews</i> , 2015, 44, 3568-3587.	18.7	188
63	Encoding, Reading, and Transforming Information Using Multifluorescent Supramolecular Polymeric Hydrogels. <i>Advanced Materials</i> , 2018, 30, 1705480.	11.1	185
64	A Supramolecular Triarm Star Polymer from a Homotritopic Tris(Crown Ether) Host and a Complementary Monotopic Paraquat-Terminated Polystyrene Guest by a Supramolecular Coupling Method. <i>Journal of the American Chemical Society</i> , 2005, 127, 484-485.	6.6	183
65	Hydroxylated Pillar[6]arene: Synthesis, X-ray Crystal Structure, and Host-Guest Complexation. <i>Organic Letters</i> , 2012, 14, 1532-1535.	2.4	181
66	A non-symmetric pillar[5]arene-based selective anion receptor for fluoride. <i>Chemical Communications</i> , 2012, 48, 2958.	2.2	169
67	A new water-soluble pillar[5]arene: synthesis and application in the preparation of gold nanoparticles. <i>Chemical Communications</i> , 2012, 48, 6505.	2.2	169
68	Vapochromic crystals: understanding vapochromism from the perspective of crystal engineering. <i>Chemical Society Reviews</i> , 2020, 49, 1517-1544.	18.7	166
69	Ion Pairing in Fast-Exchange Host-Guest Systems: A Concentration Dependence of Apparent Association Constants for Complexes of Neutral Hosts and Divalent Guest Salts with Monovalent Counterions. <i>Journal of the American Chemical Society</i> , 2003, 125, 14458-14464.	6.6	163
70	A Dual-Thermoresponsive Gemini-Type Supra-amphiphilic Macromolecular [3]Pseudorotaxane Based on Pillar[10]arene/Paraquat Cooperative Complexation. <i>Journal of the American Chemical Society</i> , 2016, 138, 3168-3174.	6.6	162
71	Tetraphenylethene-based highly emissive metallacage as a component of theranostic supramolecular nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13720-13725.	3.3	161
72	A Novel Diblock Copolymer with a Supramolecular Polymer Block and a Traditional Polymer Block: Preparation, Controllable Self-Assembly in Water, and Application in Controlled Release. <i>Advanced Materials</i> , 2013, 25, 5725-5729.	11.1	159

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73	A pillar[5]arene-based [2]rotaxane lights up mitochondria. <i>Chemical Science</i> , 2016, 7, 3017-3024.	3.7	153
74	Gold nanoparticles stabilized by an amphiphilic pillar[5]arene: preparation, self-assembly into composite microtubes in water and application in green catalysis. <i>Chemical Science</i> , 2013, 4, 3667.	3.7	152
75	Supramolecular polymers. <i>Chemical Society Reviews</i> , 2012, 41, 5879.	18.7	149
76	Supramolecular peptide constructed by molecular Lego allowing programmable self-assembly for photodynamic therapy. <i>Nature Communications</i> , 2019, 10, 2412.	5.8	147
77	Four constitutional isomers of Bmpillar[5]arene: synthesis, crystal structures and complexation with n-octyltrimethyl ammonium hexafluorophosphate. <i>Chemical Communications</i> , 2011, 47, 2417-2419.	2.2	146
78	Reversible Ion-Conducting Switch in a Novel Single-Ion Supramolecular Hydrogel Enabled by Photoresponsive Host-Guest Molecular Recognition. <i>Advanced Materials</i> , 2019, 31, e1807328.	11.1	144
79	Formation of a Cyclic Dimer Containing Two Mirror Image Monomers in the Solid State Controlled by van der Waals Forces. <i>Organic Letters</i> , 2011, 13, 4818-4821.	2.4	140
80	Cationic pillar[6]arene/ATP host-guest recognition: selectivity, inhibition of ATP hydrolysis, and application in multidrug resistance treatment. <i>Chemical Science</i> , 2016, 7, 4073-4078.	3.7	139
81	A bola-type supra-amphiphile constructed from a water-soluble pillar[5]arene and a rod-coil molecule for dual fluorescent sensing. <i>Chemical Science</i> , 2014, 5, 2778.	3.7	138
82	A Cryptand/Bisparaquat [3]Pseudorotaxane by Cooperative Complexation. <i>Journal of the American Chemical Society</i> , 2003, 125, 9272-9273.	6.6	137
83	Bis(m-phenylene)-32-crown-10-Based Cryptands, Powerful Hosts for Paraquat Derivatives. <i>Journal of Organic Chemistry</i> , 2005, 70, 3231-3241.	1.7	134
84	First Pseudorotaxane-Like [3]Complexes Based on Cryptands and Paraquat: Self-Assembly and Crystal Structures. <i>Journal of the American Chemical Society</i> , 2003, 125, 9367-9371.	6.6	133
85	Pillararene Host-Guest Complexation Induced Chirality Amplification: A New Way to Detect Cryptochiral Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10868-10872.	7.2	133
86	Linear Positional Isomer Sorting in Nonporous Adaptive Crystals of a Pillar[5]arene. <i>Journal of the American Chemical Society</i> , 2018, 140, 3190-3193.	6.6	132
87	Supramolecular polymer nanofibers via electrospinning of a heteroditopic monomer. <i>Chemical Communications</i> , 2011, 47, 7086.	2.2	131
88	Introduction: Supramolecular Chemistry. <i>Chemical Reviews</i> , 2015, 115, 6999-7000.	23.0	131
89	Complexation between Pillar[5]arenes and a Secondary Ammonium Salt. <i>Organic Letters</i> , 2012, 14, 1712-1715.	2.4	130
90	A self-healing supramolecular polymer gel with stimuli-responsiveness constructed by crown ether based molecular recognition. <i>Polymer Chemistry</i> , 2013, 4, 3312.	1.9	129

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91	Dendronized Organoplatinum(II) Metallacyclic Polymers Constructed by Hierarchical Coordination-Driven Self-Assembly and Hydrogen-Bonding Interfaces. <i>Journal of the American Chemical Society</i> , 2013, 135, 16813-16816.	6.6	129
92	Formation of a Linear Supramolecular Polymer by Self-Assembly of Two Homoditopic Monomers Based on the Bis(m-phenylene)-32-crown-10/Paraquat Recognition Motif. <i>Macromolecules</i> , 2007, 40, 3561-3567.	2.2	127
93	Improved complexation of paraquat derivatives by the formation of crown ether-based cryptands. <i>Chemical Communications</i> , 2010, 46, 8131.	2.2	127
94	Photoinduced transformations of stiff-stilbene-based discrete metallacycles to metallosupramolecular polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8717-8722.	3.3	127
95	A Pillararene-Based Ternary Drug-Delivery System with Photocontrolled Anticancer Drug Release. <i>Small</i> , 2015, 11, 919-925.	5.2	127
96	Dual-Encryption in a Shape-Memory Hydrogel with Tunable Fluorescence and Reconfigurable Architecture. <i>Advanced Materials</i> , 2021, 33, e2102023.	11.1	127
97	Pillar[5]arene-based amphiphilic supramolecular brush copolymers: fabrication, controllable self-assembly and application in self-imaging targeted drug delivery. <i>Polymer Chemistry</i> , 2016, 7, 6178-6188.	1.9	125
98	Formation of Planar Chiral Platinum Triangles via Pillar[5]arene for Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 17340-17345.	6.6	125
99	Photo-responsive self-assembly based on a water-soluble pillar[6]arene and an azobenzene-containing amphiphile in water. <i>Chemical Communications</i> , 2014, 50, 3606.	2.2	124
100	Host-guest complexation induced emission: a pillar[6]arene-based complex with intense fluorescence in dilute solution. <i>Chemical Communications</i> , 2014, 50, 5017.	2.2	119
101	Supramolecular Construction of Multifluorescent Gels: Interfacial Assembly of Discrete Fluorescent Gels through Multiple Hydrogen Bonding. <i>Advanced Materials</i> , 2015, 27, 8062-8066.	11.1	118
102	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1803-1915.	3.2	117
103	Separation of Aromatics/Cyclic Aliphatics by Nonporous Adaptive Pillararene Crystals. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12845-12849.	7.2	116
104	Fabrication of a Targeted Drug Delivery System from a Pillar[5]arene-Based Supramolecular Diblock Copolymeric Amphiphile for Effective Cancer Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 8999-9008.	7.8	115
105	Formation of linear main-chain polypseudorotaxanes with supramolecular polymer backbones via two self-sorting host-guest recognition motifs. <i>Chemical Communications</i> , 2009, , 4375.	2.2	114
106	Syntheses of a pillar[4]arene[1]quinone and a difunctionalized pillar[5]arene by partial oxidation. <i>Chemical Communications</i> , 2012, 48, 9876.	2.2	114
107	Taco Complex Templated Syntheses of a Cryptand/Paraquat [2]Rotaxane and a [2]Catenane by Olefin Metathesis. <i>Organic Letters</i> , 2009, 11, 3350-3353.	2.4	113
108	LCST-Type Phase Behavior Induced by Pillar[5]arene/Ionic Liquid Host-Guest Complexation. <i>Advanced Materials</i> , 2013, 25, 6864-6867.	11.1	113



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109	Alkyl Chain Length-Selective Vapor-Induced Fluorochromism of Pillar[5]arene-Based Nonporous Adaptive Crystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 13290-13294.	6.6	110
110	Supramolecular- $\epsilon$ -Macrocyclic-Based Crystalline Organic Materials. <i>Advanced Materials</i> , 2020, 32, e1904824.	11.1	110
111	Controllable macrocyclic supramolecular assemblies in aqueous solution. <i>Science China Chemistry</i> , 2018, 61, 979-992.	4.2	108
112	A Self-Cross-Linking Supramolecular Polymer Network Enabled by Crown-Ether-Based Molecular Recognition. <i>Journal of the American Chemical Society</i> , 2020, 142, 2051-2058.	6.6	108
113	An AIEE fluorescent supramolecular cross-linked polymer network based on pillar[5]arene host-guest recognition: construction and application in explosive detection. <i>Chemical Communications</i> , 2018, 54, 4866-4869.	2.2	107
114	A pillar[5]arene-based 3D network polymer for rapid removal of organic micropollutants from water. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24217-24222.	5.2	105
115	Molecular Architecture via Coordination: Self-Assembly of Nanoscale Hexagonal Metallodendrimers with Designed Building Blocks. <i>Journal of the American Chemical Society</i> , 2006, 128, 10014-10015.	6.6	103
116	Recent progress in macrocyclic amphiphiles and macrocyclic host-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2152-2174.	3.2	102
117	A Discrete Amphiphilic Organoplatinum(II) Metallacycle with Tunable Lower Critical Solution Temperature Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 15497-15500.	6.6	101
118	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
119	Anion-Controlled Ion-Pair Recognition of Paraquat by a Bis( <i>m</i> -phenylene)-32-crown-10 Derivative Heteroditopic Host. <i>Journal of Organic Chemistry</i> , 2009, 74, 1322-1328.	1.7	100
120	Photoresponsive Host-Guest Systems Based on a New Azobenzene-Containing Cryptand. <i>Organic Letters</i> , 2010, 12, 2558-2561.	2.4	100
121	A novel pH-responsive supramolecular polymer constructed by pillar[5]arene-based host-guest interactions. <i>Polymer Chemistry</i> , 2013, 4, 2019.	1.9	100
122	Constructing Adaptive Photosensitizers via Supramolecular Modification Based on Pillararene Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11779-11783.	7.2	100
123	Supramolecule-mediated synthesis of MoS <sub>2</sub> /reduced graphene oxide composites with enhanced electrochemical performance for reversible lithium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6884-6893.	5.2	95
124	Physical Removal of Anions from Aqueous Media by Means of a Macrocyclic-Containing Polymeric Network. <i>Journal of the American Chemical Society</i> , 2018, 140, 2777-2780.	6.6	91
125	Synthesis of various supramolecular hybrid nanostructures based on pillar[6]arene modified gold nanoparticles/nanorods and their application in pH- and NIR-triggered controlled release. <i>Chemical Science</i> , 2014, 5, 4312-4316.	3.7	89
126	pH-Responsive Supramolecular Control of Polymer Thermoresponsive Behavior by Pillararene-Based Host-Guest Interactions. <i>ACS Macro Letters</i> , 2014, 3, 110-113.	2.3	87



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127	Supramolecular enhancement of aggregation-induced emission and its application in cancer cell imaging. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6609-6617.	2.7	87
128	Mechanochemical synthesis of pillar[5]quinone derived multi-microporous organic polymers for radioactive organic iodide capture and storage. <i>Nature Communications</i> , 2020, 11, 1086.	5.8	87
129	Post-Synthetic Modification of Nonporous Adaptive Crystals of Pillar[4]arene[1]quinone by Capturing Vaporized Amines. <i>Journal of the American Chemical Society</i> , 2018, 140, 15070-15079.	6.6	86
130	Dihalobenzene Shape Sorting by Nonporous Adaptive Crystals of Perbromoethylated Pillararenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3981-3985.	7.2	86
131	Dual-emissive Platinum(II) Metallacage with a Sensitive Oxygen Response for Imaging of Hypoxia and Imaging-guided Chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20208-20214.	7.2	85
132	Separation of Benzene and Cyclohexane by Nonporous Adaptive Crystals of a Hybrid[3]arene. <i>Journal of the American Chemical Society</i> , 2020, 142, 2228-2232.	6.6	85
133	Cooperative Silver Ion-Pair Recognition by Peralkylated Pillar[5]arenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 15008-15012.	6.6	84
134	Genome editing of mutant KRAS through supramolecular polymer-mediated delivery of Cas9 ribonucleoprotein for colorectal cancer therapy. <i>Journal of Controlled Release</i> , 2020, 322, 236-247.	4.8	83
135	Cyclization-Promoted Ultralong Low-Temperature Phosphorescence via Boosting Intersystem Crossing. <i>Journal of the American Chemical Society</i> , 2021, 143, 2164-2169.	6.6	82
136	Reconstructable Gradient Structures and Reprogrammable 3D Deformations of Hydrogels with Coumarin Units as the Photolabile Crosslinks. <i>Advanced Materials</i> , 2021, 33, e2008057.	11.1	82
137	Separation of Monochlorotoluene Isomers by Nonporous Adaptive Crystals of Perethylated Pillar[5]arene and Pillar[6]arene. <i>Journal of the American Chemical Society</i> , 2019, 141, 17102-17106.	6.6	81
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