

Feihe Huang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8702153/feihe-huang-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

351
papers

33,501
citations

99
h-index

172
g-index

386
ext. papers

37,731
ext. citations

11.4
avg, IF

7.78
L-index

#	Paper	IF	Citations
351	NIR-II phototherapy agents with aggregation-induced emission characteristics for tumor imaging and therapy.. <i>Biomaterials</i> , 2022 , 285, 121535	15.6	8
350	Paper without a trail Time-dependent Encryption Using pillar[5]Arene-based Host-guest Invisible ink. <i>Advanced Materials</i> , 2021 , e2108163	24	7
349	A NIR Discrete Metallacycle Constructed from Perylene Bisimide and Tetraphenylethylene Fluorophores for Imaging-Guided Cancer Radiochemotherapy. <i>Advanced Materials</i> , 2021 , e2106388	24	15
348	Artificial transmembrane ion transporters as potential therapeutics. <i>Chem</i> , 2021 ,	16.2	6
347	Pillararene-based supramolecular systems for theranostics and bioapplications. <i>Science China Chemistry</i> , 2021 , 64, 688-700	7.9	16
346	Vapochromic Behaviors of A Solid-State Supramolecular Polymer Based on Exo-Wall Complexation of Perethylated Pillar[5]arene with 1,2,4,5-Tetracyanobenzene. <i>Angewandte Chemie</i> , 2021 , 133, 8196-8201	20.6	2
345	Reconstructable Gradient Structures and Reprogrammable 3D Deformations of Hydrogels with Coumarin Units as the Photolabile Crosslinks. <i>Advanced Materials</i> , 2021 , 33, e2008057	24	30
344	Vapochromic Behaviors of A Solid-State Supramolecular Polymer Based on Exo-Wall Complexation of Perethylated Pillar[5]arene with 1,2,4,5-Tetracyanobenzene. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8115-8120	16.4	20
343	"Texas-Sized" Molecular Boxes: From Chemistry to Applications. <i>Molecules</i> , 2021 , 26,	4.8	2
342	Combating antibiotic resistance: current strategies for the discovery of novel antibacterial materials based on macrocycle supramolecular chemistry. <i>Giant</i> , 2021 , 100066	5.6	14
341	Dual-Encryption in a Shape-Memory Hydrogel with Tunable Fluorescence and Reconfigurable Architecture. <i>Advanced Materials</i> , 2021 , 33, e2102023	24	39
340	Multifunctional Pillar[]arene-Based Smart Nanomaterials. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31337-31354	9.5	10
339	Chemoresponsive Supramolecular Polypseudorotaxanes with Infinite Switching Capability. <i>Angewandte Chemie</i> , 2021 , 133, 20150-20155	3.6	0
338	A [15]paracyclophenone and its fluorenone-containing derivatives: syntheses and binding to nerve agent mimics via aryl-CH hydrogen bonding interactions. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 25-31	5.2	2
337	Molecular Cages Self-Assembled by Imine Condensation in Water. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4705-4711	16.4	25
336	Azobenzene-Based Macrocyclic Arenes: Synthesis, Crystal Structures, and Light-Controlled Molecular Encapsulation and Release. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5766-5770	16.4	16
335	Molecular Cages Self-Assembled by Imine Condensation in Water. <i>Angewandte Chemie</i> , 2021 , 133, 4755-4761	16.1	14

334	Azobenzene-Based Macrocyclic Arenes: Synthesis, Crystal Structures, and Light-Controlled Molecular Encapsulation and Release. <i>Angewandte Chemie</i> , 2021 , 133, 5830-5834	3.6	7
333	Supramolecular coordination complexes as diagnostic and therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2021 , 61, 19-31	9.7	11
332	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021 , 50, 2839-2891	58.5	88
331	A water-soluble naphthalenediimide-containing hexacationic cage. <i>Chemical Communications</i> , 2021 , 57, 6074-6077	5.8	0
330	Selective adsorptive separation of cyclohexane over benzene using thienothiophene cages. <i>Chemical Science</i> , 2021 , 12, 5315-5318	9.4	15
329	Cyclization-Promoted Ultralong Low-Temperature Phosphorescence via Boosting Intersystem Crossing. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2164-2169	16.4	24
328	Highly Selective Separation of Isopropylbenzene and β Methylstyrene by Nonporous Adaptive Crystals of Perbromoethylated Pillararene via Vapor- and Liquid-Phase Adsorptions. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7370-7376	9.5	9
327	Selective Separation of Phenanthrene from Aromatic Isomer Mixtures by a Water-Soluble Azobenzene-Based Macrocyclic. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3081-3085	16.4	16
326	Chemoresponsive Supramolecular Polypseudorotaxanes with Infinite Switching Capability. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19997-20002	16.4	6
325	Synthetic Macrocyclic Nanopore for Potassium-Selective Transmembrane Transport. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15975-15983	16.4	6
324	Pillar[5]arene-based ion-pair recognition for constructing a [2]pseudorotaxane with supramolecular interaction induced LCST behavior. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3675-3680	5.2	2
323	Supramolecular control over thermo-responsive systems with lower critical solution temperature behavior. <i>Aggregate</i> , 2021 , 2, 35-47	22.9	4
322	Selective Separation of Methylfuran and Dimethylfuran by Nonporous Adaptive Crystals of Pillararenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19722-19730	16.4	19
321	Acid/Base-Tunable Unimolecular Chirality Switching of a Pillar[5]azacrown [1]Catenane. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19772-19778	16.4	32
320	Polymeric Nanoparticles Integrated from Discrete Organoplatinum(II) Metallacycle by Stepwise Post-assembly Polymerization for Synergistic Cancer Therapy. <i>Chemistry of Materials</i> , 2020 , 32, 4564-4573	9.6	19
319	Functional Supramolecular Polymeric Networks: The Marriage of Covalent Polymers and Macrocyclic-Based Host-Guest Interactions. <i>Chemical Reviews</i> , 2020 , 120, 6070-6123	68.1	196
318	Highly selective removal of heterocyclic impurities from toluene by nonporous adaptive crystals of perethylated pillar[6]arene. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2325-2329	7.8	5
317	Hierarchical Self-Assembled Photo-Responsive Tubisomes from a Cyclic Peptide-Bridged Amphiphilic Block Copolymer. <i>Angewandte Chemie</i> , 2020 , 132, 8945-8948	3.6	5

3 ¹⁶	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	11.7	45
3 ¹⁵	Separation of 2-Chloropyridine/3-Chloropyridine by Nonporous Adaptive Crystals of Pillararenes with Different Substituents and Cavity Sizes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6360-6364	16.4	39
3 ¹⁴	Highly Selective Removal of Trace Isomers by Nonporous Adaptive Pillararene Crystals for Chlorobutane Purification. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6957-6961	16.4	28
3 ¹³	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1803-1915	7.8	70
3 ¹²	Pillararene Host-Guest Complexation Induced Chirality Amplification: A New Way to Detect Cryptochiral Compounds. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10868-10872	16.4	58
3 ¹¹	Construction of Supramolecular Polymers Based on Host-Guest Recognition. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1473-1479	4.9	10
3 ¹⁰	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	17.4	38
3 ⁰⁹	Hierarchical Self-Assembled Photo-Responsive Tubosomes from a Cyclic Peptide-Bridged Amphiphilic Block Copolymer. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8860-8863	16.4	26
3 ⁰⁸	Highly Selective Separation of Minimum-Boiling Azeotrope Toluene/Pyridine by Nonporous Adaptive Crystals of Cucurbit[6]uril. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5355-5358	16.4	36
3 ⁰⁷	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	16.4	46
3 ⁰⁶	Highly Selective Separation of Minimum-Boiling Azeotrope Toluene/Pyridine by Nonporous Adaptive Crystals of Cucurbit[6]uril. <i>Angewandte Chemie</i> , 2020 , 132, 5393-5396	3.6	8
3 ⁰⁵	Cocrystallization with a clip-type molecule catcher: a new method to determine structures of liquid molecules. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 742-746	5.2	4
3 ⁰⁴	Light-triggered topological programmability in a dynamic covalent polymer network. <i>Science Advances</i> , 2020 , 6, eaaz2362	14.3	42
3 ⁰³	Pillararene Host-Guest Complexation Induced Chirality Amplification: A New Way to Detect Cryptochiral Compounds. <i>Angewandte Chemie</i> , 2020 , 132, 10960-10964	3.6	22
3 ⁰²	Mechanochemistry of an Interlocked Poly[2]catenane: From Single Molecule to Bulk Gel. <i>CCS Chemistry</i> , 2020 , 2, 513-523	7.2	17
3 ⁰¹	Construction of pillar[4]arene[1]quinone-1,10-dibromodecane pseudorotaxanes in solution and in the solid state. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 2954-2959	2.5	1
3 ⁰⁰	Pillararene-Based Supramolecular Functional Materials. <i>Trends in Chemistry</i> , 2020 , 2, 850-864	14.8	20
2 ⁹⁹	Vapochromic crystals: understanding vapochromism from the perspective of crystal engineering. <i>Chemical Society Reviews</i> , 2020 , 49, 1517-1544	58.5	91

298	Supramolecular-Macrocyclic-Based Crystalline Organic Materials. <i>Advanced Materials</i> , 2020 , 32, e19048244	4.4	51
297	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	16.4	58
296	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	16.4	45
295	Supramolecular Tessellations via Pillar[5]arenes-Based Exo-Wall Interactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20892-20901	16.4	12
294	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	16.4	39
293	Dual-Emissive Platinum(II) Metallacage with a Sensitive Oxygen Response for Imaging of Hypoxia and Imaging-Guided Chemotherapy. <i>Angewandte Chemie</i> , 2020 , 132, 20383-20389	3.6	7
292	Transformation of Nonporous Adaptive Pillar[4]arene[1]quinone Crystals into Fluorescent Crystals via Multi-Step Solid-Vapor Postsynthetic Modification for Fluorescence Turn-on Sensing of Ethylenediamine. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15560-15568	16.4	12
291	Anomalously Slow Conformational Change Dynamics of Polar Groups Anchored to Hydrophobic Surfaces in Aqueous Media. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3321-3325	4.5	
290	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	16.4	26
289	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	8.1	44
288	A poly(ionic liquid)-pillar[5]arene honeycombed isoporous membrane for high performance Cu ²⁺ sensors. <i>Applied Surface Science</i> , 2020 , 500, 144056	6.7	7
287	Constructing Adaptive Photosensitizers via Supramolecular Modification Based on Pillararene Host-Guest Interactions. <i>Angewandte Chemie</i> , 2020 , 132, 11877-11881	3.6	9
286	Constructing Adaptive Photosensitizers via Supramolecular Modification Based on Pillararene Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11779-11783	16.4	53
285	[2]Pseudorotaxane-Based Supramolecular Optical Indicator for the Visual Detection of Cellular Cyanide Excretion. <i>Chemistry - A European Journal</i> , 2019 , 25, 14447-14453	4.8	11
284	Cooperative Silver Ion-Pair Recognition by Peralkylated Pillar[5]arenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15008-15012	16.4	51
283	β-Metalated [1]Paracyclophanes: Synthesis and Binding to Oxo-Anions via Anion-π Interactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16501-16511	16.4	12
282	[15]Paracyclophane and [16]paracyclophane: facile syntheses, crystal structures and selective complexation with cesium cations in the gas phase. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 309-312	5.2	7
281	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	24	95

280	Drilling by light: ice-templated photo-patterning enabled by a dynamically crosslinked hydrogel. <i>Materials Horizons</i> , 2019 , 6, 1013-1019	14.4	32
279	Dihalobenzene Shape Sorting by Nonporous Adaptive Crystals of Perbromoethylated Pillararenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3981-3985	16.4	64
278	Hydrogels for anion removal from water. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1394-1403	13	38
277	Pillar[5]arene-Based Molecular Recognition Induced Crystal-to-Crystal Transformation and Its Application in Adsorption of Adiponitrile in Water 2019 , 1, 111-115		7
276	Supramolecular therapeutics to treat the side effects induced by a depolarizing neuromuscular blocking agent. <i>Theranostics</i> , 2019 , 9, 3107-3121	12.1	23
275	Supramolecular peptide constructed by molecular Lego allowing programmable self-assembly for photodynamic therapy. <i>Nature Communications</i> , 2019 , 10, 2412	17.4	98
274	Self-Assembled Amphiphilic Janus Double Metallacycle. <i>Inorganic Chemistry</i> , 2019 , 58, 7141-7145	5.1	9
273	Adhesive supramolecular polymeric materials constructed from macrocycle-based host-guest interactions. <i>Chemical Society Reviews</i> , 2019 , 48, 2682-2697	58.5	113
272	Construction of a [2]pseudorotaxane and a [3]pseudorotaxane based on perbromoethylated pillar[5]arene/pyridinium iodide ion-pair recognition. <i>Chemical Communications</i> , 2019 , 55, 4527-4530	5.8	15
271	Dihalobenzene Shape Sorting by Nonporous Adaptive Crystals of Perbromoethylated Pillararenes. <i>Angewandte Chemie</i> , 2019 , 131, 4021-4025	3.6	16
270	An Inhospitable Cryptand: The Importance of Conformational Freedom in Host-Guest Complexation. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3472-3479	3.2	0
269	Spontaneous Formation of a Cross-Linked Supramolecular Polymer Both in the Solid State and in Solution, Driven by Platinum(II) Metallacycle-Based Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6494-6498	16.4	46
268	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	16.4	69
267	Nanomedicine Fabricated from A Boron-dipyrrromethene (BODIPY)-Embedded Amphiphilic Copolymer for Photothermal-Enhanced Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 4463-4473	5.5	12
266	Water-soluble pillar[5]arenes: A new class of plant growth regulators. <i>Tetrahedron Letters</i> , 2019 , 60, 150949	2	9
265	- Selectivity of Haloalkene Isomers in Nonporous Adaptive Pillararene Crystals. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11847-11851	16.4	50
264	Catalytic reactions within the cavity of coordination cages. <i>Chemical Society Reviews</i> , 2019 , 48, 4707-4730	39.5	172
263	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	16.4	46

262	Multi-functional Pillararene-Stabilized Gold Nanoparticles. <i>Matter</i> , 2019 , 1, 788-789	12.7	2
261	Applications of pillararene NACs in adsorption and separation. <i>Scientia Sinica Chimica</i> , 2019 , 49, 832-843	1.6	5
260	Cyclic Ether Contaminant Removal from Water Using Nonporous Adaptive Pillararene Crystals via Host-Guest Complexation at the Solid-Solution Interface. <i>Research</i> , 2019 , 2019, 5406365	7.8	10
259	Diastereoselective Control of Tetraphenylethene Reactivity by Metal Template Self-Assembly. <i>Chemistry - A European Journal</i> , 2019 , 25, 5708-5718	4.8	6
258	A pillar[5]arene-based hydrogel adsorbent in aqueous environments for organic micropollutants. <i>Polymer Chemistry</i> , 2019 , 10, 5821-5828	4.9	21
257	Aggregation-Induced Emission on Supramolecular Coordination Complexes Platforms 2019 , 163-194		1
256	Polyrotaxane-based supramolecular theranostics. <i>Nature Communications</i> , 2018 , 9, 766	17.4	138
255	Supramolecular Hybrid Material Constructed from Graphene Oxide and Pillar[6]arene-Based Host-Guest Complex as a Ultrasound and Photoacoustic Signals Nanoamplifier. <i>Materials Horizons</i> , 2018 , 5, 429-435	14.4	46
254	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	5.8	87
253	Controllable Self-Assembly of Macrocycles in Water for Isolating Aromatic Hydrocarbon Isomers. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5955-5961	16.4	43
252	An ATP/ATPase responsive supramolecular fluorescent hydrogel constructed via electrostatic interactions between poly(sodium p-styrenesulfonate) and a tetraphenylethene derivative. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2728-2733	7.3	38
251	Clip[4]arene: synthesis, rigid acyclic C-shaped structure, and redox-controlled host-guest complexation. <i>Tetrahedron Letters</i> , 2018 , 59, 1204-1207	2	5
250	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	16.4	100
249	Physical Removal of Anions from Aqueous Media by Means of a Macrocycle-Containing Polymeric Network. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2777-2780	16.4	78
248	Formation of Linear Side-Chain Polypseudorotaxane with Supramolecular Polymer Backbone through Neutral Halogen Bonds and Pillar[5]arene-Based Host-Guest Interactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 4264-4267	4.8	32
247	Encoding, Reading, and Transforming Information Using Multifluorescent Supramolecular Polymeric Hydrogels. <i>Advanced Materials</i> , 2018 , 30, 1705480	24	115
246	Pseudocryptand Hosts for Paraquats and Diquats. <i>Journal of Organic Chemistry</i> , 2018 , 83, 823-834	4.2	10
245	Barium cation-responsive supra-amphiphile constructed by a new twisted cucurbit[15]uril/paraquat recognition motif in water. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1940-1944	5.2	14

244	Controllable macrocyclic supramolecular assemblies in aqueous solution. <i>Science China Chemistry</i> , 2018 , 61, 979-992	7.9	81
243	Nonporous Adaptive Crystals of Pillararenes. <i>Accounts of Chemical Research</i> , 2018 , 51, 2064-2072	24.3	240
242	Near-Ideal Xylene Selectivity in Adaptive Molecular Pillar[<i>n</i>]arene Crystals. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6921-6930	16.4	130
241	Clip[5]arenes: A new family of molecular clips. <i>Tetrahedron Letters</i> , 2018 , 59, 3477-3480	2	2
240	Separation of Aromatics/Cyclic Aliphatics by Nonporous Adaptive Pillararene Crystals. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12845-12849	16.4	83
239	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8005-8019	16.4	168
238	Aliphatic Aldehyde Detection and Adsorption by Nonporous Adaptive Pillar[4]arene[1]quinone Crystals with Vapochromic Behavior. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 23147-23153	9.5	32
237	pH-Responsive Host-Guest Complexation between a Water-soluble Pillar[7]Arene and a 2,7-Diazapyrenium Salt and Its Application in Controllable Self-assembly. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 59-62	4.9	15
236	Catenane Crosslinked Mechanically Adaptive Polymer Gel. <i>Macromolecular Rapid Communications</i> , 2018 , 39, 1700361	4.8	25
235	A dual redox-responsive supramolecular amphiphile fabricated by selenium-containing pillar[6]arene-based molecular recognition. <i>Chemical Communications</i> , 2018 , 54, 12856-12859	5.8	30
234	Supramolecular Solid-State Microlaser Constructed from Pillar[5]arene-Based Host-Guest Complex Microcrystals. <i>Journal of the American Chemical Society</i> , 2018 , 140, 15651-15654	16.4	50
233	Recent progress in macrocyclic amphiphiles and macrocyclic host-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 2152-2174	7.8	76
232	Single Chromophore-Based White-Light-Emitting Hydrogel with Tunable Fluorescence and Patternability. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39343-39352	9.5	51
231	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	16.4	64
230	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018 , 9, 4335	17.4	118
229	Construction of Metallacage-Cored Supramolecular Gel by Hierarchical Self-Assembly of Metal Coordination and Pillar[5]arene-Based Host-Guest Recognition. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800655	4.8	31
228	Separation of Aromatics/Cyclic Aliphatics by Nonporous Adaptive Pillararene Crystals. <i>Angewandte Chemie</i> , 2018 , 130, 13027-13031	3.6	30
227	Double layer 3D codes: fluorescent supramolecular polymeric gels allowing direct recognition of the chloride anion using a smart phone. <i>Chemical Science</i> , 2018 , 9, 7746-7752	9.4	36

226	Highly Emissive Self-Assembled BODIPY-Platinum Supramolecular Triangles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7730-7736	16.4	144
225	Pillararene-based host-guest recognition facilitated magnetic separation and enrichment of cell membrane proteins. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1475-1480	7.8	23
224	Taco complex-templated highly regio- and stereo-selective photodimerization of a coumarin-containing crown ether. <i>Chemical Communications</i> , 2017 , 53, 1688-1691	5.8	15
223	Steric effects on complexation of bis(meta -phenylene)-32-crown-10 derivatives with paraquats. <i>Heteroatom Chemistry</i> , 2017 , 28,	1.2	2
222	Styrene Purification by Guest-Induced Restructuring of Pillar[6]arene. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2908-2911	16.4	148
221	Fluorescent Supramolecular Polymeric Materials. <i>Advanced Materials</i> , 2017 , 29, 1606117	24	156
220	Fluorescent Supramolecular Polymers Based on Pillar[5]arene for OLED Device Fabrication. <i>ACS Macro Letters</i> , 2017 , 6, 647-651	6.6	36
219	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5067-5074	16.4	230
218	Fabrication of few-layer molybdenum disulfide/reduced graphene oxide hybrids with enhanced lithium storage performance through a supramolecule-mediated hydrothermal route. <i>Carbon</i> , 2017 , 114, 125-133	10.4	25
217	A Multiresponsive Amphiphilic Supramolecular Diblock Copolymer Based on Pillar[10]arene/Paraquat Complexation for Rate-Tunable Controlled Release. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600626	4.8	20
216	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	13	69
215	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	58.5	399
214	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	16.4	172
213	Platinum(II)-Based Convex Trigonal-Prismatic Cages via Coordination-Driven Self-Assembly and C Encapsulation. <i>Inorganic Chemistry</i> , 2017 , 56, 12498-12504	5.1	21
212	Near-Infrared Emissive Discrete Platinum(II) Metallacycles: Synthesis and Application in Ammonia Detection. <i>Organic Letters</i> , 2017 , 19, 5728-5731	6.2	29
211	Reversible Iodine Capture by Nonporous Pillar[6]arene Crystals. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15320-15323	16.4	152
210	Ultrastiff Hydrogels Prepared by Schiff's Base Reaction of Bis(p-Formylphenyl) Sebacate and Pillar[5]arene Appended with Multiple Hydrazides. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700232	4.8	26
209	A redox-responsive supramolecular amphiphile fabricated by selenium-containing pillar[5]arene-based host-guest recognition. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 2387-2391	5.2	23

208	Enhancing the solubility and bioactivity of anticancer drug tamoxifen by water-soluble pillar[6]arene-based host-guest complexation. <i>Chemical Communications</i> , 2017 , 53, 9749-9752	5.8	39
207	Pillar[5]arene-based chiral 3D polymer network for heterogeneous asymmetric catalysis. <i>Polymer Chemistry</i> , 2017 , 8, 7108-7112	4.9	29
206	A redox-responsive selenium-containing pillar[5]arene-based macrocyclic amphiphile: synthesis, controllable self-assembly in water, and application in controlled release. <i>Chemical Communications</i> , 2017 , 53, 8364-8367	5.8	39
205	Preparation of a white-light-emitting fluorescent supramolecular polymer gel with a single chromophore and use of the gel to fabricate a protected quick response code. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 167-171	7.8	46
204	A pillar[6]arene-based [2]pseudorotaxane in solution and in the solid state and its photo-responsive self-assembly behavior in solution. <i>Chemical Communications</i> , 2016 , 52, 513-6	5.8	34
203	Cyclo[4]carbazole, an Iodide Anion Macrocyclic Receptor. <i>Organic Letters</i> , 2016 , 18, 5054-5057	6.2	36
202	Fluorescence indicator displacement detection based on pillar[5]arene-assisted dye deprotonation. <i>Chemical Communications</i> , 2016 , 52, 10016-9	5.8	33
201	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	15.6	91
200	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	11.5	127
199	AIE opens new applications in super-resolution imaging. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7761-7765	7.5	19
198	Controlling amphiphilic copolymer self-assembly morphologies based on macrocycle/anion recognition and nucleotide-induced payload release. <i>Chemical Science</i> , 2016 , 7, 6006-6014	9.4	39
197	A pillar[5]arene-based [2]rotaxane lights up mitochondria. <i>Chemical Science</i> , 2016 , 7, 3017-3024	9.4	126
196	Improved in vivo tumor therapy via host-guest complexation. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 2691-2696	7.3	27
195	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, 4580-8	16.4	178
194	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, 3168-74	16.4	139
193	Nanoparticles with Near-Infrared Emission Enhanced by Pillararene-Based Molecular Recognition in Water. <i>Journal of the American Chemical Society</i> , 2016 , 138, 80-3	16.4	234
192	A boron difluoride dye showing the aggregation-induced emission feature and high sensitivity to intra- and extra-cellular pH changes. <i>Chemical Communications</i> , 2016 , 52, 541-4	5.8	20
191	Supramolecular Copolymer Constructed by Hierarchical Self-Assembly of Orthogonal Host-Guest, H-Bonding, and Coordination Interactions. <i>ACS Macro Letters</i> , 2016 , 5, 671-675	6.6	40

190	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	9.4	114
189	Pillar[5]arene-based amphiphilic supramolecular brush copolymer: fabrication, controllable self-assembly and application in self-imaging targeted drug delivery. <i>Polymer Chemistry</i> , 2016 , 7, 6178-6188	4.9	107
188	Construction of a pillar[6]arene based water-soluble supramolecular pseudopolyrotaxane driven by cucurbit[8]uril-enhanced π - π interaction. <i>Chemical Communications</i> , 2016 , 52, 12510-12512	5.8	23
187	CO ₂ 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, 10472-5	16.4	163
186	Macrocyclic amphiphiles. <i>Chemical Society Reviews</i> , 2015 , 44, 3568-87	58.5	163
185	Supramolecular Amphiphiles Based on Host-Guest Molecular Recognition Motifs. <i>Chemical Reviews</i> , 2015 , 115, 7240-303	68.1	731
184	A fluorescent supramolecular crosslinked polymer gel formed by crown ether based host-guest interactions and aggregation induced emission. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015 , 33, 890-898	3.5	30
183	A rapidly self-healing supramolecular polymer hydrogel. <i>Science China Chemistry</i> , 2015 , 58, 436-437	7.9	7
182	Highly emissive platinum(II) metallacages. <i>Nature Chemistry</i> , 2015 , 7, 342-8	17.6	491
181	An anthracene-appended 2:3 copillar[5]arene: synthesis, computational studies, and application in highly selective fluorescence sensing for Fe(III) ions. <i>Chemical Communications</i> , 2015 , 51, 15169-72	5.8	44
180	Redox-Responsive Amphiphilic Macromolecular [2]Pseudorotaxane Constructed from a Water-Soluble Pillar[5]arene and a Paraquat-Containing Homopolymer. <i>ACS Macro Letters</i> , 2015 , 4, 996-999	6.6	54
179	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, 15276-86	16.4	216
178	A pillararene-based ternary drug-delivery system with photocontrolled anticancer drug release. <i>Small</i> , 2015 , 11, 919-25	11	109
177	Supramolecular polymers constructed by orthogonal self-assembly based on host-guest and metal-ligand interactions. <i>Chemical Society Reviews</i> , 2015 , 44, 815-32	58.5	420
176	Four Pillar[5]arene Constitutional Isomers: Synthesis, Crystal Structures, and Host-Guest Complexation of Their Derivatives with Paraquat in Water. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 356-360	4.9	11
175	Supramolecular Construction of Multifluorescent Gels: Interfacial Assembly of Discrete Fluorescent Gels through Multiple Hydrogen Bonding. <i>Advanced Materials</i> , 2015 , 27, 8062-6	24	99
174	A double supramolecular crosslinked polymer gel exhibiting macroscale expansion and contraction behavior and multistimuli responsiveness. <i>Polymer Chemistry</i> , 2015 , 6, 1912-1917	4.9	49
173	Development of Pseudorotaxanes and Rotaxanes: From Synthesis to Stimuli-Responsive Motions to Applications. <i>Chemical Reviews</i> , 2015 , 115, 7398-501	68.1	574

172	Facile construction of fluorescent polymeric aggregates with various morphologies by self-assembly of supramolecular amphiphilic graft copolymers. <i>Polymer Chemistry</i> , 2015 , 6, 5021-5025	4.9	35
171	Supramolecule-mediated synthesis of MoS ₂ /reduced graphene oxide composites with enhanced electrochemical performance for reversible lithium storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 6884-6893	13	89
170	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, 1440-3	16.4	245
169	A water-soluble biphen[3]arene: synthesis, host-guest complexation, and application in controllable self-assembly and controlled release. <i>Chemical Communications</i> , 2015 , 51, 4188-91	5.8	33
168	Host-guest complexation induced emission: a pillar[6]arene-based complex with intense fluorescence in dilute solution. <i>Chemical Communications</i> , 2014 , 50, 5017-9	5.8	106
167	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, 4460-3	16.4	245
166	Supramolecular polymers constructed from macrocycle-based host-guest molecular recognition motifs. <i>Accounts of Chemical Research</i> , 2014 , 47, 1982-94	24.3	409
165	Stimuli-responsive host-guest systems based on the recognition of cryptands by organic guests. <i>Accounts of Chemical Research</i> , 2014 , 47, 1995-2005	24.3	254
164	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	9.4	180
163	pH-Responsive Supramolecular Control of Polymer Thermoresponsive Behavior by Pillararene-Based Host-Guest Interactions. <i>ACS Macro Letters</i> , 2014 , 3, 110-113	6.6	80
162	Self-sorting of crown ether/secondary ammonium ion hetero-[c ₂]daisy chain pseudorotaxanes. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 532-540	5.2	21
161	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	9.4	81
160	Supramolecular enhancement of aggregation-induced emission and its application in cancer cell imaging. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6609-6617	7.1	78
159	A CO ₂ -responsive pillar[5]arene: synthesis and self-assembly in water. <i>Chemical Communications</i> , 2014 , 50, 5503-5	5.8	36
158	A water-soluble pillar[10]arene: synthesis, pH-responsive host-guest complexation, and application in constructing a supra-amphiphile. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 630	5.2	26
157	Synthesis of a water-soluble pillar[9]arene and its pH-responsive binding to paraquat. <i>Chemical Communications</i> , 2014 , 50, 2841-3	5.8	53
156	A pillar[6]arene-based UV-responsive supra-amphiphile: synthesis, self-assembly, and application in dispersion of multiwalled carbon nanotubes in water. <i>Chemical Communications</i> , 2014 , 50, 3993-5	5.8	69
155	A discrete amphiphilic organoplatinum(II) metallacycle with tunable lower critical solution temperature behavior. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15497-500	16.4	88

154	A hybrid porous material from a pillar[5]arene and a poly(ionic liquid): selective adsorption of n-alkylene diols. <i>Chemical Communications</i> , 2014 , 50, 2595-7	5.8	63
153	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, 3606-8	5.8	116
152	Dynamic supramolecular complexes constructed by orthogonal self-assembly. <i>Accounts of Chemical Research</i> , 2014 , 47, 2041-51	24.3	187
151	Construction of muscle-like metallo-supramolecular polymers from a pillar[5]arene-based [c2]daisy chain. <i>Polymer Chemistry</i> , 2014 , 5, 5734-5739	4.9	61
150	A bola-type supra-amphiphile constructed from a water-soluble pillar[5]arene and a rod-like molecule for dual fluorescent sensing. <i>Chemical Science</i> , 2014 , 5, 2778	9.4	127
149	An instant multi-responsive porous polymer actuator driven by solvent molecule sorption. <i>Nature Communications</i> , 2014 , 5, 4293	17.4	381
148	Water-soluble pillar[7]arene: synthesis, pH-controlled complexation with paraquat, and application in constructing supramolecular vesicles. <i>Organic Letters</i> , 2014 , 16, 2066-9	6.2	64
147	Reversible formation of a poly[3]rotaxane based on photo dimerization of an anthracene-capped [3]rotaxane. <i>Chemical Communications</i> , 2014 , 50, 14105-8	5.8	27
146	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, 8717-22	11.5	110
145	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, 5725-9	24	152
144	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	9.4	140
143	A self-healing supramolecular polymer gel with stimuli-responsiveness constructed by crown ether based molecular recognition. <i>Polymer Chemistry</i> , 2013 , 4, 3312	4.9	116
142	Formation of a pillar[5]arene-based [3]pseudorotaxane in solution and in the solid state. <i>Chemical Communications</i> , 2013 , 49, 472-4	5.8	47
141	Two 2 : 3 copillar[5]arene constitutional isomers: syntheses, crystal structures and host-guest complexation of their derivatives with dicarboxylic acid sodium salts in water. <i>Chemical Communications</i> , 2013 , 49, 1070-2	5.8	38
140	Responsive reverse giant vesicles and gel from self-organization of a bolaamphiphilic pillar[5]arene. <i>Soft Matter</i> , 2013 , 9, 7314	3.6	45
139	Carbon nanotube/biocompatible bola-amphiphile supramolecular biohybrid materials: preparation and their application in bacterial cell agglutination. <i>Advanced Materials</i> , 2013 , 25, 6373-9	24	26
138	A dynamic [1]catenane with pH-responsiveness formed via threading-followed-by-complexation. <i>Chemical Communications</i> , 2013 , 49, 2512-4	5.8	60
137	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, 16813-6	16.4	127

136	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, 15585-90	11.5	210
135	LCST-type phase behavior induced by pillar[5]arene/ionic liquid host-guest complexation. <i>Advanced Materials</i> , 2013 , 25, 6864-7	24	101
134	Redox-responsive complexation between a pillar[5]arene with mono(ethylene oxide) substituents and paraquat. <i>Organic Letters</i> , 2013 , 15, 4722-5	6.2	60
133	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, 14036-9	16.4	202
132	A pillar[6]arene with mono(ethylene oxide) substituents: synthesis and complexation with diquat. <i>Chemical Communications</i> , 2013 , 49, 8175-7	5.8	36
131	Synthesis of a water-soluble bis(m-phenylene)-32-crown-10-based cryptand and its pH-responsive binding to a paraquat derivative. <i>Chemical Communications</i> , 2013 , 49, 1178-80	5.8	32
130	A novel pH-responsive supramolecular polymer constructed by pillar[5]arene-based host-guest interactions. <i>Polymer Chemistry</i> , 2013 , 4, 2019	4.9	96
129	A supramolecular cross-linked conjugated polymer network for multiple fluorescent sensing. <i>Journal of the American Chemical Society</i> , 2013 , 135, 74-7	16.4	359
128	A water-soluble, shape-persistent, mouldable supramolecular polymer with redox-responsiveness in the presence of a molecular chaperone. <i>Polymer Chemistry</i> , 2013 , 4, 2767	4.9	16
127	A supramolecular polymer formed by the combination of crown ether-based and charge-transfer molecular recognition. <i>Polymer Chemistry</i> , 2013 , 4, 882-886	4.9	22
126	Synthesis of a Pillar[5]arene-Based Heteroditopic Host and Its Complexation with n-Octyltriethylammonium Salts. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1209-1213	3.2	23
125	Synthesis of a Difunctionalized Pillar[6]arene and Its Complexation with an Ammonium Salt Coupled to a Weakly Coordinating Counteranion. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2529-2532	3.2	37
124	Integrated motion of molecular machines in supramolecular polymeric scaffolds. <i>Polymer Chemistry</i> , 2013 , 4, 2395	4.9	42
123	Neutral guest capture by a cationic water-soluble pillar[5]arene in water. <i>Tetrahedron</i> , 2013 , 69, 4532-4535	4.9	25
122	Graphene-like MoS ₂ /graphene composites: cationic surfactant-assisted hydrothermal synthesis and electrochemical reversible storage of lithium. <i>Small</i> , 2013 , 9, 3693-703	11	291
121	Threaded structures based on the benzo-21-crown-7/secondary ammonium salt recognition motif using esters as end groups. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3880-5	3.9	4
120	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, 10310-3	16.4	282
119	Characterization of supramolecular gels. <i>Chemical Society Reviews</i> , 2013 , 42, 6697-722	58.5	454

118	Chemically-responsive complexation of a diquatery salt with bis(m-phenylene)-32-crown-10 derivatives and host substituent effect on complexation geometry. <i>Organic Letters</i> , 2013 , 15, 534-7	6.2	15
117	Preparation of two new [2]rotaxanes based on the pillar[5]arene/alkane recognition motif. <i>Tetrahedron Letters</i> , 2012 , 53, 3668-3671	2	52
116	A multiresponsive, shape-persistent, and elastic supramolecular polymer network gel constructed by orthogonal self-assembly. <i>Advanced Materials</i> , 2012 , 24, 362-9	24	622
115	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, 19489-97	16.4	406
114	Complexation between pillar[5]arenes and a secondary ammonium salt. <i>Organic Letters</i> , 2012 , 14, 1712-5	6.2	124
113	Pillararenes, a new class of macrocycles for supramolecular chemistry. <i>Accounts of Chemical Research</i> , 2012 , 45, 1294-308	24.3	1081
112	A non-symmetric pillar[5]arene-based selective anion receptor for fluoride. <i>Chemical Communications</i> , 2012 , 48, 2958-60	5.8	157
111	A benzo-21-crown-7/secondary ammonium salt [c2]daisy chain. <i>Organic Letters</i> , 2012 , 14, 306-9	6.2	46
110	per-Hydroxylated pillar[6]arene: synthesis, X-ray crystal structure, and host-guest complexation. <i>Organic Letters</i> , 2012 , 14, 1532-5	6.2	160
109	Preparation of a Diblock Supramolecular Copolymer via Self-Sorting Organization. <i>Macromolecules</i> , 2012 , 45, 9070-9075	5.5	28
108	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, 15712-5	16.4	370
107	A chemical-responsive bis(m-phenylene)-32-crown-10/2,7-diazapyrenium salt [2]pseudorotaxane. <i>Chemical Communications</i> , 2012 , 48, 8201-3	5.8	20
106	Supramolecular Micelles Constructed by Crown Ether-Based Molecular Recognition. <i>Macromolecules</i> , 2012 , 45, 6457-6463	5.5	65
105	[n]Pseudorotaxanes (n = 2, 3) from Self-Assembly of Two Cryptands and a 1,2-Bis(4-pyridinium)ethane Derivative. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6351-6356	3.2	16
104	Cavity-Extended Pillar[5]arenes: Syntheses and Host-Guest Complexation with Paraquat and Bispyridinium Derivatives. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5902-5907	3.2	25
103	Pseudorotaxanes from self-assembly of two crown ether-based cryptands and a 1,2-bis(pyridinium)ethane derivative. <i>Chemical Communications</i> , 2012 , 48, 4968-70	5.8	34
102	Novel [2]rotaxanes based on the recognition of pillar[5]arenes to an alkane functionalized with triazole moieties. <i>Tetrahedron</i> , 2012 , 68, 9179-9185	2.4	62
101	Syntheses of a pillar[4]arene[1]quinone and a difunctionalized pillar[5]arene by partial oxidation. <i>Chemical Communications</i> , 2012 , 48, 9876-8	5.8	92

100	Adjustable supramolecular polymer microstructures fabricated by the breath figure method. <i>Polymer Chemistry</i> , 2012 , 3, 458-462	4.9	61
99	A new water-soluble pillar[5]arene: synthesis and application in the preparation of gold nanoparticles. <i>Chemical Communications</i> , 2012 , 48, 6505-7	5.8	153
98	Supramolecular polymers constructed by crown ether-based molecular recognition. <i>Chemical Society Reviews</i> , 2012 , 41, 1621-36	58.5	540
97	Pillar[6]arene-based photoresponsive host-guest complexation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8711-7	16.4	408
96	Dual-responsive crown ether-based supramolecular chain extended polymers. <i>Polymer Chemistry</i> , 2012 , 3, 3175	4.9	28
95	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, 13248-51	16.4	372
94	pH-responsive supramolecular polymerization in aqueous media driven by electrostatic attraction-enhanced crown ether-based molecular recognition. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1197-202	4.8	30
93	Stimuli-responsive supramolecular polymeric materials. <i>Chemical Society Reviews</i> , 2012 , 41, 6042-65	58.5	1252
92	A crown ether appended super gelator with multiple stimulus responsiveness. <i>Advanced Materials</i> , 2012 , 24, 3191-5	24	244
91	Self-Healing Supramolecular Gels Formed by Crown Ether Based Host-Guest Interactions. <i>Angewandte Chemie</i> , 2012 , 124, 7117-7121	3.6	189
90	Self-healing supramolecular gels formed by crown ether based host-guest interactions. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7011-5	16.4	589
89	A supramolecular polymer blend containing two different supramolecular polymers through self-sorting organization of two heteroditopic monomers. <i>Chemistry - A European Journal</i> , 2012 , 18, 4195-9	4.8	40
88	A solvent-driven molecular spring. <i>Chemical Science</i> , 2012 , 3, 3026	9.4	240
87	Synthesis of 1,4-Bis(n-propoxy)pillar[7]arene and Its Host-guest Chemistry. <i>Acta Chimica Sinica</i> , 2012 , 70, 1775	3.3	37
86	Synthesis of a four-armed cage molecule and its pH-controlled complexation with paraquat. <i>Chemical Communications</i> , 2011 , 47, 10103-5	5.8	33
85	Supramolecular AA-BB-type linear polymers with relatively high molecular weights via the self-assembly of bis(m-phenylene)-32-crown-10 cryptands and a bisparaquat derivative. <i>Journal of the American Chemical Society</i> , 2011 , 133, 2836-9	16.4	262
84	[2]Pseudorotaxanes based on the recognition of cryptands to vinylogous viologens. <i>Organic Letters</i> , 2011 , 13, 6370-3	6.2	46
83	An acid-base adjustable pseudocryptand-type [2]pseudorotaxane based on a bis(meta-phenylene)-32-crown-10 derivative and paraquat. <i>Tetrahedron Letters</i> , 2011 , 52, 6379-6382	2	15

82	Graphene-like MoS ₂ /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		450
81	Preparation of Pillar[n]arenes by Cyclooligomerization of 2,5-Dialkoxybenzyl Alcohols or 2,5-Dialkoxybenzyl Bromides. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5331-5335	3.2	74
80	Formation of Linear Supramolecular Polymers That Is Driven by C-H...π Interactions in Solution and in the Solid State. <i>Angewandte Chemie</i> , 2011 , 123, 1433-1437	3.6	111
79	A Dual-Responsive Supramolecular Polymer Gel Formed by Crown Ether Based Molecular Recognition. <i>Angewandte Chemie</i> , 2011 , 123, 1945-1949	3.6	89
78	Formation of linear supramolecular polymers that is driven by C-H...π interactions in solution and in the solid state. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1397-401	16.4	633
77	A dual-responsive supramolecular polymer gel formed by crown ether based molecular recognition. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1905-9	16.4	423
76	pH-responsive assembly and disassembly of a supramolecular cryptand-based pseudorotaxane driven by π-stacking interaction. <i>Chemical Communications</i> , 2011 , 47, 9840-2	5.8	52
75	Four constitutional isomers of BMpillar[5]arene: synthesis, crystal structures and complexation with n-octyltrimethyl ammonium hexafluorophosphate. <i>Chemical Communications</i> , 2011 , 47, 2417-9	5.8	136
74	A cationic water-soluble pillar[5]arene: synthesis and host-guest complexation with sodium 1-octanesulfonate. <i>Chemical Communications</i> , 2011 , 47, 12340-2	5.8	206
73	Supramolecular polymer nanofibers via electrospinning of a heteroditopic monomer. <i>Chemical Communications</i> , 2011 , 47, 7086-8	5.8	121
72	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, 4818-21	6.2	129
71	The first [2]pseudorotaxane and the first pseudocryptand-type poly[2]pseudorotaxane based on bis(meta-phenylene)-32-crown-10 and paraquat derivatives. <i>Organic Letters</i> , 2011 , 13, 2872-5	6.2	39
70	Preparation of a Daisy Chain via Threading-Followed-by-Polymerization. <i>Macromolecules</i> , 2011 , 44, 9629-9634	5.9	53
69	Synthesis of a pillar[5]arene dimer by co-oligomerization and its complexation with n-octyltrimethyl ammonium hexafluorophosphate. <i>Tetrahedron Letters</i> , 2011 , 52, 4433-4436	2	58
68	SUPRAMOLECULAR POLYMERS BASED ON CROWN ETHER DERIVATIVES. <i>Acta Polymerica Sinica</i> , 2011 , 011, 956-964		4
67	Syntheses of copillar[5]arenes by co-oligomerization of different monomers. <i>Organic Letters</i> , 2010 , 12, 3285-7	6.2	236
66	Selectivity algorithm for the formation of two cryptand/paraquat catenanes. <i>Organic Letters</i> , 2010 , 12, 760-3	6.2	52
65	Photoresponsive host-guest systems based on a new azobenzene-containing cryptand. <i>Organic Letters</i> , 2010 , 12, 2558-61	6.2	86

64	DIBPillar[n]arenes (n = 5, 6): syntheses, X-ray crystal structures, and complexation with n-octyltriethyl ammonium hexafluorophosphate. <i>Organic Letters</i> , 2010 , 12, 4360-3	6.2	222
63	Improved complexation of paraquat derivatives by the formation of crown ether-based cryptands. <i>Chemical Communications</i> , 2010 , 46, 8131-41	5.8	115
62	A new cryptand/paraquat [2]pseudorotaxane. <i>Science China Chemistry</i> , 2010 , 53, 858-862	7.9	9
61	Negatively charged crown ethers for binding paraquat in water. <i>Science China Chemistry</i> , 2010 , 53, 1074-1080	7.9	4
60	Improved Pseudorotaxane and Catenane Formation from a Derivative of Bis(m-phenylene)-32-crown-10. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 6798-6803	3.2	18
59	Improved and Controlled Complexation of Paraquat Derivatives by the Formation of a Bis(m-phenylene)-26-Crown-8-Based Lariat Ether. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 5543-5547	3.2	14
58	Synthesis of a Bis(1,2,3-phenylene) Cryptand and Its Dual-Response Binding to Paraquat and Diquat. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 6804-6809	3.2	25
57	Anion-assisted complexation of paraquat by cryptands based on bis(m-phenylene)-[32]crown-10. <i>Chemistry - A European Journal</i> , 2010 , 16, 6088-98	4.8	45
56	Metal Coordination Mediated Reversible Conversion between Linear and Cross-Linked Supramolecular Polymers. <i>Angewandte Chemie</i> , 2010 , 122, 1108-1112	3.6	76
55	Metal coordination mediated reversible conversion between linear and cross-linked supramolecular polymers. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1090-4	16.4	372
54	A hyperbranched, rotaxane-type mechanically interlocked polymer. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4067-4073	2.5	62
53	Responsive Supramolecular Gels Constructed by Crown Ether Based Molecular Recognition. <i>Angewandte Chemie</i> , 2009 , 121, 1830-1834	3.6	65
52	Complexes of Diquat with Dibenzo-24-Crown-8. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 1777-1781	4.9	6
51	A Bis(m-phenylene)-32-crown-10/Paraquat [2]Rotaxane. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 1053-1057	3.2	28
50	Responsive supramolecular gels constructed by crown ether based molecular recognition. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1798-802	16.4	227
49	Supramacromolecular self-assembly: Chain extension, star and block polymers via pseudorotaxane formation from well-defined end-functionalized polymers. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 3518-3543	2.5	46
48	Efficient syntheses of bis(m-phenylene)-26-crown-8-based cryptand/paraquat derivative [2]rotaxanes by immediate solvent evaporation method. <i>Tetrahedron</i> , 2009 , 65, 1488-1494	2.4	33
47	Synthesis of bis(m-phenylene)-32-crown-10-based discrete rhomboids driven by metal-coordination and complexation with paraquat. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3905-12	4.2	24

46	Anion-controlled ion-pair recognition of paraquat by a bis(m-phenylene)-32-crown-10 derivative heteroditopic host. <i>Journal of Organic Chemistry</i> , 2009 , 74, 1322-8	4.2	98
45	Taco complex templated syntheses of a cryptand/paraquat [2]rotaxane and a [2]catenane by olefin metathesis. <i>Organic Letters</i> , 2009 , 11, 3350-3	6.2	108
44	Formation of linear main-chain polypseudorotaxanes with supramolecular polymer backbones via two self-sorting host-guest recognition motifs. <i>Chemical Communications</i> , 2009 , 4375-7	5.8	108
43	Three-dimensional bis(m-phenylene)-32-crown-10-based cryptand/paraquat catenanes. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 1288-91	3.9	41
42	Self-sorting organization of two heteroditopic monomers to supramolecular alternating copolymers. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11254-5	16.4	413
41	High-yield preparation of [2]rotaxanes based on the bis(m-phenylene)-32-crown-10-based cryptand/paraquat derivative recognition motif. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 2103-7	3.9	51
40	Improved complexation between dibenzo-24-crown-8 derivatives and dibenzylammonium salts by ion-pair recognition. <i>New Journal of Chemistry</i> , 2008 , 32, 1827	3.6	31
39	Syntheses of cis- and trans-dibenzo-30-crown-10 derivatives via regioselective routes and their complexations with paraquat and diquat. <i>Journal of Organic Chemistry</i> , 2008 , 73, 5872-80	4.2	32
38	A new functional bis(m-phenylene)-32-crown-10-based cryptand host for paraquats. <i>Journal of Organic Chemistry</i> , 2008 , 73, 5570-3	4.2	41
37	Preparation of Bis(m-phenylene)-32-crown-10-Based Cryptand/Bisparaquat [3]Rotaxanes with High Efficiency. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 6128-6133	3.2	32
36	A bis(m-phenylene)-32-crown-10-based fluorescence chemosensor for paraquat and diquat. <i>Tetrahedron Letters</i> , 2008 , 49, 5009-5012	2	22
35	Binding of secondary dialkylammonium salts by pyrido-21-crown-7. <i>Tetrahedron Letters</i> , 2008 , 49, 6917-6920		24
34	Competitive interactions of two ion-paired salts with a neutral host to form two non-ion-paired complexes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 6573-6	4.2	37
33	Paraquat substituent effect on complexation with a dibenzo-24-crown-8-based cryptand. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8935-8	4.2	48
32	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	5.5	118
31	Benzo-21-crown-7/secondary dialkylammonium salt [2]pseudorotaxane- and [2]rotaxane-type threaded structures. <i>Organic Letters</i> , 2007 , 9, 5553-6	6.2	236
30	[3]Pseudorotaxanes based on the cryptand/monopyridinium salt recognition motif. <i>Tetrahedron</i> , 2007 , 63, 2875-2881	2.4	30
29	Inclusion [2]complexes based on the cryptand/diquat recognition motif. <i>Tetrahedron</i> , 2007 , 63, 2829-2834		26

28	Host size effect in the complexation of two bis(m-phenylene)-32-crown-10-based cryptands with a diazapyrenium salt. <i>Tetrahedron Letters</i> , 2007 , 48, 7537-7541	2	18
27	Polyrotaxanes 2007 , 693-698		4
26	Bis(meta-phenylene)-32-crown-10-based cryptand/diquat inclusion [2]complexes. <i>Chemical Communications</i> , 2006 , 1929-31	5.8	35
25	Incorporation of 2,6-di(4,4Pdpipyridyl)-9-thiabicyclo[3.3.1]nonane into discrete 2D supramolecules via coordination-driven self-assembly. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6644-7	4.2	22
24	Incorporating a flexible crown ether into neutral discrete self-assemblies driven by metal coordination. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6623-5	4.2	25
23	Molecular architecture via coordination: self-assembly of nanoscale hexagonal metallodendrimers with designed building blocks. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10014-5	16.4	102
22	Taco grande: a dumbbell bis(crown ether)/paraquat [3](taco complex). <i>Tetrahedron Letters</i> , 2006 , 47, 7841-7844	2	32
21	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, 484-5	16.4	174
20	pH-Controlled assembly and disassembly of a cryptand/paraquat [2]pseudorotaxane. <i>Chemical Communications</i> , 2005 , 3655-7	5.8	5
19	A supramolecular poly[3]pseudorotaxane by self-assembly of a homoditopic cylindrical bis(crown ether) host and a bisparaquat derivative. <i>Chemical Communications</i> , 2005 , 1696-8	5.8	66
18	Remarkably improved complexation of a bisparaquat by formation of a pseudocryptand-based [3]pseudorotaxane. <i>Chemical Communications</i> , 2005 , 1693-5	5.8	45
17	Promotion of host folding during the formation of a taco complex. <i>Chemical Communications</i> , 2005 , 3268-30	3.0	2
16	Syntheses and Model Complexation Studies of Well-Defined Crown Terminated Polymers. <i>Macromolecules</i> , 2005 , 38, 2626-2637	5.5	49
15	Bis(m-phenylene)-32-crown-10-based cryptands, powerful hosts for paraquat derivatives. <i>Journal of Organic Chemistry</i> , 2005 , 70, 3231-41	4.2	131
14	Synthesis of a symmetric cylindrical bis(crown ether) host and its complexation with paraquat. <i>Journal of Organic Chemistry</i> , 2005 , 70, 809-13	4.2	68
13	Polypseudorotaxanes and polyrotaxanes. <i>Progress in Polymer Science</i> , 2005 , 30, 982-1018	29.6	473
12	Bis(m-phenylene)-32-crown-10/monopyridinium [2]pseudorotaxanes. <i>Tetrahedron Letters</i> , 2005 , 46, 6019-6022	15	
11	Slow-exchange C3-symmetric cryptand/trispyridinium inclusion complexes containing non-linear guests: a new type of threaded structure. <i>Tetrahedron Letters</i> , 2005 , 46, 6765-6769	2	19

10	[2]Pseudorotaxanes based on the cryptand/monopyridinium recognition motif. <i>Tetrahedron</i> , 2005 , 61, 10242-10253	2.4	21
9	A cautionary note regarding the investigation of supramolecular complexes involving secondary ammonium salts in acetone. <i>Tetrahedron Letters</i> , 2004 , 45, 5961-5963	2	4
8	Formation of dimers of inclusion cryptand/paraquat complexes driven by dipole-dipole and face-to-face pi-stacking interactions. <i>Chemical Communications</i> , 2004 , 2670-1	5.8	63
7	Formation of a supramolecular hyperbranched polymer from self-organization of an AB ₂ monomer containing a crown ether and two paraquat moieties. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14738-9	16.4	197
6	Ion pairing in fast-exchange host-guest systems: 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, 14458-64	16.4	158
5	A cryptand/bisparaquat [3]pseudorotaxane by cooperative complexation. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9272-3	16.4	132
4	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, 9367-71	16.4	127
3	Water assisted formation of a pseudorotaxane and its dimer based on a supramolecular cryptand. <i>Chemical Communications</i> , 2003 , 2122-3	5.8	33
2	First supramolecular poly(taco complex). <i>Chemical Communications</i> , 2003 , 1480	5.8	55
1	A pillar[5]arene-based 3D polymer network for efficient iodine capture in aqueous solution. <i>Polymer Chemistry</i> ,	4.9	6