

Myoung Soo Lah

List of Publications by Year in descending order

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194
papers

9,971
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28190

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#	ARTICLE	IF	CITATIONS
1	Creating Tunable Mesoporosity by Temperature-Driven Localized Crystallite Agglomeration. <i>Small</i> , 2022, 18, e2107006.	5.2	4
2	Creating Tunable Mesoporosity by Temperature-Driven Localized Crystallite Agglomeration (Small) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	9.2	0
3	Spatial distribution modulation of mixed building blocks in metal-organic frameworks. <i>Nature Communications</i> , 2022, 13, 1027.	5.8	13
4	Transformation of a Cluster-Based Metal-Organic Framework to a Rod Metal-Organic Framework. <i>Chemistry of Materials</i> , 2022, 34, 273-278.	3.2	14
5	The rise of metal-organic polyhedra. <i>Chemical Society Reviews</i> , 2021, 50, 528-555.	18.7	133
6	Phase transition-induced improvement in the capacity of fluorine-substituted LiFeBO ₃ as a cathode material for lithium ion batteries. <i>Electrochimica Acta</i> , 2021, 367, 137364.	2.6	8
7	Solvent-mediated framework flexibility of interdigitated 2D layered metal-organic frameworks. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3621-3627.	3.2	8
8	Furan oxidation by Mn(<i>scp</i>)/Co(<i>scp</i>) catalysts application to benzofuran synthesis. <i>RSC Advances</i> , 2021, 11, 31395-31399.	1.7	6
9	Amine-Tagged Fragmented Ligand Installation for Covalent Modification of MOF-74. <i>Angewandte Chemie</i> , 2021, 133, 9382-9386.	1.6	4
10	Amine-Tagged Fragmented Ligand Installation for Covalent Modification of MOF-74. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9296-9300.	7.2	26
11	Titelbild: Amine-Tagged Fragmented Ligand Installation for Covalent Modification of MOF-74 (Angew.) <i>Tj ETQq1,1 0.7843,14 rgBT</i>	1.6	0
12	InnenrÄ4cktitelbild: Superprotonic Conductivity of MOF-808 Achieved by Controlling the Binding Mode of Grafted Sulfamate (Angew. Chem. 26/2021). <i>Angewandte Chemie</i> , 2021, 133, 14839-14839.	1.6	0
13	Superprotonic Conductivity of MOF-808 Achieved by Controlling the Binding Mode of Grafted Sulfamate. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14334-14338.	7.2	50
14	Superprotonic Conductivity of MOF-808 Achieved by Controlling the Binding Mode of Grafted Sulfamate. <i>Angewandte Chemie</i> , 2021, 133, 14455-14459.	1.6	3
15	Selective photocatalytic production of CH ₄ using Zn-based polyoxometalate as a nonconventional CO ₂ reduction catalyst. <i>Nanoscale Horizons</i> , 2021, 6, 379-385.	4.1	14
16	Synthesis and characterization of lead (IV) precursors and their conversion to PZT materials through a CVD process. <i>Polyhedron</i> , 2020, 177, 114270.	1.0	3
17	Pore space partition of a fragile Ag(I)-carboxylate framework via post-synthetic linker insertion. <i>Chemical Communications</i> , 2020, 56, 8615-8618.	2.2	1
18	Symmetry-guided syntheses of mixed-linker Zr metal-organic frameworks with precise linker locations. <i>Chemical Science</i> , 2019, 10, 5801-5806.	3.7	22

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19	Mechanistic insight into the sensing of nitroaromatic compounds by metal-organic frameworks. <i>Communications Chemistry</i> , 2019, 2, .	2.0	82
20	Hydrophobic Shielding of Outer Surface: Enhancing the Chemical Stability of Metal-Organic Polyhedra. <i>Angewandte Chemie</i> , 2019, 131, 1053-1057.	1.6	8
21	Hydrophobic Shielding of Outer Surface: Enhancing the Chemical Stability of Metal-Organic Polyhedra. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1041-1045.	7.2	45
22	Pseudopolymorphs of LB30870, a Direct Thrombin Inhibitor: One-Dimensional Solvent Channel Structures Explain Reversible Hydration/Dehydration. <i>Crystal Growth and Design</i> , 2018, 18, 95-104.	1.4	10
23	Synthesis and characterization of heteroleptic titanium MOCVD precursors for TiO ₂ thin films. <i>Dalton Transactions</i> , 2018, 47, 2415-2421.	1.6	4
24	Coordination-Driven Self-Assembly of Heterotrimetallic Barrel and Bimetallic Cages Using a Cobalt Sandwich-Based Tetratopic Donor. <i>Inorganic Chemistry</i> , 2018, 57, 3521-3528.	1.9	14
25	Efficient separation of C ₂ hydrocarbons in a permanently porous hydrogen-bonded organic framework. <i>Chemical Communications</i> , 2018, 54, 9360-9363.	2.2	58
26	Zirconium-Formate Macrocycles and Supercage: Molecular Packing versus MOF-like Network for Water Vapor Sorption. <i>Journal of the American Chemical Society</i> , 2018, 140, 10915-10920.	6.6	33
27	Deconstruction of Crystalline Networks into Underlying Nets: Relevance for Terminology Guidelines and Crystallographic Databases. <i>Crystal Growth and Design</i> , 2018, 18, 3411-3418.	1.4	65
28	Selective synthesis of iridium(^{III})-derived molecular Borromean rings, [2]catenane and ring-in-ring macrocycles via coordination-driven self-assembly. <i>Dalton Transactions</i> , 2017, 46, 571-577.	1.6	31
29	Temperature dependent CO ₂ behavior in microporous 1-D channels of a metal-organic framework with multiple interaction sites. <i>Scientific Reports</i> , 2017, 7, 41447.	1.6	11
30	Monitoring instability of linear amine impregnated UiO-66 by in-situ temperature resolved powder X-ray diffraction. <i>Microporous and Mesoporous Materials</i> , 2017, 243, 85-90.	2.2	7
31	Topology Conversions of Non-Interpenetrated Metal-Organic Frameworks to Doubly Interpenetrated Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2017, 29, 3899-3907.	3.2	17
32	Reversible Single-Crystal-to-Single-Crystal Transformations of Metal-Organic Frameworks that Accompany Two-Dimensional Framework Reorganizations. <i>Crystal Growth and Design</i> , 2017, 17, 2228-2237.	1.4	6
33	Templated and template-free fabrication strategies for zero-dimensional hollow MOF superstructures. <i>Dalton Transactions</i> , 2017, 46, 6146-6158.	1.6	68
34	New Heteroleptic Cobalt Precursors for Deposition of Cobalt-Based Thin Films. <i>ACS Omega</i> , 2017, 2, 5486-5493.	1.6	7
35	Forming a three-dimensional porous organic network via solid-state explosion of organic single crystals. <i>Nature Communications</i> , 2017, 8, 1599.	5.8	12
36	Unusually Stable Triazine-based Organic Superstructures. <i>Angewandte Chemie</i> , 2016, 128, 7539-7543.	1.6	3

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37	Halides with Fifteen Aliphatic C-H...Anion Interaction Sites. <i>Scientific Reports</i> , 2016, 6, 30123.	1.6	7
38	Potentiostatic activation of as-made graphene electrodes for high-rate performance in supercapacitors. <i>Journal of Power Sources</i> , 2016, 329, 558-566.	4.0	12
39	Two-dimensional polyaniline (C ₃ N) from carbonized organic single crystals in solid state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7414-7419.	3.3	380
40	Unusually Stable Triazine-based Organic Superstructures. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7413-7417.	7.2	6
41	Graphene oxide self-assembled with a cationic fullerene for high performance pseudo-capacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1663-1670.	5.2	20
42	Graphite oxide as an efficient and robust support for Pt nanoparticles in electrocatalytic methanol oxidation. <i>Electrochimica Acta</i> , 2016, 188, 472-479.	2.6	24
43	Hexa-coordinated Strontium Silylamide Complex Stabilized by Tetradentate Alkoxy Ligand. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2587-2588.	1.0	1
44	Coordination-driven self-assembly of an iridium-cornered prismatic cage and encapsulation of three heteroguests in its large cavity. <i>Chemical Communications</i> , 2015, 51, 4492-4495.	2.2	57
45	Topology analysis of metal-organic frameworks based on metal-organic polyhedra as secondary or tertiary building units. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 336-360.	3.0	52
46	Single crystalline hollow metal-organic frameworks: a metal-organic polyhedron single crystal as a sacrificial template. <i>Chemical Communications</i> , 2015, 51, 3678-3681.	2.2	48
47	Simple and Efficient Regeneration of MOF-5 and HKUST-1 via Acid-Base Treatment. <i>Crystal Growth and Design</i> , 2015, 15, 5568-5572.	1.4	39
48	Heteroleptic strontium complexes stabilized by donor-functionalized alkoxide and β^2 -diketonate ligands. <i>Dalton Transactions</i> , 2015, 44, 14042-14053.	1.6	3
49	Combinational Synthetic Approaches for Isorecticular and Polymorphic Metal-Organic Frameworks with Tuned Pore Geometries and Surface Properties. <i>Chemistry of Materials</i> , 2014, 26, 1711-1719.	3.2	38
50	Isorecticular MOFs based on a rhombic dodecahedral MOP as a tertiary building unit. <i>CrystEngComm</i> , 2014, 16, 6391-6397.	1.3	11
51	Synthesis of new heteroleptic strontium complexes. <i>Dalton Transactions</i> , 2014, 43, 14461-14469.	1.6	5
52	Dense CoO/graphene stacks via self-assembly for improved reversibility as high performance anode in lithium ion batteries. <i>Journal of Power Sources</i> , 2014, 272, 1037-1045.	4.0	36
53	A supermolecular building approach for the design and construction of metal-organic frameworks. <i>Chemical Society Reviews</i> , 2014, 43, 6141-6172.	18.7	708
54	A Partially Fluorinated Three-fold Interpenetrated Stable Metal-Organic Framework with Selective CO ₂ Uptake. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 1134-1140.	0.6	9

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55	Anticancer Potency Studies of Coordination Driven Self-Assembled Ru-Based Metallo-Bowls. <i>ChemBioChem</i> , 2014, 15, 695-700.	1.3	34
56	Structural Transformation and Gas Adsorption Properties of Interpenetrated IRMOF-8. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 949-952.	1.0	5
57	Synthesis and Characterization of Self-Assembled Nanoscopic Metallarectangles Capable of Binding Fullerenes with Size-Selective Responses. <i>Inorganic Chemistry</i> , 2013, 52, 8573-8578.	1.9	29
58	Tin dioxide nanoparticles impregnated in graphite oxide for improved lithium storage and cyclability in secondary ion batteries. <i>Electrochimica Acta</i> , 2013, 113, 149-155.	2.6	31
59	A supramolecular self-assembled flexible open framework based on the coordination of honeycomb layers possessing octahedral and tetrahedral Coll geometries. <i>RSC Advances</i> , 2013, 3, 19889.	1.7	2
60	Hybrid Bimetallic Metal-Organic Frameworks: Modulation of the Framework Stability and Ultralarge CO ₂ Uptake Capacity. <i>Inorganic Chemistry</i> , 2013, 52, 10869-10876.	1.9	77
61	Metal-organic framework with two different types of rigid tricarboxylates: net topology and gas sorption behaviour. <i>CrystEngComm</i> , 2013, 15, 9491.	1.3	10
62	Self-assembled metallo-rectangles bearing azodipyridyl ligands: synthesis, characterization and antitumor activity. <i>Dalton Transactions</i> , 2013, 42, 466-475.	1.6	49
63	Conformational control of ligands to create a finite metal-organic cluster and an extended metal-organic framework. <i>CrystEngComm</i> , 2013, 15, 259-264.	1.3	27
64	SnO ₂ nanoparticles confined in a graphene framework for advanced anode materials. <i>Journal of Power Sources</i> , 2013, 240, 683-690.	4.0	52
65	Solvent-Induced Structural Dynamics in Noninterpenetrating Porous Coordination Polymeric Networks. <i>Inorganic Chemistry</i> , 2013, 52, 2951-2957.	1.9	45
66	Crystal-to-Crystal Transformations of a Series of Isostructural Metal-Organic Frameworks with Different Sizes of Ligated Solvent Molecules. <i>Inorganic Chemistry</i> , 2013, 52, 3891-3899.	1.9	26
67	Postsynthetic Exchanges of the Pillaring Ligand in Three-Dimensional Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2013, 25, 1047-1054.	3.2	56
68	SnO ₂ /Graphene Composites with Self-Assembled Alternating Oxide and Amine Layers for High Li ⁺ Storage and Excellent Stability. <i>Advanced Materials</i> , 2013, 25, 3307-3312.	11.1	179
69	Scalable Synthesis of Pure and Stable Hexaaminobenzene Trihydrochloride. <i>Synlett</i> , 2013, 24, 246-248.	1.0	23
70	Microporous metal-organic framework containing cages with adjustable portal dimensions for adsorptive CO ₂ separation. <i>RSC Advances</i> , 2012, 2, 11566.	1.7	4
71	Transmetalations in two metal-organic frameworks with different framework flexibilities: Kinetics and core-shell heterostructure. <i>CrystEngComm</i> , 2012, 14, 5753.	1.3	112
72	Synthetic chloride transporters with the binding mode observed in a CIC chloride channel. <i>Chemical Communications</i> , 2012, 48, 10346.	2.2	22

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73	A 3-dimensional coordination polymer with a rare lonsdaleite topology constructed from a tetrahedral ligand. <i>CrystEngComm</i> , 2012, 14, 7174.	1.3	31
74	Post-Synthetic Modifications of Framework Metal Ions in Isostructural Metal-Organic Frameworks: Core-Shell Heterostructures via Selective Transmetalations. <i>Chemistry of Materials</i> , 2012, 24, 3065-3073.	3.2	192
75	3,6-Connected Metal-Organic Frameworks Based on Triscarboxylate as a 3-Connected Organic Node and a Linear Trinuclear Co ₃ (COO) ₆ Secondary Building Unit as a 6-Connected Node. <i>Crystal Growth and Design</i> , 2012, 12, 4186-4193.	1.4	45
76	Entropically driven self-assembly of a strained hexanuclear indium metal-organic macrocycle and its behavior in solution. <i>Dalton Transactions</i> , 2011, 40, 5720.	1.6	10
77	Self-Assembly of Cationic, Hetero- or Homonuclear Ruthenium(II) Macrocyclic Rectangles and Their Photophysical, Electrochemical, and Biological Studies. <i>Organometallics</i> , 2011, 30, 6482-6489.	1.1	55
78	Size- and Shape-Selective Isostructural Microporous Metal-Organic Frameworks with Different Effective Aperture Sizes. <i>Inorganic Chemistry</i> , 2011, 50, 5044-5053.	1.9	43
79	A Foldamer-Based Chiroptical Molecular Switch That Displays Complete Inversion of the Helical Sense upon Anion Binding. <i>Journal of the American Chemical Society</i> , 2011, 133, 13938-13941.	6.6	160
80	Adsorbate Selectivity of Isostructural Microporous Metal-Organic Frameworks with Similar Static Pore Dimensions. <i>Crystal Growth and Design</i> , 2011, 11, 5064-5071.	1.4	18
81	Metal-Organic Frameworks Based on Unprecedented Trinuclear and Pentanuclear Metal-Tetrazole Clusters as Secondary Building Units. <i>Inorganic Chemistry</i> , 2011, 50, 12133-12140.	1.9	57
82	An unprecedented twofold interpenetrated layered metal-organic framework with a MoS ₂ -H topology. <i>CrystEngComm</i> , 2011, 13, 6926.	1.3	12
83	Manganese(III)-Promoted Tandem Oxidation and Cyclization of β -Keto Ester Derivatives of Terpenoids. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1913-1917.	2.1	19
84	Robust and Efficient Amide-Based Nonheme Manganese(III) Hydrocarbon Oxidation Catalysts: Substrate and Solvent Effects on Involvement and Partition of Multiple Active Oxidants. <i>Chemistry - A European Journal</i> , 2011, 17, 7336-7344.	1.7	36
85	TiO ₂ Composites for Efficient Poly(3-thiophene acetic acid) Sensitized Solar Cells. <i>Journal of the Electrochemical Society</i> , 2011, 158, B106.	1.3	7
86	Redox-Active Cu(I) Complex with Bi-functionalized Tetrathiafulvalene Ligand. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3524-3526.	1.0	0
87	Steric effect on construction of extended architectures of Ni(II) complexes directed by intermolecular C-H...F and C-H...O interactions. <i>Journal of Structural Chemistry</i> , 2010, 51, 923-930.	0.3	2
88	A double-walled triangular metal-organic macrocycle based on a [Cu ₂ (COO) ₄] square paddle-wheel secondary building unit. <i>Dalton Transactions</i> , 2010, 39, 6178.	1.6	16
89	A Microporous Metal-Organic Framework Based on [2 + 2] Parallel and Inclined Interpenetrated 2D Sheets Interconnected by an Auxiliary Linker. <i>Crystal Growth and Design</i> , 2010, 10, 3222-3227.	1.4	5
90	A two-fold interpenetrated (3,6)-connected metal-organic framework with rutile topology showing a large solvent cavity. <i>New Journal of Chemistry</i> , 2010, 34, 2396.	1.4	41

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91	Selective sulfate binding induces helical folding of an indolocarbazole oligomer in solution and solid state. <i>Chemical Communications</i> , 2010, 46, 764-766.	2.2	84
92	A microporous metal-organic framework constructed from a 1D column made of linear trinuclear manganese secondary building units. <i>CrystEngComm</i> , 2010, 12, 2179.	1.3	13
93	Edge-directed [(M ₂) ₂ L ₄] tetragonal metal-organic polyhedra decorated using a square paddle-wheel secondary building unit. <i>Chemical Communications</i> , 2010, 46, 2049.	2.2	60
94	Structure and Heme-Independent Peroxidase Activity of a Fully-Coordinated Mononuclear Mn(II) Complex with a Schiff-Base Tripodal Ligand Containing Three Imidazole Groups. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3173-3179.	1.0	6
95	Metal-organic macrocycles, metal-organic polyhedra and metal-organic frameworks. <i>Chemical Communications</i> , 2009, , 3326.	2.2	136
96	Metal-Organic Polyhedron Based on a CuII Paddle-Wheel Secondary Building Unit at the Truncated Octahedron Corners. <i>Inorganic Chemistry</i> , 2009, 48, 1281-1283.	1.9	61
97	A Twofold Interpenetrating Porous Metal-Organic Framework with High Hydrothermal Stability: Structure and Gas Sorption Behavior. <i>Inorganic Chemistry</i> , 2009, 48, 11507-11509.	1.9	76
98	A metal-organic framework based on an unprecedented nonanuclear cluster as a secondary building unit: structure and gas sorption behavior. <i>Chemical Communications</i> , 2009, , 2026.	2.2	22
99	Large H ₂ storage capacity of a new polyhedron-based metal-organic framework with high thermal and hygroscopic stability. <i>Chemical Communications</i> , 2009, , 5397.	2.2	82
100	2D Layered metal-organic frameworks built using a hexanuclear metallamacrocycle and an octanuclear metallamacrocycle as supramolecular building blocks. <i>CrystEngComm</i> , 2009, 11, 770.	1.3	22
101	Concomitant Formation of N-Heterocyclic Carbene-Copper Complexes within a Supramolecular Network in the Self-Assembly of Imidazolium Dicarboxylate with Metal Ions. <i>Inorganic Chemistry</i> , 2009, 48, 6353-6355.	1.9	72
102	A 2D Layered Metal-Organic Framework Constructed by Using a Hexanuclear Manganese Metallamacrocycle as a Supramolecular Building Block. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5465-5470.	1.0	22
103	Synthesis and characterization of a bis- μ_4, μ_1 -carboxylate-bridged dinuclear manganese(II) complex containing a tetradentate tripodal ligand, N-(benzimidazol-2-ylmethyl)iminodiacetic acid. <i>Polyhedron</i> , 2008, 27, 447-452.	1.0	13
104	Synthesis and characterization of mononuclear and dinuclear Mn complexes with N,N'-disubstituted octaaza macrocycle. <i>Polyhedron</i> , 2008, 27, 2043-2048.	1.0	11
105	One-Dimensional Double Helical Structure and 4-Fold Type [2 + 2] Interpenetration of Diamondoid Networks with Helical Fashion. <i>Crystal Growth and Design</i> , 2008, 8, 587-591.	1.4	34
106	A dodecanuclear metallamacrocycle having a multidentate bridging ligand in two different binding modes. <i>Dalton Transactions</i> , 2008, , 6579.	1.6	16
107	An anion receptor with NH and OH groups for hydrogen bonds. <i>Chemical Communications</i> , 2008, , 3546.	2.2	50
108	A designed metal-organic framework based on a metal-organic polyhedron. <i>Chemical Communications</i> , 2008, , 2340.	2.2	133

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109	Steric control of the nuclearity of metallamacrocycles: formation of a hexanuclear gallium metalladiazamacrocycle and a hexadecanuclear manganese metalladiazamacrocycle. Dalton Transactions, 2008, , 131-136.	1.6	32
110	Novel 48-Membered Hexadecanuclear and 60-Membered Icosanuclear Manganese Metallamacrocycles. Inorganic Chemistry, 2008, 47, 8807-8812.	1.9	48
111	Two octanuclear gallium metallamacrocycles of topologically different connectivities. Dalton Transactions, 2007, , 5412.	1.6	25
112	A hamburger-shaped helical stacking of disk-shaped ligands mediated by silver(ii) ions. Chemical Communications, 2007, , 5013.	2.2	20
113	Selective gas sorption property of an interdigitated 3-D metal-organic framework with 1-D channels. Chemical Communications, 2007, , 5182.	2.2	82
114	Two distinct anion-binding modes and their relative stabilities. Chemical Communications, 2007, , 3401.	2.2	53
115	An unprecedented twofold interpenetrating (3,4)-connected 3-D metal-organic framework. Chemical Communications, 2007, , 1707-1709.	2.2	45
116	Formation of a discrete helical assembly and packing pattern through charged hydrogen bonds and van der Waals interactions. CrystEngComm, 2007, 9, 78-83.	1.3	8
117	A Chiral Pentadecanuclear Metallamacrocycle with a Sextuple Twisted Möbius Topology. Journal of the American Chemical Society, 2007, 129, 14142-14143.	6.6	65
118	High-Affinity Pyrophosphate Receptor by a Synergistic Effect between Metal Coordination and Hydrogen Bonding in Water. Organic Letters, 2007, 9, 3729-3731.	2.4	109
119	Total Synthesis of (âˆ-)Blepharocalyxin D. Organic Letters, 2007, 9, 141-144.	2.4	42
120	Porous Metal-Organic Frameworks Based on Metal-Organic Polyhedra with Nanosized Cavities as Supramolecular Building Blocks: Two-Fold Interpenetrating Primitive Cubic Networks of [Cu ₆ L ₈] ₁₂₊ Nanocages. Inorganic Chemistry, 2007, 46, 10208-10213.	1.9	67
121	Stereoselective synthesis of (âˆ-)blepharocalyxin D. Tetrahedron, 2007, 63, 5797-5805.	1.0	23
122	Metalladiazamacrocycles: Metallamacrocycles as Potential Supramolecular Host System for Small Organic Guest Molecules and Supramolecular Building Blocks for Metal Organic Frameworks. Supramolecular Chemistry, 2007, 19, 295-308.	1.5	27
123	Solvent Effect on the Nature of the Metallamacrocycles Formed: Formation of Octanuclear and Dodecanuclear Manganese Metalladiazamacrocycles. Bulletin of the Korean Chemical Society, 2007, 28, 2009-2014.	1.0	8
124	Organic-inorganic hybrid nanomaterial as a new fluorescent chemosensor and adsorbent for copper ion. Chemical Communications, 2006, , 4539-4541.	2.2	68
125	Face-Driven Corner-Linked Octahedral Nanocages: M ₆ L ₈ Cages Formed by C ₃ -Symmetric Triangular Facial Ligands Linked via C ₄ -Symmetric Square Tetratopic Pd(II) Ions at Truncated Octahedron Corners. Journal of the American Chemical Society, 2006, 128, 3530-3531.	6.6	164
126	Encapsulation of a guest molecule in a strained form: an extended 36-membered dodecanuclear manganese metallamacrocycle that accommodates a cyclooctane in the S ₄ symmetry conformation. Chemical Communications, 2006, , 3699.	2.2	48

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127	Steric Control of a Bridging Ligand for High-Nuclearity Metallamacrocycle Formation: A Highly Puckered 60-Membered Icosanuclear Metalladiazamacrocycle. <i>Inorganic Chemistry</i> , 2006, 45, 7991-7993.	1.9	74
128	Assembly of a Heterobinuclear 2-D Network: A Rare Example of Endo- and Exocyclic Coordination of PdII/AgI in a Single Macrocycle. <i>Inorganic Chemistry</i> , 2006, 45, 3487-3489.	1.9	53
129	Triangular Assembly Through Charged Hydrogen Bonds in Polar Solvent. <i>Journal of Organic Chemistry</i> , 2006, 71, 9225-9228.	1.7	7
130	Origin of the Diastereoselection in the Indium-Mediated Addition of Haloallylic Sulfones to Aldehydes. <i>Organic Letters</i> , 2006, 8, 1459-1462.	2.4	13
131	Synthesis and manganese complexes of pentagonal bipyramidal ligands: N,N'-disubstituted pentaaza macrocycles. <i>Tetrahedron Letters</i> , 2006, 47, 8841-8845.	0.7	15
132	Magnetic properties of hexanuclear manganese antiferromagnetic clusters {Mn ₆ }. <i>Journal of Applied Physics</i> , 2006, 99, 08J507.	1.1	0
133	Synthesis and Characterization of Mononuclear Octahedral Fe(III) Complex Containing a Biomimetic Tripodal Ligand, N-(Benzimidazol-2-ylmethyl)iminodiacetic Acid. <i>Bulletin of the Korean Chemical Society</i> , 2006, 27, 1597-1600.	1.0	5
134	Friedel-Crafts Peralkylation of Benzene with Chloroalkyltrichlorosilanes: One-Pot Synthesis of Polyfunctionalized Hexakis-(trichlorosilyl)alkyl]benzenes. <i>Organometallics</i> , 2005, 24, 226-230.	1.1	5
135	Polymorphism Driven by π - π Stacking and van der Waals Interactions: Preparation and Characterization of Polymorphic Vanadium Crystals of [VO(Hacshz)(OEt)] and [VIV(Hacshz) ₂]. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4944-4952.	1.0	9
136	Highly Enantioselective Epoxidation of 2,4-Diarylenones by Using Dimeric Cinchona Phase-Transfer Catalysts: Enhancement of Enantioselectivity by Surfactants. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1383-1385.	7.2	98
137	Indole-Based Macrocycles as a Class of Receptors for Anions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7926-7929.	7.2	262
138	Synthesis of Diastereomeric 1,4-Diphosphine Ligands Bearing Imidazolidin-2-one Backbone and Their Application in Rh(I)-Catalyzed Asymmetric Hydrogenation of Functionalized Olefins. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 563-570.	2.1	20
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