Kimoon Kim

List of Publications by Year
in descending order

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173 papers	25,974 citations	13865 67 h-index	6131 159 g-index
195 all docs	195 docs citations	195 times ranked	17037 citing authors

#	Article	IF	Citations
1	A homochiral metalâ€“organic porous material for enantioselective separation and catalysis. Nature, 2000, 404, 982-986.	27.8	3,805
2	Homochiral Metalâ€“Organic Frameworks for Asymmetric Heterogeneous Catalysis. Chemical Reviews, 2012, 112, 1196-1231.	47.7	2,699
3	Cucurbituril Homologues and Derivatives:â€‰ New Opportunities in Supramolecular Chemistry. Accounts of Chemical Research, 2003, 36, 621-630.	15.6	1,740
4	New Cucurbituril Homologues:â€‰ Syntheses, Isolation, Characterization, and X-ray Crystal Structures of Cucurbit[n]uril (n = 5, 7, and 8). Journal of the American Chemical Society, 2000, 122, 540-541.	13.7	1,542
5	Mechanically interlocked molecules incorporating cucurbituril and their supramolecular assemblies. Chemical Society Reviews, 2002, 31, 96-107.	38.1	974
6	Functionalized cucurbiturils and their applications. Chemical Society Reviews, 2007, 36, 267-279.	38.1	858
7	A synthetic host-guest system achieves avidin-biotin affinity by overcoming enthalpyâ€“entropy compensation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20737-20742.	7.1	534
8	The aqueous supramolecular chemistry of cucurbit[n]urils, pillar[n]arenes and deep-cavity cavitands. Chemical Society Reviews, 2017, 46, 2479-2496.	38.1	473
9	Supramolecular assemblies built with host-stabilized charge-transfer interactions. Chemical Communications, 2007, , 1305-1315.	4.1	467
10	Complexation of Ferrocene Derivatives by the Cucurbit[7]uril Host:Â A Comparative Study of the Cucurbituril and Cyclodextrin Host Families. Journal of the American Chemical Society, 2005, 127, 12984-12989.	13.7	440
11	Selective Inclusion of a Hetero-Guest Pair in a Molecular Host: Formation of Stable Charge-Transfer Complexes in Cucurbit[8]uril. Angewandte Chemie - International Edition, 2001, 40, 1526-1529.	13.8	417
12	Facile Synthesis of Cucurbit[n]uril Derivatives via Direct Functionalization:Â Expanding Utilization of Cucurbit[n]uril. Journal of the American Chemical Society, 2003, 125, 10186-10187.	13.7	389
13	Can we beat the biotinâ€“avidin pair?: cucurbit[7]uril-based ultrahigh affinity hostâ€“guest complexes and their applications. Chemical Society Reviews, 2015, 44, 8747-8761.	38.1	357
14	Molecular Container Assembly Capable of Controlling Binding and Release of Its Guest Molecules:Â Reversible Encapsulation of Organic Molecules in Sodium Ion Complexed Cucurbituril. Journal of the American Chemical Society, 1996, 118, 9790-9791.	13.7	342
15	Supramolecular Velcro for Reversible Underwater Adhesion. Angewandte Chemie - International Edition, 2013, 52, 3140-3144.	13.8	314
16	New Ultrahigh Affinity Hostâ^'Guest Complexes of Cucurbit[7]uril with Bicyclo[2.2.2]octane and Adamantane Guests: Thermodynamic Analysis and Evaluation of M2 Affinity Calculations. Journal of the American Chemical Society, 2011, 133, 3570-3581.	13.7	306
17	Highly Selective Carbon Dioxide Sorption in an Organic Molecular Porous Material. Journal of the American Chemical Society, 2010, 132, 12200-12202.	13.7	301
18	Control of the stoichiometry in hostâ€“guest complexation by redox chemistry of guests: Inclusion of methylviologen in cucurbit[8]uril. Chemical Communications, 2002, , 1828-1829.	4.1	294

#	Article	IF	Citations
19	Cucurbit[6]uril: Organic Molecular Porous Material with Permanent Porosity, Exceptional Stability, and Acetylene Sorption Properties. Angewandte Chemie - International Edition, 2008, 47, 3352-3355.	13.8	293
20	Supramolecular Amphiphiles: Spontaneous Formation of Vesicles Triggered by Formation of a Charge-Transfer Complex in a Host. Angewandte Chemie - International Edition, 2002, 41, 4474-4476.	13.8	260
21	In Situ Supramolecular Assembly and Modular Modification of Hyaluronic Acid Hydrogels for 3D Cellular Engineering. ACS Nano, 2012, 6, 2960-2968.	14.6	229
22	Separation of Acetylene from Carbon Dioxide and Ethylene by a Waterâ€Stable Microporous Metalâ€“Organic Framework with Aligned Imidazolium Groups inside the Channels. Angewandte Chemie - International Edition, 2018, 57, 7869-7873.	13.8	218
23	A facile, stereoselective [2 + 2] photoreaction mediated by cucurbit[8]uril. Chemical Communications, 2001, , 1938-1939.	4.1	215
24	Molecular Necklace:Â Quantitative Self-Assembly of a Cyclic Oligorotaxane from Nine Molecules. Journal of the American Chemical Society, 1998, 120, 4899-4900.	13.7	213
25	Cucurbit[7]uril: A Simple Macrocyclic, pH-Triggered Hydrogelator Exhibiting Guest-Induced Stimuli-Responsive Behavior. Angewandte Chemie - International Edition, 2007, 46, 210-213.	13.8	213
26	Supramolecular fishing for plasma membrane proteins using an ultrastable synthetic hostâ€“guest binding pair. Nature Chemistry, 2011, 3, 154-159.	13.6	208
27	Synthetic Ion Channel Based on Metalâ€“Organic Polyhedra. Angewandte Chemie - International Edition, 2008, 47, 5755-5757.	13.8	206
28	A Molecular Bowl with Metal Ion as Bottom: Reversible Inclusion of Organic Molecules in Cesium Ion Complexed Cucurbituril. Angewandte Chemie - International Edition, 1998, 37, 78-80.	13.8	204
29	Three-dimensional bioprinting of multilayered constructs containing human mesenchymal stromal cells for osteochondral tissue regeneration in the rabbit knee joint. Biofabrication, 2016, 8, 014102.	7.1	200
30	Facile, Templateâ€Free Synthesis of Stimuliâ€Responsive Polymer Nanocapsules for Targeted Drug Delivery. Angewandte Chemie - International Edition, 2010, 49, 4405-4408.	13.8	198
31	Hydrolytic Transformation of Microporous Metalâ€“Organic Frameworks to Hierarchical Microâ€•and Mesoporous MOFs. Angewandte Chemie - International Edition, 2015, 54, 13273-13278.	13.8	186
32	Guest Binding Dynamics with Cucurbit[7]uril in the Presence of Cations. Journal of the American Chemical Society, 2011, 133, 20623-20633.	13.7	179
33	Artificial Ion Channel Formed by Cucurbit[n]uril Derivatives with a Carbonyl Group Fringed Portal Reminiscent of the Selectivity Filter of K+Channels. Journal of the American Chemical Society, 2004, 126, 15944-15945.	13.7	169
34	Vesicle Formed by Amphiphilc Cucurbit[6]uril:â€‰ Versatile, Noncovalent Modification of the Vesicle Surface, and Multivalent Binding of Sugar-Decorated Vesicles to Lectin. Journal of the American Chemical Society, 2005, 127, 5006-5007.	13.7	164
35	Macrocycles within Macrocycles: Cyclen, Cyclam, and Their Transition Metal Complexes Encapsulated in Cucurbit[8]uril. Angewandte Chemie - International Edition, 2001, 40, 2119-2121.	13.8	161
36	Porphyrin Boxes: Rationally Designed Porous Organic Cages. Angewandte Chemie - International Edition, 2015, 54, 13241-13244.	13.8	161

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37	Iron Porphyrins Embedded into a Supramolecular Porous Organic Cage for Electrochemical CO₂ Reduction in Water. Angewandte Chemie - International Edition, 2018, 57, 9684-9688.	13.8	149
38	Microporous Magnesium and Manganese Formates for Acetylene Storage and Separation. Chemistry - an Asian Journal, 2007, 2, 484-488.	3.3	147
39	Shape-Induced, Hexagonal, Open Frameworks: Rubidium Ion Complexed Cucurbituril. Angewandte Chemie - International Edition, 1999, 38, 641-643.	13.8	146
40	Noncovalent Immobilization of Proteins on a Solid Surface by Cucurbit[7]uril-Ferrocenemethylammonium Pair, a Potential Replacement of Biotinâ^'Avidin Pair. Journal of the American Chemical Society, 2007, 129, 4170-4171.	13.7	142
41	Hollowing out MOFs: hierarchical micro- and mesoporous MOFs with tailorable porosity via selective acid etching. Chemical Science, 2017, 8, 6799-6803.	7.4	141
42	Reductionâ€Sensitive, Robust Vesicles with a Nonâ€covalently Modifiable Surface as a Multifunctional Drugâ€Delivery Platform. Small, 2010, 6, 1430-1441.	10.0	121
43	Porphyrin Boxes. Accounts of Chemical Research, 2018, 51, 2730-2738.	15.6	121
44	Direct Synthesis of Polymer Nanocapsules with a Noncovalently Tailorable Surface. Angewandte Chemie - International Edition, 2007, 46, 3471-3474.	13.8	119
45	Self-Assembly of Nanostructured Materials through Irreversible Covalent Bond Formation. Accounts of Chemical Research, 2015, 48, 2221-2229.	15.6	116
46	Complexation Thermodynamics of Cucurbit[6]uril with Aliphatic Alcohols, Amines, and Diamines. Supramolecular Chemistry, 2007, 19, 39-46.	1.2	114
47	Cucurbituril-based nanoparticles: a new efficient vehicle for targeted intracellular delivery of hydrophobic drugs. Chemical Communications, 2009, , 71-73.	4.1	114
48	Synthesis of Phase-Pure Interpenetrated MOF-5 and Its Gas Sorption Properties. Inorganic Chemistry, 2011, 50, 3691-3696.	4.0	114
49	Iodide-Selective Synthetic Ion Channels Based on Shape-Persistent Organic Cages. Journal of the American Chemical Society, 2017, 139, 7432-7435.	13.7	107
50	Uâ€Shaped Conformation of Alkyl Chains Bound to a Synthetic Host. Angewandte Chemie - International Edition, 2008, 47, 4106-4109.	13.8	106
51	Synthesis of a Five-Membered Molecular Necklace: A 2+2 Approach. Angewandte Chemie - International Edition, 1999, 38, 637-641.	13.8	102
52	Smart SERS Hot Spots: Single Molecules Can Be Positioned in a Plasmonic Nanojunction Using Hostâ€"Guest Chemistry. Journal of the American Chemical Society, 2018, 140, 4705-4711.	13.7	102
53	Supramolecular Tuning Enables Selective Oxygen Reduction Catalyzed by Cobalt Porphyrins for Direct Electrosynthesis of Hydrogen Peroxide. Angewandte Chemie - International Edition, 2020, 59, 4902-4907.	13.8	97
54	Complexation of Aliphatic Ammonium Ions with a Waterâ€Soluble Cucurbit[6]uril Derivative in Pure Water: Isothermal Calorimetric, NMR, and Xâ€ray Crystallographic Study. Chemistry - A European Journal, 2009, 15, 6143-6151.	3.3	94

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55	Metalâ€Ion Metathesis in Metalâ€“Organic Frameworks: A Synthetic Route to New Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2012, 18, 16642-16648.	3.3	90
56	Cucurbiturils?a New Family of Host Molecules. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 31-36.	1.6	83
57	High Affinity Hostâ€“Guest FRET Pair for Single-Vesicle Content-Mixing Assay: Observation of Flickering Fusion Events. Journal of the American Chemical Society, 2015, 137, 8908-8911.	13.7	82
58	NMR study of the reversible complexation of xenon by cucurbituril. Perkin Transactions II RSC, 2001, , 804-807.	1.1	78
59	Highly Stable, Waterâ€Dispersible Metalâ€Nanoparticleâ€Decorated Polymer Nanocapsules and Their Catalytic Applications. Angewandte Chemie - International Edition, 2014, 53, 6414-6418.	13.8	74
60	Tumor vasodilation by N-Heterocyclic carbene-based nitric oxide delivery triggered by high-intensity focused ultrasound and enhanced drug homing to tumor sites for anti-cancer therapy. Biomaterials, 2019, 217, 119297.	11.4	74
61	The guest-dependent thermal response of the flexible MOF Zn₂(BDC)₂(DABCO). Dalton Transactions, 2016, 45, 4187-4192.	3.3	71
62	Supramolecular latching system based on ultrastable synthetic binding pairs as versatile tools for protein imaging. Nature Communications, 2018, 9, 1712.	12.8	71
63	Galactosylated cucurbituril-inclusion polyplex for hepatocyte-targeted gene delivery. Chemical Communications, 2010, 46, 692-694.	4.1	69
64	Gigantic Porphyrinic Cages. CheM, 2020, 6, 3374-3384.	11.7	69
65	Novel dendron-stabilized gold nanoparticles with high stability and narrow size distribution. Chemical Communications, 2001, , 667-668.	4.1	68
66	A kinetically controlled molecular switch based on bistable [2]rotaxane. Chemical Communications, 2001, , 1042-1043.	4.1	68
67	Highly Sensitive and Selective Biosensors Based on Organic Transistors Functionalized with Cucurbit[6]uril Derivatives. Advanced Functional Materials, 2015, 25, 4882-4888.	14.9	66
68	Methane Sorption and Structural Characterization of the Sorption Sites in Zn₂(bdc)₂(dabco) by Single Crystal Xâ€ray Crystallography. Chemistry - an Asian Journal, 2009, 4, 886-891.	3.3	65
69	Separation of Acetylene from Carbon Dioxide and Ethylene by a Waterâ€Stable Microporous Metalâ€“Organic Framework with Aligned Imidazolium Groups inside the Channels. Angewandte Chemie, 2018, 130, 7995-7999.	2.0	64
70	NMR Investigation of the complexation of neutral guests by cucurbituril. Perkin Transactions II RSC, 2001, , 2104-2107.	1.1	63
71	Supramolecular Hydrogels for Longâ€Term Bioengineered Stem Cell Therapy. Advanced Healthcare Materials, 2015, 4, 237-244.	7.6	62
72	Autophagy Caught in the Act: A Supramolecular FRET Pair Based on an Ultrastable Synthetic Hostâ€“Guest Complex Visualizes Autophagosomeâ€“Lysosome Fusion. Angewandte Chemie - International Edition, 2018, 57, 2120-2125.	13.8	61

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73	Supramolecular self-assembly of tin(iv) porphyrin channels stabilizing single-file chains of water molecules. CrystEngComm, 2005, 7, 417.	2.6	60
74	Solvent-responsive polymer nanocapsules with controlled permeability: encapsulation and release of a fluorescent dye by swelling and deswelling. Chemical Communications, 2009, , 1472.	4.1	60
75	Ultrastable Artificial Binding Pairs as a Supramolecular Latching System: A Next Generation Chemical Tool for Proteomics. Accounts of Chemical Research, 2017, 50, 644-646.	15.6	60
76	Rational Design and Construction of Hierarchical Superstructures Using Shape-Persistent Organic Cages: Porphyrin Box-Based Metallosupramolecular Assemblies. Journal of the American Chemical Society, 2018, 140, 14547-14551.	13.7	59
77	Ultrastable Hostâ€“Guest Complexes and Their Applications. Israel Journal of Chemistry, 2011, 51, 506-514.	2.3	57
78	Triazenyl Radicals Stabilized by N-Heterocyclic Carbenes. Journal of the American Chemical Society, 2017, 139, 15300-15303.	13.7	49
79	Fuelâ€Driven Transient Crystallization of a Cucurbit[8]urilâ€Based Hostâ€“Guest Complex. Angewandte Chemie - International Edition, 2019, 58, 16850-16853.	13.8	45
80	Chiral Metal-Organic Porous Materials: Synthetic Strategies and Applications in Chiral Separation and Catalysis. Topics in Current Chemistry, 2009, 293, 115-153.	4.0	43
81	Self-assembled, covalently linked, hollow phthalocyanine nanospheres. Chemical Science, 2013, 4, 339-344.	7.4	43
82	Hollow nanotubular toroidal polymer microrings. Nature Chemistry, 2014, 6, 97-103.	13.6	43
83	Iron Porphyrins Embedded into a Supramolecular Porous Organic Cage for Electrochemical CO₂ Reduction in Water. Angewandte Chemie, 2018, 130, 9832-9836.	2.0	42
84	N-Heterocyclic Carbene Nitric Oxide Radicals. Journal of the American Chemical Society, 2015, 137, 4642-4645.	13.7	40
85	Cobalt-Catalyzed Câ€“F Bond Borylation of Aryl Fluorides. Organic Letters, 2018, 20, 7249-7252.	4.6	40
86	Exclusive Formation of 1:1 and 2:2 Complexes between Cucurbit[8]uril and Electron Donor-acceptor Molecules Induced by Host-stabilized Charge-transfer Interactions. Supramolecular Chemistry, 2007, 19, 287-293.	1.2	38
87	Cucurbit[6]uril-based polymer nanocapsules as a non-covalent and modular bioimaging platform for multimodal in vivo imaging. Materials Horizons, 2017, 4, 450-455.	12.2	38
88	Monoâ€allyloxylated Cucurbit[7]uril Acts as an Unconventional Amphiphile To Form Lightâ€Responsive Vesicles. Angewandte Chemie - International Edition, 2018, 57, 3132-3136.	13.8	38
89	Purification of protein therapeutics via high-affinity supramolecular hostâ€“guest interactions. Nature Biomedical Engineering, 2020, 4, 1044-1052.	22.5	37
90	Value-added Synthesis of Graphene: Recycling Industrial Carbon Waste into Electrodes for High-Performance Electronic Devices. Scientific Reports, 2015, 5, 16710.	3.3	36

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91	Reversible Morphological Transformation between Polymer Nanocapsules and Thin Films through Dynamic Covalent Selfâ€Assembly. Angewandte Chemie - International Edition, 2015, 54, 2693-2697.	13.8	36
92	Enrichment of Specifically Labeled Proteins by an Immobilized Host Molecule. Angewandte Chemie - International Edition, 2017, 56, 2395-2398.	13.8	36
93	Audible sound-controlled spatiotemporal patterns in out-of-equilibrium systems. Nature Chemistry, 2020, 12, 808-813.	13.6	36
94	Activation of Small Molecules at N-Heterocyclic Carbene Centers. Synlett, 2016, 27, 477-485.	1.8	35
95	Supramolecular Fullerene Tetramers Concocted with Porphyrin Boxes Enable Efficient Charge Separation and Delocalization. Journal of the American Chemical Society, 2020, 142, 12596-12601.	13.7	35
96	Superacid-Mediated Functionalization of Hydroxylated Cucurbit[n]urils. Journal of the American Chemical Society, 2019, 141, 17503-17506.	13.7	33
97	Dye-Cucurbit[n]uril Complexes as Sensor Elements for Reliable Pattern Recognition of Biogenic Polyamines. Bulletin of the Chemical Society of Japan, 2018, 91, 95-99.	3.2	31
98	A facile preparation method for nanosized MOFs as a multifunctional material for cellular imaging and drug delivery. Supramolecular Chemistry, 2017, 29, 441-445.	1.2	28
99	Cucurbit[n]uril-based amphiphiles that self-assemble into functional nanomaterials for therapeutics. Chemical Communications, 2019, 55, 10654-10664.	4.1	28
100	A simple modular aptasensor platform utilizing cucurbit[7]uril and a ferrocene derivative as an ultrastable supramolecular linker. Chemical Communications, 2015, 51, 3098-3101.	4.1	27
101	Cucurbiturils?a New Family of Host Molecules. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 31-36.	1.6	26
102	Electrochemically Controllable Reversible Formation of Cucurbit[8]uril-Stabilized Charge-Transfer Complex on Surface. Supramolecular Chemistry, 2008, 20, 149-155.	1.2	24
103	Remotely controllable supramolecular rotor mounted inside a porphyrinic cage. CheM, 2022, 8, 543-556.	11.7	24
104	Oxime Ether Radical Cations Stabilized by Nâ€Heterocyclic Carbenes. Angewandte Chemie - International Edition, 2018, 57, 262-265.	13.8	23
105	Bio-orthogonal Supramolecular Latching inside Live Animals and Its Application for in Vivo Cancer Imaging. ACS Applied Materials & Interfaces, 2019, 11, 43920-43927.	8.0	23
106	Improved Parameterization of Proteinâ€“DNA Interactions for Molecular Dynamics Simulations of PCNA Diffusion on DNA. Journal of Chemical Theory and Computation, 2020, 16, 4006-4013.	5.3	23
107	A Supramolecular Porous Organic Cage Platform Promotes Electrochemical Hydrogen Evolution from Water Catalyzed by Cobalt Porphyrins. ChemElectroChem, 2021, 8, 1653-1657.	3.4	23
108	Selfâ€Healable Supramolecular Hydrogel Formed by Norâ€Secoâ€Cucurbit[10]uril as a Supramolecular Crosslinker. Chemistry - an Asian Journal, 2017, 12, 1461-1464.	3.3	22

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109	Self-Assembly of Interlocked Structures: Rotaxanes, Polyrotaxanes and Molecular Necklaces. Molecular Crystals and Liquid Crystals, 1999, 327, 65-70.	0.3	21
110	Genetically engineered mesenchymal stem cell therapy using self-assembling supramolecular hydrogels. Journal of Controlled Release, 2015, 220, 119-129.	9.9	21
111	SuFEx in Metalâ€“Organic Frameworks: Versatile Postsynthetic Modification Tool. ACS Applied Materials & Interfaces, 2018, 10, 33785-33789.	8.0	21
112	Construction of a Square-wave-shaped One-dimensional Polyrotaxane Using a Preorganized L-shaped Pseudorotaxane. Supramolecular Chemistry, 2002, 14, 153-158.	1.2	20
113	Nanoscale Control of Amyloid Self-Assembly Using Protein Phase Transfer by Host-Guest Chemistry. Scientific Reports, 2017, 7, 5710.	3.3	20
114	Autophagy Caught in the Act: A Supramolecular FRET Pair Based on an Ultrastable Synthetic Hostâ€“Guest Complex Visualizes Autophagosomeâ€“Lysosome Fusion. Angewandte Chemie, 2018, 130, 2142-2147.	2.0	20
115	Fuelâ€Driven Transient Crystallization of a Cucurbit[8]urilâ€Based Hostâ€“Guest Complex. Angewandte Chemie, 2019, 131, 17006-17009.	2.0	20
116	Two-dimensional metalâ€“organic network with an unusual 36 topology and a cubic close packing pattern. CrystEngComm, 2008, 10, 954.	2.6	19
117	Mechanistic Insight into the Conversion Chemistry between Au-CuO Heterostructured Nanocrystals Confined inside SiO₂ Nanospheres. Chemistry of Materials, 2017, 29, 1788-1795.	6.7	19
118	Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes. Journal of the American Chemical Society, 2021, 143, 5836-5844.	13.7	19
119	Manifesting Subtle Differences of Neutral Hydrophilic Guest Isomers in a Molecular Container by Phase Transfer. Angewandte Chemie - International Edition, 2016, 55, 8249-8253.	13.8	18
120	Supramolecular Tuning Enables Selective Oxygen Reduction Catalyzed by Cobalt Porphyrins for Direct Electrosynthesis of Hydrogen Peroxide. Angewandte Chemie, 2020, 132, 4932-4937.	2.0	18
121	Synthetic control of coincidental formation of an N-heterocyclic carbeneâ€“copper(<scp>i</scp>) complex and imidazolium cations within metalâ€“organic frameworks. CrystEngComm, 2017, 19, 1528-1534.	2.6	17
122	Self-assembled adhesive biomaterials formed by a genetically designed fusion protein. Chemical Communications, 2018, 54, 12642-12645.	4.1	17
123	Self-Assembly of Interlocked Structures and Open Framework Materials using Coordination Bonds. Molecular Crystals and Liquid Crystals, 2000, 342, 29-38.	0.3	16
124	Metalâ€“organic frameworks with rare topologies: lonsdaleite-type metal formates and their magnetic properties. CrystEngComm, 2011, 13, 2197.	2.6	16
125	A new cucurbit[6]uril-based ion-selective electrode for acetylcholine with high selectivity over choline and related quaternary ammonium ions. Supramolecular Chemistry, 2012, 24, 487-491.	1.2	16
126	Reversible photoreduction of Cu(<scp>ii</scp>)â€“coumarin metalâ€“organic polyhedra. Chemical Communications, 2017, 53, 9250-9253.	4.1	16

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127	Cucurbit[7]uril-conjugated dyes as live cell imaging probes: investigation on their cellular uptake and excretion pathways. Organic and Biomolecular Chemistry, 2019, 17, 6215-6220.	2.8	16
128	Hierarchical Selfâ€Assembly of Polyâ€Pseudorotaxanes into Artificial Microtubules. Angewandte Chemie - International Edition, 2020, 59, 3460-3464.	13.8	16
129	Hierarchical Porous Carbon Materials Prepared by Direct Carbonization of <scp>Metalâ€"Organic</scp> Frameworks as an Electrode Material for Supercapacitors. Bulletin of the Korean Chemical Society, 2021, 42, 309-314.	1.9	15
130	An Organic Mixedâ€Valence Ligand for Multistate Redoxâ€Active Coordination Networks. Angewandte Chemie - International Edition, 2018, 57, 4717-4721.	13.8	13
131	Strong host-guest interaction enables facile and controllable surface modification of cucurbit[6]uril-based polymer nanocapsules for in vivo cancer targeting. Supramolecular Chemistry, 2019, 31, 289-295.	1.2	13
132	Structural Control of Metalâ€"Organic Framework Bearing N-Heterocyclic Imidazolium Cation and Generation of Highly Stable Porous Structure. Inorganic Chemistry, 2019, 58, 6619-6627.	4.0	13
133	Colloidal Porous AuAg Alloyed Nanoparticles for Enhanced Photoacoustic Imaging. ACS Applied Materials & Interfaces, 2020, 12, 32270-32277.	8.0	13
134	Reversible Morphological Transformation between Polymer Nanocapsules and Thin Films through Dynamic Covalent Selfâ€Assembly. Angewandte Chemie, 2015, 127, 2731-2735.	2.0	11
135	E-Bodipy fluorescent chemosensor for Zn2+ ion. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 233-239.	3.9	11
136	Visualization of lipophagy using a supramolecular FRET pair. Chemical Communications, 2021, 57, 12179-12182.	4.1	11
137	A facile method for 2â€thiophenacylidenethiazoline derivatives. Journal of Heterocyclic Chemistry, 1993, 30, 929-938.	2.6	9
138	NEW THREE DIMENSIONAL [Cd(CN)₂]_n FRAMEWORK FORMED WITH CADMIUM CYANIDE AND Cd(CN)₂Â·(18-CROWN-6): CRYSTAL STRUCTURE OF [Cd(CN)₂]Â·1/2[Cd(CN)₂ (18-CROWN-6)]Â·3/2EtOH⁺. Journal of Coordination Chemistry, 1996, 37, 7-15.	2.2	9
139	The first tin(IV) porphyrin complex with chiral amino acid ligands: synthesis, characterization and X-ray crystal structure of trans-bis(L-prolinato)[5,10,15,20-tetrakis-(4-pyridyl)porphyrinato]tin(IV). Journal of Porphyrins and Phthalocyanines, 2009, 13, 805-810.	0.8	9
140	Permselective 2D-polymer-based membrane tuneable by hostâ€"guest chemistry. Chemical Communications, 2016, 52, 9676-9678.	4.1	9
141	Supra-blot: an accurate and reliable assay for detecting target proteins with a synthetic host moleculeâ€"enzyme hybrid. Chemical Communications, 2020, 56, 1549-1552.	4.1	9
142	Synthesis and Electrochemical Properties of Calix[4]arene-triester-monoquinones. Supramolecular Chemistry, 1998, 9, 221-229.	1.2	8
143	Enrichment of Specifically Labeled Proteins by an Immobilized Host Molecule. Angewandte Chemie, 2017, 129, 2435-2438.	2.0	8
144	An Nâ€Heterocyclicâ€Carbeneâ€"Tetracyanoethylene Zwitterion: Experimental and Theoretical Study on Its Formation and Reactivity. European Journal of Organic Chemistry, 2017, 2017, 1231-1235.	2.4	8

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145	A synthesis of novel expanded porphyrinoids: Ni^{II}-induced nitrile cyclization of dicyanovinylene-bis(meso-aryl)dipyrrin. Dalton Transactions, 2017, 46, 10802-10808.	3.3	8
146	Force Measurement for the Interaction between Cucurbit[7]uril and Mica and Self-Assembled Monolayer in the Presence of Zn²⁺ Studied with Atomic Force Microscopy. Langmuir, 2017, 33, 11884-11892.	3.5	8
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