

Kimoon Kim

List of Publications by Year in descending order

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173
papers

25,974
citations

13865

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6131

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195
all docs

195
docs citations

195
times ranked

17037
citing authors

#	ARTICLE	IF	CITATIONS
1	Remotely controllable supramolecular rotor mounted inside a porphyrinic cage. <i>CheM</i> , 2022, 8, 543-556.	11.7	24
2	Reversible ammonia uptake at room temperature in a robust and tunable metal-organic framework. <i>RSC Advances</i> , 2022, 12, 7605-7611.	3.6	2
3	Contagious Aggregation: Transmittable Protein Aggregation in Cellular Communities Initiated by Synthetic Cells. <i>Journal of the American Chemical Society</i> , 2022, 144, 5067-5073.	13.7	6
4	Cascade reaction networks within audible sound induced transient domains in a solution. <i>Nature Communications</i> , 2022, 13, 2372.	12.8	4
5	Out-of-equilibrium chemical logic systems: Light- and sound-controlled programmable spatiotemporal patterns and mechanical functions. <i>CheM</i> , 2022, 8, 2192-2203.	11.7	5
6	Hierarchical Porous Carbon Materials Prepared by Direct Carbonization of μ -Metal-Organic Frameworks as an Electrode Material for Supercapacitors. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 309-314.	1.9	15
7	Pseudomorphic transformation of iron-based microporous metal-organic frameworks to mesoporous iron phosphate. <i>Inorganica Chimica Acta</i> , 2021, 516, 120113.	2.4	1
8	Permselective Two-Dimensional Polymer Film-Based Chemical Sensors. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 869-871.	3.2	7
9	Programmable Synthesis of Silver Wheels. <i>Inorganic Chemistry</i> , 2021, 60, 6403-6409.	4.0	2
10	Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes. <i>Journal of the American Chemical Society</i> , 2021, 143, 5836-5844.	13.7	19
11	A Supramolecular Porous Organic Cage Platform Promotes Electrochemical Hydrogen Evolution from Water Catalyzed by Cobalt Porphyrins. <i>ChemElectroChem</i> , 2021, 8, 1653-1657.	3.4	23
12	Visualization of lipophagy using a supramolecular FRET pair. <i>Chemical Communications</i> , 2021, 57, 12179-12182.	4.1	11
13	Construction of Stable Metal-Organic Framework Platforms Embedding μ -N-Heterocyclic Carbene Metal Complexes for Selective Catalysis. <i>Inorganic Chemistry</i> , 2021, 60, 18687-18697.	4.0	3
14	Supramolecular Tuning Enables Selective Oxygen Reduction Catalyzed by Cobalt Porphyrins for Direct Electrosynthesis of Hydrogen Peroxide. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4902-4907.	13.8	97
15	Supra-blot: an accurate and reliable assay for detecting target proteins with a synthetic host molecule-enzyme hybrid. <i>Chemical Communications</i> , 2020, 56, 1549-1552.	4.1	9
16	Hierarchical Self-Assembly of Poly-pseudorotaxanes into Artificial Microtubules. <i>Angewandte Chemie</i> , 2020, 132, 3488-3492.	2.0	3
17	Hierarchical Self-Assembly of Poly-pseudorotaxanes into Artificial Microtubules. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3460-3464.	13.8	16
18	Purification of protein therapeutics via high-affinity supramolecular host-guest interactions. <i>Nature Biomedical Engineering</i> , 2020, 4, 1044-1052.	22.5	37

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19	Audible sound-controlled spatiotemporal patterns in out-of-equilibrium systems. <i>Nature Chemistry</i> , 2020, 12, 808-813.	13.6	36
20	Transient Self-Assembly Processes Operated by Gaseous Fuels under Out-of-Equilibrium Conditions. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4118-4123.	3.3	4
21	Gigantic Porphyrinic Cages. <i>CheM</i> , 2020, 6, 3374-3384.	11.7	69
22	Nonlinear Dependence on Na ⁺ Ions for the Binding Dynamics of Cucurbit[6]uril with the <i>trans</i> -1-Methyl-4-(4-hydroxystyryl)pyridinium Cation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10219-10225.	2.6	4
23	Supramolecular Fullerene Tetramers Concocted with Porphyrin Boxes Enable Efficient Charge Separation and Delocalization. <i>Journal of the American Chemical Society</i> , 2020, 142, 12596-12601.	13.7	35
24	Improved Parameterization of Protein-DNA Interactions for Molecular Dynamics Simulations of PCNA Diffusion on DNA. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 4006-4013.	5.3	23
25	Colloidal Porous AuAg Alloyed Nanoparticles for Enhanced Photoacoustic Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32270-32277.	8.0	13
26	Supramolecular Tuning Enables Selective Oxygen Reduction Catalyzed by Cobalt Porphyrins for Direct Electrosynthesis of Hydrogen Peroxide. <i>Angewandte Chemie</i> , 2020, 132, 4932-4937.	2.0	18
27	Cucurbit[<i>n</i>]uril-based amphiphiles that self-assemble into functional nanomaterials for therapeutics. <i>Chemical Communications</i> , 2019, 55, 10654-10664.	4.1	28
28	Superacid-Mediated Functionalization of Hydroxylated Cucurbit[<i>n</i>]urils. <i>Journal of the American Chemical Society</i> , 2019, 141, 17503-17506.	13.7	33
29	Fuel-Driven Transient Crystallization of a Cucurbit[8]uril-Based Host-Guest Complex. <i>Angewandte Chemie</i> , 2019, 131, 17006-17009.	2.0	20
30	Fuel-Driven Transient Crystallization of a Cucurbit[8]uril-Based Host-Guest Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16850-16853.	13.8	45
31	Bio-orthogonal Supramolecular Latching inside Live Animals and Its Application for in Vivo Cancer Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43920-43927.	8.0	23
32	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. <i>Biomaterials</i> , 2019, 217, 119297.	11.4	74
33	Cucurbit[7]uril-conjugated dyes as live cell imaging probes: investigation on their cellular uptake and excretion pathways. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6215-6220.	2.8	16
34	Strong host-guest interaction enables facile and controllable surface modification of cucurbit[6]uril-based polymer nanocapsules for <i>in vivo</i> cancer targeting. <i>Supramolecular Chemistry</i> , 2019, 31, 289-295.	1.2	13
35	Structural Control of Metal-Organic Framework Bearing N-Heterocyclic Imidazolium Cation and Generation of Highly Stable Porous Structure. <i>Inorganic Chemistry</i> , 2019, 58, 6619-6627.	4.0	13
36	Smart SERS Hot Spots: Single Molecules Can Be Positioned in a Plasmonic Nanojunction Using Host-Guest Chemistry. <i>Journal of the American Chemical Society</i> , 2018, 140, 4705-4711.	13.7	102

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37	Direct Profiling the Post-Translational Modification Codes of a Single Protein Immobilized on a Surface Using Cu-free Click Chemistry. <i>ACS Central Science</i> , 2018, 4, 614-623.	11.3	5
38	Separation of Acetylene from Carbon Dioxide and Ethylene by a Water-Stable Microporous Metal-Organic Framework with Aligned Imidazolium Groups inside the Channels. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7869-7873.	13.8	218
39	An Organic Mixed-Valence Ligand for Multistate Redox-Active Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4717-4721.	13.8	13
40	Mono-Allyloxyylated Cucurbit[7]uril Acts as an Unconventional Amphiphile To Form Light-Responsive Vesicles. <i>Angewandte Chemie</i> , 2018, 130, 3186-3190.	2.0	7
41	Autophagy Caught in the Act: A Supramolecular FRET Pair Based on an Ultrastable Synthetic Host-Guest Complex Visualizes Autophagosome-Lysosome Fusion. <i>Angewandte Chemie</i> , 2018, 130, 2142-2147.	2.0	20
42	Mono-Allyloxyylated Cucurbit[7]uril Acts as an Unconventional Amphiphile To Form Light-Responsive Vesicles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3132-3136.	13.8	38
43	Dye-Cucurbit[7]uril Complexes as Sensor Elements for Reliable Pattern Recognition of Biogenic Polyamines. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 95-99.	3.2	31
44	Autophagy Caught in the Act: A Supramolecular FRET Pair Based on an Ultrastable Synthetic Host-Guest Complex Visualizes Autophagosome-Lysosome Fusion. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2120-2125.	13.8	61
45	Oxime Ether Radical Cations Stabilized by N-Heterocyclic Carbenes. <i>Angewandte Chemie</i> , 2018, 130, 268-271.	2.0	7
46	Supramolecular latching system based on ultrastable synthetic binding pairs as versatile tools for protein imaging. <i>Nature Communications</i> , 2018, 9, 1712.	12.8	71
47	An Organic Mixed-Valence Ligand for Multistate Redox-Active Coordination Networks. <i>Angewandte Chemie</i> , 2018, 130, 4807-4811.	2.0	0
48	Guest-Responsive, Non-enzymatic Harvest of a Cell Sheet using Controllable Host-Guest Chemistry. <i>Israel Journal of Chemistry</i> , 2018, 58, 461-465.	2.3	2
49	Oxime Ether Radical Cations Stabilized by N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 262-265.	13.8	23
50	Self-assembled adhesive biomaterials formed by a genetically designed fusion protein. <i>Chemical Communications</i> , 2018, 54, 12642-12645.	4.1	17
51	Rational Design and Construction of Hierarchical Superstructures Using Shape-Persistent Organic Cages: Porphyrin Box-Based Metallosupramolecular Assemblies. <i>Journal of the American Chemical Society</i> , 2018, 140, 14547-14551.	13.7	59
52	Cobalt-Catalyzed C-F Bond Borylation of Aryl Fluorides. <i>Organic Letters</i> , 2018, 20, 7249-7252.	4.6	40
53	Porphyrin Boxes. <i>Accounts of Chemical Research</i> , 2018, 51, 2730-2738.	15.6	121
54	SuFEx in Metal-Organic Frameworks: Versatile Postsynthetic Modification Tool. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33785-33789.	8.0	21

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55	Separation of Acetylene from Carbon Dioxide and Ethylene by a Water-Stable Microporous Metal-Organic Framework with Aligned Imidazolium Groups inside the Channels. <i>Angewandte Chemie</i> , 2018, 130, 7995-7999.	2.0	64
56	Stepwise Synthesis via Mechanochemical Reaction for Multistate Redox-active 2D Zinc(II) Coordination Network. <i>Chemistry Letters</i> , 2018, 47, 1184-1186.	1.3	2
57	Iron Porphyrins Embedded into a Supramolecular Porous Organic Cage for Electrochemical CO ₂ Reduction in Water. <i>Angewandte Chemie</i> , 2018, 130, 9832-9836.	2.0	42
58	Iron Porphyrins Embedded into a Supramolecular Porous Organic Cage for Electrochemical CO ₂ Reduction in Water. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9684-9688.	13.8	149
59	Enrichment of Specifically Labeled Proteins by an Immobilized Host Molecule. <i>Angewandte Chemie</i> , 2017, 129, 2435-2438.	2.0	8
60	Enrichment of Specifically Labeled Proteins by an Immobilized Host Molecule. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2395-2398.	13.8	36
61	An N-Heterocyclic Carbene-Tetracyanoethylene Zwitterion: Experimental and Theoretical Study on Its Formation and Reactivity. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1231-1235.	2.4	8
62	Mechanistic Insight into the Conversion Chemistry between Au-CuO Heterostructured Nanocrystals Confined inside SiO ₂ Nanospheres. <i>Chemistry of Materials</i> , 2017, 29, 1788-1795.	6.7	19
63	Synthetic control of coincidental formation of an N-heterocyclic carbene-copper complex and imidazolium cations within metal-organic frameworks. <i>CrystEngComm</i> , 2017, 19, 1528-1534.	2.6	17
64	A synthesis of novel expanded porphyrinoids: Ni ^{II} -induced nitrile cyclization of dicyanovinylene-bis(meso-aryl)dipyrrin. <i>Dalton Transactions</i> , 2017, 46, 10802-10808.	3.3	8
65	Iodide-Selective Synthetic Ion Channels Based on Shape-Persistent Organic Cages. <i>Journal of the American Chemical Society</i> , 2017, 139, 7432-7435.	13.7	107
66	Self-Healable Supramolecular Hydrogel Formed by Norbornene-Cucurbit[10]uril as a Supramolecular Crosslinker. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1461-1464.	3.3	22
67	The aqueous supramolecular chemistry of cucurbit[n]urils, pillar[n]arenes and deep-cavity cavitands. <i>Chemical Society Reviews</i> , 2017, 46, 2479-2496.	38.1	473
68	Cucurbit[6]uril-based polymer nanocapsules as a non-covalent and modular bioimaging platform for multimodal in vivo imaging. <i>Materials Horizons</i> , 2017, 4, 450-455.	12.2	38
69	Ultrastable Artificial Binding Pairs as a Supramolecular Latching System: A Next Generation Chemical Tool for Proteomics. <i>Accounts of Chemical Research</i> , 2017, 50, 644-646.	15.6	60
70	A facile preparation method for nanosized MOFs as a multifunctional material for cellular imaging and drug delivery. <i>Supramolecular Chemistry</i> , 2017, 29, 441-445.	1.2	28
71	Force Measurement for the Interaction between Cucurbit[7]uril and Mica and Self-Assembled Monolayer in the Presence of Zn ²⁺ Studied with Atomic Force Microscopy. <i>Langmuir</i> , 2017, 33, 11884-11892.	3.5	8
72	Triazenyl Radicals Stabilized by N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 15300-15303.	13.7	49

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73	Confined Nucleation and Growth of PdO Nanocrystals in a Seed-Free Solution inside Hollow Nanoreactor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29992-30001.	8.0	8
74	Reversible photoreduction of Cu(<i>II</i>)â€œcoumarin metalâ€œorganic polyhedra. <i>Chemical Communications</i> , 2017, 53, 9250-9253.	4.1	16
75	Nanoscale Control of Amyloid Self-Assembly Using Protein Phase Transfer by Host-Guest Chemistry. <i>Scientific Reports</i> , 2017, 7, 5710.	3.3	20
76	Ferrocene and ferrocenium inclusion compounds with cucurbiturils: a study of metal atom dynamics probed by MÃ¶ssbauer spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21548-21555.	2.8	8
77	Hollowing out MOFs: hierarchical micro- and mesoporous MOFs with tailorable porosity via selective acid etching. <i>Chemical Science</i> , 2017, 8, 6799-6803.	7.4	141
78	RÃ¼cktitelbild: Covalent Self-Assembly and One-Step Photocrosslinking of Tyrosine-Rich Oligopeptides to Form Diverse Nanostructures (<i>Angew. Chem.</i> 24/2016). <i>Angewandte Chemie</i> , 2016, 128, 7122-7122.	2.0	0
79	Permselective 2D-polymer-based membrane tuneable by hostâ€œguest chemistry. <i>Chemical Communications</i> , 2016, 52, 9676-9678.	4.1	9
80	Manifesting Subtle Differences of Neutral Hydrophilic Guest Isomers in a Molecular Container by Phase Transfer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8249-8253.	13.8	18
81	Activation of Small Molecules at N-Heterocyclic Carbene Centers. <i>Synlett</i> , 2016, 27, 477-485.	1.8	35
82	Three-dimensional bioprinting of multilayered constructs containing human mesenchymal stromal cells for osteochondral tissue regeneration in the rabbit knee joint. <i>Biofabrication</i> , 2016, 8, 014102.	7.1	200
83	The guest-dependent thermal response of the flexible MOF Zn ₂ (BDC) ₂ (DABCO). <i>Dalton Transactions</i> , 2016, 45, 4187-4192.	3.3	71
84	E-Bodipy fluorescent chemosensor for Zn ²⁺ ion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 233-239.	3.9	11
85	Organic Electronics: Highly Sensitive and Selective Biosensors Based on Organic Transistors Functionalized with Cucurbit[6]uril Derivatives (<i>Adv. Funct. Mater.</i> 30/2015). <i>Advanced Functional Materials</i> , 2015, 25, 4920-4920.	14.9	0
86	Value-added Synthesis of Graphene: Recycling Industrial Carbon Waste into Electrodes for High-Performance Electronic Devices. <i>Scientific Reports</i> , 2015, 5, 16710.	3.3	36
87	Highly Sensitive and Selective Biosensors Based on Organic Transistors Functionalized with Cucurbit[6]uril Derivatives. <i>Advanced Functional Materials</i> , 2015, 25, 4882-4888.	14.9	66
88	Porphyrim Boxes: Rationally Designed Porous Organic Cages. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13241-13244.	13.8	161
89	A simple modular aptasensor platform utilizing cucurbit[7]uril and a ferrocene derivative as an ultrastable supramolecular linker. <i>Chemical Communications</i> , 2015, 51, 3098-3101.	4.1	27
90	Reversible Morphological Transformation between Polymer Nanocapsules and Thin Films through Dynamic Covalent Self-Assembly. <i>Angewandte Chemie</i> , 2015, 127, 2731-2735.	2.0	11

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91	Supramolecular Hydrogels for Long-Term Bioengineered Stem Cell Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 237-244.	7.6	62
92	Reversible Morphological Transformation between Polymer Nanocapsules and Thin Films through Dynamic Covalent Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2693-2697.	13.8	36
93	High Affinity Host-Guest FRET Pair for Single-Vesicle Content-Mixing Assay: Observation of Flickering Fusion Events. <i>Journal of the American Chemical Society</i> , 2015, 137, 8908-8911.	13.7	82
94	Self-Assembly of Nanostructured Materials through Irreversible Covalent Bond Formation. <i>Accounts of Chemical Research</i> , 2015, 48, 2221-2229.	15.6	116
95	<i>N</i> -Heterocyclic Carbene Nitric Oxide Radicals. <i>Journal of the American Chemical Society</i> , 2015, 137, 4642-4645.	13.7	40
96	Hydrolytic Transformation of Microporous Metal-Organic Frameworks to Hierarchical Micro- and Mesoporous MOFs. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13273-13278.	13.8	186
97	Genetically engineered mesenchymal stem cell therapy using self-assembling supramolecular hydrogels. <i>Journal of Controlled Release</i> , 2015, 220, 119-129.	9.9	21
98	Can we beat the biotin-avidin pair?: cucurbit[7]uril-based ultrahigh affinity host-guest complexes and their applications. <i>Chemical Society Reviews</i> , 2015, 44, 8747-8761.	38.1	357
99	Charge screening in RNA: an integral route for dynamical enhancements. <i>Soft Matter</i> , 2015, 11, 8741-8745.	2.7	4
100	Binding of \pm -alkyldiammonium ions by cucurbit[<i>n</i>]urils in the gas phase. <i>Supramolecular Chemistry</i> , 2014, 26, 684-691.	1.2	4
101	Highly Stable, Water-Dispersible Metal-Nanoparticle-Decorated Polymer Nanocapsules and Their Catalytic Applications. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6414-6418.	13.8	74
102	Hollow nanotubular toroidal polymer microrings. <i>Nature Chemistry</i> , 2014, 6, 97-103.	13.6	43
103	Supramolecular Velcro for Reversible Underwater Adhesion. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3140-3144.	13.8	314
104	Self-assembled, covalently linked, hollow phthalocyanine nanospheres. <i>Chemical Science</i> , 2013, 4, 339-344.	7.4	43
105	Metal-Ion Metathesis in Metal-Organic Frameworks: A Synthetic Route to New Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2012, 18, 16642-16648.	3.3	90
106	A new cucurbit[6]uril-based ion-selective electrode for acetylcholine with high selectivity over choline and related quaternary ammonium ions. <i>Supramolecular Chemistry</i> , 2012, 24, 487-491.	1.2	16
107	Homochiral Metal-Organic Frameworks for Asymmetric Heterogeneous Catalysis. <i>Chemical Reviews</i> , 2012, 112, 1196-1231.	47.7	2,699
108	<i>In Situ</i> Supramolecular Assembly and Modular Modification of Hyaluronic Acid Hydrogels for 3D Cellular Engineering. <i>ACS Nano</i> , 2012, 6, 2960-2968.	14.6	229

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109	Synthesis and properties of copolymers containing cucurbit[6]uril-based pseudorotaxane structure. Chinese Journal of Polymer Science (English Edition), 2012, 30, 578-588.	3.8	4
110	Metal-organic frameworks with rare topologies: lonsdaleite-type metal formates and their magnetic properties. CrystEngComm, 2011, 13, 2197.	2.6	16
111	Supramolecular fishing for plasma membrane proteins using an ultrastable synthetic host-guest binding pair. Nature Chemistry, 2011, 3, 154-159.	13.6	208
112	Ultrastable Host-Guest Complexes and Their Applications. Israel Journal of Chemistry, 2011, 51, 506-514.	2.3	57
113	Synthesis of Phase-Pure Interpenetrated MOF-5 and Its Gas Sorption Properties. Inorganic Chemistry, 2011, 50, 3691-3696.	4.0	114
114	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
115	New Ultrahigh Affinity Host-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
116	Facile, Template-Free Synthesis of Stimuli-Responsive Polymer Nanocapsules for Targeted Drug Delivery. Angewandte Chemie - International Edition, 2010, 49, 4405-4408.	13.8	198
117	Reduction-Sensitive, Robust Vesicles with a Non-covalently Modifiable Surface as a Multifunctional Drug-Delivery Platform. Small, 2010, 6, 1430-1441.	10.0	121
118	Highly Selective Carbon Dioxide Sorption in an Organic Molecular Porous Material. Journal of the American Chemical Society, 2010, 132, 12200-12202.	13.7	301
119	Galactosylated cucurbituril-inclusion polyplex for hepatocyte-targeted gene delivery. Chemical Communications, 2010, 46, 692-694.	4.1	69
120	The first tin(IV) porphyrin complex with chiral amino acid ligands: synthesis, characterization and X-ray crystal structure of <i>trans</i> -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
121	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
122	Complexation of Aliphatic Ammonium Ions with a Water-Soluble Cucurbit[6]uril Derivative in Pure Water: Isothermal Calorimetric, NMR, and X-ray Crystallographic Study. Chemistry - A European Journal, 2009, 15, 6143-6151.	3.3	94
123	Methane Sorption and Structural Characterization of the Sorption Sites in Zn ₂ (bdc) ₂ (dabco) by Single Crystal X-ray Crystallography. Chemistry - an Asian Journal, 2009, 4, 886-891.	3.3	65
124	Cucurbituril-based nanoparticles: a new efficient vehicle for targeted intracellular delivery of hydrophobic drugs. Chemical Communications, 2009, , 71-73.	4.1	114
125	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
126	U-Shaped Conformation of Alkyl Chains Bound to a Synthetic Host. Angewandte Chemie - International Edition, 2008, 47, 4106-4109.	13.8	106

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127	Cucurbit[6]uril: Organic Molecular Porous Material with Permanent Porosity, Exceptional Stability, and Acetylene Sorption Properties. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3352-3355.	13.8	293
128	Synthetic Ion Channel Based on Metal-Organic Polyhedra. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5755-5757.	13.8	206
129	Electrochemically Controllable Reversible Formation of Cucurbit[8]uril-Stabilized Charge-Transfer Complex on Surface. <i>Supramolecular Chemistry</i> , 2008, 20, 149-155.	1.2	24
130	Two-dimensional metal-organic network with an unusual 36 topology and a cubic close packing pattern. <i>CrystEngComm</i> , 2008, 10, 954.	2.6	19
131	A synthetic host-guest system achieves avidin-biotin affinity by overcoming enthalpy-entropy compensation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20737-20742.	7.1	534
132	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. <i>Supramolecular Chemistry</i> , 2007, 19, 287-293.	1.2	38
133	Functionalized cucurbiturils and their applications. <i>Chemical Society Reviews</i> , 2007, 36, 267-279.	38.1	858
134	Supramolecular assemblies built with host-stabilized charge-transfer interactions. <i>Chemical Communications</i> , 2007, , 1305-1315.	4.1	467
135	Complexation Thermodynamics of Cucurbit[6]uril with Aliphatic Alcohols, Amines, and Diamines. <i>Supramolecular Chemistry</i> , 2007, 19, 39-46.	1.2	114
136	Noncovalent Immobilization of Proteins on a Solid Surface by Cucurbit[7]uril-Ferrocenemethylammonium Pair, a Potential Replacement of Biotin-Avidin Pair. <i>Journal of the American Chemical Society</i> , 2007, 129, 4170-4171.	13.7	142
137	Cucurbit[7]uril: A Simple Macrocyclic, pH-Triggered Hydrogelator Exhibiting Guest-Induced Stimuli-Responsive Behavior. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 210-213.	13.8	213
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