

Leyong Wang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	pH-Responsive Supramolecular Vesicles Based on Water-Soluble Pillar[6]arene and Ferrocene Derivative for Drug Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 10542-10549.	6.6	605
2	Advanced supramolecular polymers constructed by orthogonal self-assembly. <i>Chemical Society Reviews</i> , 2012, 41, 5950.	18.7	355
3	Multistimuli-Responsive Supramolecular Vesicles Based on Water-Soluble Pillar[6]arene and SAINT Complexation for Controllable Drug Release. <i>Journal of the American Chemical Society</i> , 2014, 136, 10762-10769.	6.6	323
4	Near-Infrared-Triggered Azobenzene-Liposome/Upconversion Nanoparticle Hybrid Vesicles for Remotely Controlled Drug Delivery to Overcome Cancer Multidrug Resistance. <i>Advanced Materials</i> , 2016, 28, 9341-9348.	11.1	279
5	Highly Efficient Artificial Light-Harvesting Systems Constructed in Aqueous Solution Based on Supramolecular Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3163-3167.	7.2	264
6	Dynamic Supramolecular Complexes Constructed by Orthogonal Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2041-2051.	7.6	212
7	A Supramolecular Artificial Light-Harvesting System with Two-Step Sequential Energy Transfer for Photochemical Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10095-10100.	7.2	204
8	Dramatically Promoted Swelling of a Hydrogel by Pillar[6]arene-Ferrocene Complexation with Multistimuli Responsiveness. <i>Journal of the American Chemical Society</i> , 2016, 138, 6643-6649.	6.6	196
9	Multiple Catenanes Derived from Calix[4]arenes. <i>Science</i> , 2004, 304, 1312-1314.	6.0	192
10	Pillar[5]arene-based polymeric architectures constructed by orthogonal supramolecular interactions. <i>Chemical Communications</i> , 2012, 48, 8529.	2.2	168
11	Warm/cool-tone switchable thermochromic material for smart windows by orthogonally integrating properties of pillar[6]arene and ferrocene. <i>Nature Communications</i> , 2018, 9, 1737.	5.8	163
12	Cu-Catalyzed Cross-Dehydrogenative Coupling Reactions of (Benzo)thiazoles with Cyclic Ethers. <i>Organic Letters</i> , 2013, 15, 4600-4603.	2.4	146
13	Novel Pillar[5]arene-Based Dynamic Polyrotaxanes Interlocked by the Quadruple Hydrogen Bonding Ureidopyrimidinone Motif. <i>Organic Letters</i> , 2012, 14, 4826-4829.	2.4	139
14	Full-Color Tunable Fluorescent and Chemiluminescent Supramolecular Nanoparticles for Anti-counterfeiting Inks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39214-39221.	4.0	137
15	FRET-capable supramolecular polymers based on a BODIPY-bridged pillar[5]arene dimer with BODIPY guests for mimicking the light-harvesting system of natural photosynthesis. <i>Chemical Communications</i> , 2015, 51, 4643-4646.	2.2	134
16	A novel redox-responsive pillar[6]arene-based inclusion complex with a ferrocenium guest. <i>Chemical Communications</i> , 2013, 49, 5085.	2.2	132
17	Synthesis and Bioactivity of Guanidinium-Functionalized Pillar[5]arene as a Biofilm Disruptor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 618-623.	7.2	124
18	pH-Responsive supramolecular vesicles assembled by water-soluble pillar[5]arene and a BODIPY photosensitizer for chemo-photodynamic dual therapy. <i>Chemical Communications</i> , 2015, 51, 14381-14384.	2.2	122

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19	Controllable Construction of Biocompatible Supramolecular Micelles and Vesicles by Water-Soluble Phosphate Pillar[5,6]arenes for Selective Anti-Cancer Drug Delivery. <i>Chemistry of Materials</i> , 2016, 28, 3778-3788.	3.2	119
20	Artificial light-harvesting systems fabricated by supramolecular host-guest interactions. <i>Chinese Chemical Letters</i> , 2019, 30, 31-36.	4.8	119
21	GSH- and pH-responsive drug delivery system constructed by water-soluble pillar[5]arene and lysine derivative for controllable drug release. <i>Chemical Communications</i> , 2015, 51, 6832-6835.	2.2	118
22	Late transition metal complexes bearing 2,9-bis(imino)-1,10-phenanthrolyl ligands: synthesis, characterization and their ethylene activity. <i>Journal of Organometallic Chemistry</i> , 2002, 658, 62-70.	0.8	114
23	Pillar[5]arene-based supramolecular polypseudorotaxanes constructed from quadruple hydrogen bonding. <i>Polymer Chemistry</i> , 2012, 3, 3060.	1.9	113
24	Novel [2]pseudorotaxanes constructed by self-assembly of bis-urea-functionalized pillar[5]arene and linear alkyl dicarboxylates. <i>Chemical Communications</i> , 2012, 48, 8532.	2.2	112
25	Controllable aggregation-induced emission based on a tetraphenylethylene-functionalized pillar[5]arene via host-guest recognition. <i>Chemical Communications</i> , 2014, 50, 9122-9125.	2.2	110
26	A highly efficient artificial light-harvesting system with two-step sequential energy transfer based on supramolecular self-assembly. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9590-9596.	5.2	104
27	Pillar[5]arene-based side-chain polypseudorotaxanes as an anion-responsive fluorescent sensor. <i>Polymer Chemistry</i> , 2013, 4, 2224.	1.9	101
28	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
29	Pillar[5]arene-based supramolecular polypseudorotaxane polymer networks constructed by orthogonal self-assembly. <i>Polymer Chemistry</i> , 2013, 4, 4292.	1.9	100
30	Stimuli-responsive nanocarriers constructed from pillar[5]arene-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1973-1993.	3.2	98
31	Formation of polypseudorotaxane networks by cross-linking the quadruple hydrogen bonded linear supramolecular polymers via bisparaquat molecules. <i>Chemical Communications</i> , 2011, 47, 10755.	2.2	97
32	Dual Photo- and pH-Responsive Supramolecular Nanocarriers Based on Water-Soluble Pillar[6]arene and Different Azobenzene Derivatives for Intracellular Anticancer Drug Delivery. <i>Chemistry - A European Journal</i> , 2015, 21, 1208-1220.	1.7	95
33	Supramolecular Strategies for Controlling Reactivity within Confined Nanospaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13712-13721.	7.2	94
34	Squaramide-based tripodal receptors for selective recognition of sulfate anion. <i>Chemical Communications</i> , 2013, 49, 2025.	2.2	91
35	Supramolecular Nanoparticles Constructed by DOX-Based Prodrug with Water-Soluble Pillar[6]arene for Self-Catalyzed Rapid Drug Release. <i>Chemistry of Materials</i> , 2015, 27, 1110-1119.	3.2	91
36	Homo- and Copolymerization of Norbornene and Styrene with Pd- and Ni-Based Novel Bridged Dinuclear Diimine Complexes and MAO. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 868-876.	1.1	87

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37	Dynamic hydrogels mediated by macrocyclic host-guest interactions. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1526-1540.	2.9	87
38	New linear supramolecular polymers that are driven by the combination of quadruple hydrogen bonding and crown ether-parquat recognition. <i>Chemical Communications</i> , 2011, 47, 6903.	2.2	85
39	Responsive Gel-like Supramolecular Network Based on Pillar[6]arene-Ferrocenium Recognition Motifs in Polymeric Matrix. <i>Macromolecules</i> , 2015, 48, 4403-4409.	2.2	85
40	Well-Defined Pillararene-Based Azobenzene Liquid Crystalline Photoresponsive Materials and Their Thin Films with Photomodulated Surfaces. <i>Advanced Functional Materials</i> , 2015, 25, 3571-3580.	7.8	85
41	Supramolecular strategy for smart windows. <i>Chemical Communications</i> , 2019, 55, 4137-4149.	2.2	85
42	Cobalt and nickel complexes bearing 2,6-bis(imino) phenoxy ligands: syntheses, structures and oligomerization studies. <i>Journal of Organometallic Chemistry</i> , 2002, 650, 59-64.	0.8	84
43	GSH-Responsive supramolecular nanoparticles constructed by β -galactose-modified pillar[5]arene and camptothecin prodrug for targeted anticancer drug delivery. <i>Chemical Communications</i> , 2017, 53, 8596-8599.	2.2	81
44	Giant Gyroscope-Like Molecules Consisting of Dipolar Cl-Rh-CO Rotators Encased in Three-Spoke Stators That Define 25-Membered Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4372-4375.	7.2	79
45	Dual-Responsive Bola-Type Supra-Amphiphile Constructed from Water-Soluble Pillar[5]arene and Naphthalimide-Containing Amphiphile for Intracellular Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4843-4850.	4.0	75
46	Role of Functionalized Pillararene Architectures in Supramolecular Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9205-9214.	7.2	75
47	Near-infrared boosted ROS responsive siRNA delivery and cancer therapy with sequentially peeled upconversion nano-onions. <i>Biomaterials</i> , 2019, 225, 119501.	5.7	73
48	New Light on the Ring-Chain Equilibrium of a Hydrogen-Bonded Supramolecular Polymer Based on a Photochromic Dithienylethene Unit and its Energy Transfer Properties as a Storage Material. <i>Chemistry - A European Journal</i> , 2011, 17, 10716-10723.	1.7	72
49	An efficient artificial light-harvesting system with tunable emission in water constructed from a H-bonded AIE supramolecular polymer and Nile Red. <i>Chemical Communications</i> , 2020, 56, 12021-12024.	2.2	70
50	Supramolecular vesicles based on pillar[n]arenes: design, construction, and applications. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1336-1350.	1.5	68
51	Synthesis of N-benzothiazol-2-yl-amides by a copper-catalyzed intramolecular cyclization process. <i>Tetrahedron Letters</i> , 2008, 49, 467-470.	0.7	67
52	From Supramolecular Vesicles to Micelles: Controllable Construction of Tumor-Targeting Nanocarriers Based on Host-Guest Interaction between a Pillar[5]arene-Based Prodrug and a RGD-Sulfonate Guest. <i>Small</i> , 2018, 14, e1803952.	5.2	67
53	Novel self-assembled dynamic [2]catenanes interlocked by the quadruple hydrogen bonding ureidopyrimidinone motif. <i>Chemical Science</i> , 2012, 3, 1417.	3.7	66
54	Supramolecular Drug Delivery Systems Based on Water-Soluble Pillar[n]arenes. <i>Chemical Record</i> , 2016, 16, 1216-1227.	2.9	66

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55	Sunlight-Induced Photo-Thermochromic Supramolecular Nanocomposite Hydrogel Film for Energy-Saving Smart Window. <i>Solar Rrl</i> , 2018, 2, 1800204.	3.1	66
56	Construction of drug-drug conjugate supramolecular nanocarriers based on water-soluble pillar[6]arene for combination chemotherapy. <i>Chemical Communications</i> , 2018, 54, 9462-9465.	2.2	64
57	Phosphine oxide functional group based three-station molecular shuttle. <i>Chemical Science</i> , 2013, 4, 1701.	3.7	63
58	Gyroscope-like molecules consisting of three-spoke stators that enclose a switchable neutral dipolar rhodium rotators; reversible cycling between faster and slower rotating Rh(CO)I and Rh(CO)2I species. <i>Chemical Communications</i> , 2006, , 4075-4077.	2.2	62
59	Recent advances of functional gels controlled by pillar[n]arene-based host-guest interactions. <i>Tetrahedron Letters</i> , 2018, 59, 1172-1182.	0.7	61
60	Glucose-Responsive Supramolecular Vesicles Based on Water-Soluble Pillar[5]arene and Pyridylboronic Acid Derivatives for Controlled Insulin Delivery. <i>Chemistry - A European Journal</i> , 2017, 23, 6605-6614.	1.7	60
61	Highly Efficient Artificial Light-Harvesting Systems Constructed in Aqueous Solution Based on Supramolecular Self-Assembly. <i>Angewandte Chemie</i> , 2018, 130, 3217-3221.	1.6	59
62	Multiresponsive Supramolecular Theranostic Nanoplatfrom Based on Pillar[5]arene and Diphenylboronic Acid Derivatives for Integrated Glucose Sensing and Insulin Delivery. <i>Small</i> , 2018, 14, e1801942.	5.2	59
63	Thermo- and oxidation-responsive supramolecular vesicles constructed from self-assembled pillar[6]arene-ferrocene based amphiphilic supramolecular diblock copolymers. <i>Polymer Chemistry</i> , 2017, 8, 682-688.	1.9	57
64	CuCl-Catalyzed Regio- and Stereoselective Aminohalogenation of α,β -Unsaturated Nitriles. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1332-1337.	1.2	56
65	Competitive Selection of Conformation Chirality of Water-Soluble Pillar[5]arene Induced by Amino Acid Derivatives. <i>Organic Letters</i> , 2020, 22, 2266-2270.	2.4	56
66	Gyroscope-Like Complexes Based on Dibrigehead Diphosphine Cages That Are Accessed by Three-Fold Intramolecular Ring Closing Metatheses and Encase Fe(CO) ₃ , Fe(CO) ₂ (NO) ⁺ , and Fe(CO) ₃ (H) ⁺ Rotators. <i>Journal of the American Chemical Society</i> , 2016, 138, 7649-7663.	6.6	54
67	The self-complexation of mono-urea-functionalized pillar[5]arenes with abnormal urea behaviors. <i>Chemical Communications</i> , 2014, 50, 1317-1319.	2.2	53
68	Dynamic self-inclusion behavior of pillar[5]arene-based pseudo[1]rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1079.	1.5	51
69	The application of clean production in organic synthesis. <i>Chinese Chemical Letters</i> , 2021, 32, 1637-1644.	4.8	51
70	Orthogonal Design of a Water-Soluble <i>meso</i> -Tetraphenylethene-Functionalized Pillar[5]arene with Aggregation-Induced Emission Property and Its Therapeutic Application. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37466-37474.	4.0	51
71	Switchable supramolecular polymers from the orthogonal self-assembly of quadruple hydrogen bonding and benzo-21-crown-7 secondary ammonium salt recognition. <i>Chemical Communications</i> , 2013, 49, 8329.	2.2	49
72	The Use of Calixarenes in Asymmetric Catalysis. <i>Current Organic Chemistry</i> , 2011, 15, 39-61.	0.9	48

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73	Highly Controllable Ring-Chain Equilibrium in Quadruply Hydrogen Bonded Supramolecular Polymers. <i>Macromolecules</i> , 2012, 45, 9585-9594.	2.2	48
74	Stimuli-responsive supramolecular gel constructed by pillar[5]arene-based pseudo[2]rotaxanes via orthogonal metal-ligand coordination and hydrogen bonding interaction. <i>Organic Chemistry Frontiers</i> , 2016, 3, 966-970.	2.3	48
75	Novel calix[4]arene-based receptors with bis-squaramide moieties for colorimetric sensing of anions via two different interaction modes. <i>Tetrahedron Letters</i> , 2013, 54, 796-801.	0.7	47
76	Ligand-Free Copper-Catalyzed Regioselective C-2 Arylation of Imidazo[2,1- <i>b</i>]thiazoles. <i>Organic Letters</i> , 2011, 13, 5224-5227.	2.4	46
77	Supramolecular polymersomes constructed from water-soluble pillar[5]arene and cationic poly(glutamamide)s and their applications in targeted anticancer drug delivery. <i>Polymer Chemistry</i> , 2017, 8, 5718-5725.	1.9	45
78	The emerging applications of pillararene architectures in supramolecular catalysis. <i>Chinese Chemical Letters</i> , 2022, 33, 89-96.	4.8	44
79	Vinyl polymerization of norbornene with dinuclear diimine nickel dichloride/MAO. <i>Journal of Applied Polymer Science</i> , 2003, 88, 3273-3278.	1.3	43
80	Highly efficient artificial light-harvesting systems constructed in aqueous solution for supramolecular photocatalysis. <i>Green Synthesis and Catalysis</i> , 2021, 2, 32-37.	3.7	43
81	Bifunctional supramolecular prodrug vesicles constructed from a camptothecin derivative with a water-soluble pillar[5]arene for cancer diagnosis and therapy. <i>Chemical Communications</i> , 2019, 55, 10892-10895.	2.2	42
82	Macrocyclic host molecules with aromatic building blocks: the state of the art and progress. <i>Chemical Communications</i> , 2021, 57, 12379-12405.	2.2	42
83	Electron mobility determination of efficient phosphorescent iridium complexes with tetraphenylimidodiphosphinate ligand via transient electroluminescence method. <i>Applied Physics Letters</i> , 2012, 100, 073303.	1.5	40
84	Formation of a series of stable pillar[5]arene-based pseudo[1]-rotaxanes and their [1]rotaxanes in the crystal state. <i>Scientific Reports</i> , 2016, 6, 28748.	1.6	40
85	Improved recognition of alkylammonium salts by ion pair recognition based on a novel heteroditopic pillar[5]arene receptor. <i>Tetrahedron Letters</i> , 2012, 53, 6409-6413.	0.7	39
86	A novel dynamic pseudo[1]rotaxane based on a mono-biotin-functionalized pillar[5]arene. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1013-1017.	2.3	38
87	A pillar[5]arene-based side-chain pseudorotaxanes and polypseudorotaxanes as novel fluorescent sensors for the selective detection of halogen ions. <i>Chinese Chemical Letters</i> , 2013, 24, 987-992.	4.8	37
88	Preparation of a fixed-tetraphenylethylene motif bridged ditopic benzo-21-crown-7 and its application for constructing AIE supramolecular polymers. <i>Chinese Chemical Letters</i> , 2021, 32, 1377-1380.	4.8	37
89	An ultralow-acceptor-content supramolecular light-harvesting system for white-light emission. <i>Chemical Communications</i> , 2022, 58, 2343-2346.	2.2	36
90	A pillar[5]arene-fused cryptand: from orthogonal self-assembly to supramolecular polymer. <i>Chemical Communications</i> , 2015, 51, 3623-3626.	2.2	35

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91	Advanced Functional Materials Constructed from Pillar[n]arenes. <i>Israel Journal of Chemistry</i> , 2018, 58, 1219-1229.	1.0	35
92	A Supramolecular Artificial Light Harvesting System with Two-Step Sequential Energy Transfer for Photochemical Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 10181-10186.	1.6	35
93	Dual acid-responsive bola-type supramolecular vesicles for efficient intracellular anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3944-3949.	2.9	34
94	Writable and Self-Erasable Hydrogel Based on Dissipative Assembly Process from Multiple Carboxyl Tetraphenylethylene Derivative. , 2020, 2, 425-429.		34
95	Sonication-induced self-assembly of flexible tris(ureidobenzyl)amine: from dimeric aggregates to supramolecular gels. <i>Chemical Communications</i> , 2012, 48, 7973.	2.2	32
96	Photolysis of a bola-type supra-amphiphile promoted by water-soluble pillar[5]arene-induced assembly. <i>Chemical Communications</i> , 2016, 52, 10751-10754.	2.2	32
97	A Novel Electrochemiluminescence Janus Emitter for Dual-Mode Biosensing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	32
98	bifA Regulates Biofilm Development of <i>Pseudomonas putida</i> MnB1 as a Primary Response to H ₂ O ₂ and Mn ²⁺ . <i>Frontiers in Microbiology</i> , 2018, 9, 1490.	1.5	31
99	Biomimetic folding of small organic molecules driven by multiple non-covalent interactions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 936-941.	2.3	30
100	Modulating the properties of quadruple hydrogen bonded supramolecular polymers by photo-cross-linking between the coumarin moieties. <i>Chinese Chemical Letters</i> , 2017, 28, 793-797.	4.8	29
101	An AIE singlet oxygen generation system based on supramolecular strategy. <i>Chinese Chemical Letters</i> , 2021, 32, 1381-1384.	4.8	29
102	Template synthesis of multi-macrocycles by metathesis reaction. <i>Chemical Communications</i> , 2004, , 1268-1269.	2.2	28
103	Synthesis of huge macrocycles using two calix[4]arenes as templates. <i>Chemical Communications</i> , 2005, , 3132.	2.2	28
104	Stable pillar[5]arene-based pseudo[1]rotaxanes formed in polar solution. <i>Chinese Chemical Letters</i> , 2016, 27, 1655-1660.	4.8	28
105	Calix[4]arene containing thiourea and coumarin functionality as highly selective fluorescent and colorimetric chemosensor for fluoride ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 200, 307-312.	2.0	28
106	Supramolecular Strategies for Controlling Reactivity within Confined Nanospaces. <i>Angewandte Chemie</i> , 2020, 132, 13816-13825.	1.6	28
107	Narrow rim CMPO/adamantylcalix[4]arenes for the extraction of lanthanides and actinides. <i>Tetrahedron</i> , 2011, 67, 8092-8101.	1.0	27
108	Redox-switchable host-guest systems based on a bishiotetrathiafulvalene-bridged cryptand. <i>Chemical Communications</i> , 2014, 50, 15585-15588.	2.2	27

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109	Two pillar[5]arene-based mechanically selflocked molecules (MSMs): planar chirality in crystals and conformer inversion in solutions. <i>Tetrahedron Letters</i> , 2016, 57, 4133-4137.	0.7	27
110	The construction of an AIE-based controllable singlet oxygen generation system directed by a supramolecular strategy. <i>Chemical Communications</i> , 2020, 56, 7301-7304.	2.2	27
111	Configuration-independent AIE-active supramolecular polymers of cyanostilbene through the photo-stable host-guest interaction of pillar[5]arene. <i>Polymer Chemistry</i> , 2017, 8, 5295-5302.	1.9	26
112	Selection of Planar Chiral Conformations between Pillar[5,6]arenes Induced by Amino Acid Derivatives in Aqueous Media. <i>Chemistry - A European Journal</i> , 2021, 27, 5890-5896.	1.7	26
113	Synthesis and characterisation of alkyl-N,N'-bis(salicylidene)ethylenediamino- and alkyl-N,N'-bis(salicylidene)-1,2-phenylenediaminogallium or indium complexes: crystal structure of methyl-N,N'-bis(salicylidene)-1,2-phenylenediaminoindium. <i>Journal of Organometallic Chemistry</i> , 1999, 590, 242-247.	0.8	25
114	Square-Planar Palladium Complexes with Trans Di- and Tribenzylphosphine Ligands Bearing O(CH ₂) ₄ CH ₂ Substituents; Two- and Three-Fold Intramolecular Ring-Closing Metatheses. <i>Organometallics</i> , 2010, 29, 3231-3234.	1.1	25
115	Acid/base-controllable fluorescent molecular switches based on cryptands and basic N-heteroaromatics. <i>Chemical Communications</i> , 2017, 53, 11838-11841.	2.2	25
116	Supramolecular polymerization and cyclization of dioxynaphthalene motif bridged bifunctional UPys: minor variations in the molecular skeleton and drastic differences in self-assembly. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2738-2745.	3.2	25
117	SOLVENT-FREE SYNTHESSES OF SALICYLALDIMINES ASSISTED BY MICROWAVE IRRADIATION. <i>Synthetic Communications</i> , 2002, 32, 2395-2402.	1.1	24
118	Self-assembly of tetrahedral M ₄ L ₆ clusters from a new rigid ligand. <i>Dalton Transactions RSC</i> , 2002, , 134-135.	2.3	24
119	Synthesis, structural characterization of benzimidazole-functionalized Ni(II) and Hg(II) N-heterocyclic carbene complexes and their applications as efficient catalysts for Friedel-Crafts alkylations. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2949-2957.	0.8	23
120	Efficient organic light-emitting diodes with low efficiency roll-off at high brightness using iridium emitters based on 2-(4-trifluoromethyl-6-fluoro phenyl)pyridine and tetraphenylimidodiphosphinate derivatives. <i>Dyes and Pigments</i> , 2014, 105, 105-113.	2.0	22
121	Oxo-spirocyclic structure bridged ditopic Schiff base: A turn-on fluorescent probe for selective recognition of Zn(II) and its application in biosensing. <i>Dyes and Pigments</i> , 2018, 149, 921-926.	2.0	22
122	Formation of Twisted β -Sheet Tapes from a Self-Complementary Peptide Based on Novel Pillararene-GCP Host-Guest Interaction with Gene Transfection Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 9754-9759.	1.7	22
123	Ring-opening supramolecular polymerization controlled by orthogonal non-covalent interactions. <i>Polymer Chemistry</i> , 2019, 10, 3342-3350.	1.9	22
124	Supramolecular asymmetric catalysis mediated by crown ethers and related recognition systems. <i>Green Synthesis and Catalysis</i> , 2021, 2, 156-164.	3.7	22
125	Extraction of americium and europium by CMPO-substituted adamantylcalixarenes. <i>Radiochimica Acta</i> , 2005, 93, .	0.5	21
126	Cu-catalyzed direct C-H bond functionalization: a regioselective protocol to 5-aryl thiazolo[3,2-b]-1,2,4-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1390.	1.5	21

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127	4-Methylcoumarin-bridged fluorescent responsive cryptand: from [2+2] photodimerization to supramolecular polymer. <i>Chemical Communications</i> , 2016, 52, 8715-8718.	2.2	21
128	Novel pseudo[2]rotaxanes constructed by the self-assembly of dibenzyl tetramethylene bis-carbamate derivatives and per-ethylated pillar[5]arene. <i>Chemical Communications</i> , 2015, 51, 6504-6507.	2.2	20
129	Supramolecular Prodrug Micelles Constructed by Drug-Drug Conjugate with Water Soluble Pillar[6]arene for Controllable and Rapid Drug Release. <i>Chinese Journal of Chemistry</i> , 2015, 33, 329-334.	2.6	19
130	Pf ∞ functional group-containing cryptands: from supramolecular complexes to poly[2]pseudorotaxanes. <i>Chemical Communications</i> , 2015, 51, 2667-2670.	2.2	18
131	The construction of aggregation-induced charge transfer emission systems in aqueous solution directed by supramolecular strategy. <i>Chinese Chemical Letters</i> , 2022, 33, 1975-1978.	4.8	18
132	Efficient intracellular delivery of native proteins facilitated by preorganized guanidiniums on pillar[5]arene skeleton. <i>Nano Today</i> , 2022, 43, 101396.	6.2	18
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