

Myoung Soo Lah

List of Publications by Year in descending order

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194
papers

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28190

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all docs

206
docs citations

206
times ranked

10064
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Structure-function in <i>Escherichia coli</i> iron superoxide dismutase: Comparisons with the manganese enzyme from <i>Thermus thermophilus</i> . <i>Biochemistry</i> , 1995, 34, 1646-1660.	1.2	326
4	Indole-Based Macrocycles as a Class of Receptors for Anions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7926-7929.	7.2	262
5	Isolation and characterization of {MnII[MnIII(salicylhydroximate)] ₄ (acetate) ₂ (DMF) ₆ }.nntdot.2DMF: an inorganic analog of M ₂ +(12-crown-4). <i>Journal of the American Chemical Society</i> , 1989, 111, 7258-7259.	6.6	256
6	Engineering the Structure and Magnetic Properties of Crystalline Solids via the Metal-Directed Self-Assembly of a Versatile Molecular Building Unit. <i>Journal of the American Chemical Society</i> , 2002, 124, 6613-6625.	6.6	206
7	The mobile flavin of 4-OH benzoate hydroxylase. <i>Science</i> , 1994, 266, 110-114.	6.0	195
8	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
9	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
10	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 PdII Ions at Truncated Octahedron Corners. <i>Journal of the American Chemical Society</i> , 2006, 128, 3530-3531.	6.6	164
11	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
12	Synthesis of Ru(II) Complexes of N-Heterocyclic Carbenes and Their Promising Photoluminescence Properties in Water. <i>Inorganic Chemistry</i> , 2004, 43, 6896-6898.	1.9	155
13	Structurally diverse manganese(III) Schiff base complexes: chains, dimers, and cages. <i>Inorganic Chemistry</i> , 1989, 28, 2037-2044.	1.9	143
14	Metal-organic macrocycles, metal-organic polyhedra and metal-organic frameworks. <i>Chemical Communications</i> , 2009, , 3326.	2.2	136
15	A designed metal-organic framework based on a metal-organic polyhedron. <i>Chemical Communications</i> , 2008, , 2340.	2.2	133
16	The rise of metal-organic polyhedra. <i>Chemical Society Reviews</i> , 2021, 50, 528-555.	18.7	133
17	Manganese-manganese separations in oxide- and alkoxide-bridged complexes: correlation of structure with ligand type and number. <i>Inorganic Chemistry</i> , 1992, 31, 373-378.	1.9	122
18	Synthesis and Characterization of [MnIII ₆ (N-formylsalicylhydrazidate) ₆ (MeOH) ₆]: A New Type of Macrocyclic Hexanuclear Manganese Cluster. <i>Inorganic Chemistry</i> , 1998, 37, 3599-3602.	1.9	119

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19	Vanadium complexes of the tridentate Schiff base ligand N-salicylidene-N'-(2-hydroxyethyl)ethylenediamine: acid-base and redox conversion between vanadium(IV) and vanadium(V) imino phenolates. <i>Inorganic Chemistry</i> , 1988, 27, 4657-4664.	1.9	113
20	Transmetalations in two metal-organic frameworks with different framework flexibilities: Kinetics and core-shell heterostructure. <i>CrystEngComm</i> , 2012, 14, 5753.	1.3	112
21	Modeling vanadium bromoperoxidase: synthesis, structure, and spectral properties of vanadium(IV) complexes with coordinated imidazole. <i>Inorganic Chemistry</i> , 1992, 31, 2035-2043.	1.9	110
22	High-Affinity Pyrophosphate Receptor by a Synergistic Effect between Metal Coordination and Hydrogen Bonding in Water. <i>Organic Letters</i> , 2007, 9, 3729-3731.	2.4	109
23	Three-Dimensional Framework Constructed Using Nanometer-Sized Metallamacrocycle as a Secondary Building Unit. <i>Inorganic Chemistry</i> , 2000, 39, 2710-2711.	1.9	104
24	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
25	Coordination polymers based on square planar Co(II) node and linear spacer: solvent-dependent pseudo-polymorphism and an unprecedented interpenetrating structure containing both 2D and 3D topological isomers. Electronic supplementary information (ESI) available: synthesis of mppe, discussion and additional figures. See http://www.rsc.org/suppdata/cc/b2/b210320f/ . <i>Chemical Communications</i> , 2003, 2336-2337.	2.2	96
26	Template condensation of formaldehyde with triamines. Synthesis and characterization of nickel(II) complexes with the novel hexaaza macrotricyclic ligands 1,3,6,9,11,14-hexaazatricyclo[12.2.1.16,9]octadecane and 1,3,6,10,12,15-hexaazatricyclo[13.3.1.16,10]eicosane. <i>Inorganic Chemistry</i> , 1989, 28, 1602-1605.	1.9	95
27	The tetranuclear cluster Fe III [Fe III (salicylhydroximato)(MeOH)(acetate)] ₃ is an analogue of M ₃ +(9-crown-3). <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1606.	2.0	91
28	Structural and magnetic characterization of trinuclear, mixed-valence manganese acetates. <i>Inorganic Chemistry</i> , 1992, 31, 5424-5432.	1.9	90
29	The fused metallacrown anion Na ₂ {[Na _{0.5} [Ga(salicylhydroximate)] ₄] ₂ (μ ₂ -OH) ₄ } is an inorganic analog of a cryptate. <i>Journal of the American Chemical Society</i> , 1993, 115, 5857-5858.	6.6	90
30	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
31	Selective gas sorption property of an interdigitated 3-D metal-organic framework with 1-D channels. <i>Chemical Communications</i> , 2007, , 5182.	2.2	82
32	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
33	Mechanistic insight into the sensing of nitroaromatic compounds by metal-organic frameworks. <i>Communications Chemistry</i> , 2019, 2, .	2.0	82
34	Modulation of the Ring Size and Nuclearity of Metallamacrocycles via the Steric Effect of Ligands: Preparation and Characterization of 18-Membered Hexanuclear, 24-Membered Octanuclear, and 30-Membered Decanuclear Manganese Metalladiazamacrocycles with 1±- and 12-Branched N-Acylsalicylhydrazides. <i>Inorganic Chemistry</i> , 2005, 44, 7109-7121.	1.9	81
35	New Mechanistic Insight into the Coupling Reactions of CO ₂ and Epoxides in the Presence of Zinc Complexes. <i>Chemistry - A European Journal</i> , 2003, 9, 678-686.	1.7	79
36	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

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37	A functional analogy between crown ethers and metallocrowns. <i>Inorganic Chemistry</i> , 1991, 30, 878-880.	1.9	76
38	Manganese complexes of .alpha.-hydroxy acids. <i>Inorganic Chemistry</i> , 1991, 30, 8-15.	1.9	76
39	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
40	Steric Control of a Bridging Ligand for High-Nuclearity Metallamacrocyclic Formation: A Highly Puckered 60-Membered Icosanuclear Metalladiazamacrocyclic. <i>Inorganic Chemistry</i> , 2006, 45, 7991-7993.	1.9	74
41	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
42	Development of Metallocrown Ethers: A New Class of Metal Clusters. <i>Comments on Inorganic Chemistry</i> , 1990, 11, 59-84.	3.0	71
43	Organic-inorganic hybrid nanomaterial as a new fluorescent chemosensor and adsorbent for copper ion. <i>Chemical Communications</i> , 2006, , 4539-4541.	2.2	68
44	Templated and template-free fabrication strategies for zero-dimensional hollow MOF superstructures. <i>Dalton Transactions</i> , 2017, 46, 6146-6158.	1.6	68
45	Porous Metal-Organic Frameworks Based on Metal-Organic Polyhedra with Nanosized Cavities as Supramolecular Building Blocks: Two-Fold Interpenetrating Primitive Cubic Networks of [Cu6L8]12+ Nanocages. <i>Inorganic Chemistry</i> , 2007, 46, 10208-10213.	1.9	67
46	Synthesis and Characterization of Novel Grid Coordination Polymer Networks Generated from Unsymmetrically Bridging Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 5459-5461.	1.9	66
47	A Chiral Pentadecanuclear Metallamacrocyclic with a Sextuple Twisted Möbius Topology. <i>Journal of the American Chemical Society</i> , 2007, 129, 14142-14143.	6.6	65
48	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
49	Dynamic Equilibrium between a Supramolecular Capsule and Bowl Generated by Inter- and Intramolecular Metal Clipping. <i>Chemistry - A European Journal</i> , 2005, 11, 235-241.	1.7	63
50	Metal-Organic Polyhedron Based on a Cull Paddle-Wheel Secondary Building Unit at the Truncated Octahedron Corners. <i>Inorganic Chemistry</i> , 2009, 48, 1281-1283.	1.9	61
51	Three-Dimensional Helical Coordination Networks of a Hexanuclear Manganese Metallamacrocyclic as a Helical Tecton. <i>Inorganic Chemistry</i> , 2004, 43, 8230-8232.	1.9	60
52	Edge-directed [(M2)2L4] tetragonal metal-organic polyhedra decorated using a square paddle-wheel secondary building unit. <i>Chemical Communications</i> , 2010, 46, 2049.	2.2	60
53	Stereoselective Synthesis of (+)-SCH 351448: A Unique Ligand System for Sodium, Calcium, and Other Cations. <i>Journal of Organic Chemistry</i> , 2005, 70, 6321-6329.	1.7	59
54	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

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55	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
56	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
57	A series of nanometer-sized hexanuclear Co-, Fe-, and Ga-metallamacrocycles. <i>Inorganica Chimica Acta</i> , 2001, 317, 12-20.	1.2	56
58	Postsynthetic Exchanges of the Pillaring Ligand in Three-Dimensional Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2013, 25, 1047-1054.	3.2	56
59	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
60	An Enantiomerically Pure Propeller-Shaped Supramolecular Capsule Based on the Stereospecific Self-Assembly of Two Chiral Tris(oxazoline) Ligands around Three Ag(I) Ions. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3174-3177.	7.2	54
61	Synthesis and Structural Characterization of Five-, Six-, and Seven-Coordinate Manganese(II) Complexes of the Tripodal Ligand Tris(2-benzimidazolylmethyl)amine. <i>Inorganic Chemistry</i> , 1997, 36, 1782-1785.	1.9	53
62	Assembly of a Heterobinuclear 2-D Network: A Rare Example of Endo- and Exocyclic Coordination of Pd(II)/Ag(I) in a Single Macrocyclic. <i>Inorganic Chemistry</i> , 2006, 45, 3487-3489.	1.9	53
63	Two distinct anion-binding modes and their relative stabilities. <i>Chemical Communications</i> , 2007, , 3401.	2.2	53
64	Novel 36-membered dodecanuclear manganese metalladiazamacrocycle. <i>Chemical Communications</i> , 2004, , 2660.	2.2	52
65	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
66	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
67	Size and Shape Selectivity of Host Networks Built Based on Tunable Secondary Building Units. <i>Inorganic Chemistry</i> , 2005, 44, 1934-1940.	1.9	51
68	Self-discrimination of the racemic ligands in the self-assembly of [(dppp)Pt(L)] ₂ ⁴⁺ . <i>Chemical Communications</i> , 2001, , 743-744.	2.2	50
69	An anion receptor with NH and OH groups for hydrogen bonds. <i>Chemical Communications</i> , 2008, , 3546.	2.2	50
70	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
71	Hexanuclear manganese metallamacrocycles with tripled hydrophobic tails. <i>Polyhedron</i> , 2000, 19, 1985-1994.	1.0	49
72	Self-assembled metal-rectangles bearing azodipyridyl ligands: synthesis, characterization and antitumor activity. <i>Dalton Transactions</i> , 2013, 42, 466-475.	1.6	49

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73	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. <i>Chemical Communications</i> , 2006, , 3699.	2.2	48
74	Novel 48-Membered Hexadecanuclear and 60-Membered Icosanuclear Manganese Metallamacrocycles. <i>Inorganic Chemistry</i> , 2008, 47, 8807-8812.	1.9	48
75	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
76	Imidazolium and Phosphonium Alkylselenites for the Catalytic Oxidative Carbonylation of Amines: Mechanistic Studies. <i>Organometallics</i> , 2003, 22, 2498-2504.	1.1	46
77	An unprecedented twofold interpenetrating (3,4)-connected 3-D metal-organic framework. <i>Chemical Communications</i> , 2007, , 1707-1709.	2.2	45
78	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
79	Solvent-Induced Structural Dynamics in Noninterpenetrating Porous Coordination Polymeric Networks. <i>Inorganic Chemistry</i> , 2013, 52, 2951-2957.	1.9	45
80	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
81	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
82	Total Synthesis of (â)-Blepharocalyxin D. <i>Organic Letters</i> , 2007, 9, 141-144.	2.4	42
83	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
84	Crystal Structures of Mutant <i>Pseudomonas aeruginosa</i> p-Hydroxybenzoate Hydroxylases: The Tyr201Phe, Tyr385Phe, and Asn300Asp Variants. <i>Biochemistry</i> , 1994, 33, 1555-1564.	1.2	40
85	Oligobisvelcra: Self-Assembled Linear Oligomer by Solvophobic π - π Stacking Interaction of Bisvelcra Based on Resorcin[4]arene. <i>Organic Letters</i> , 2004, 6, 3893-3896.	2.4	39
86	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
87	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
88	Cationic control of spin dimensionality in infinite chains of (cation) ₂ [MnIII(salicylate) ₂ (CH ₃ OH) ₂][MnIII(salicylate) ₂]. <i>Inorganic Chemistry</i> , 1991, 30, 3900-3907.	1.9	37
89	Square Pyramidal Dialkoxo-Bound Monooxo Vanadium(V) Complex and Its Behavior in Solution. <i>Inorganic Chemistry</i> , 2001, 40, 554-557.	1.9	37
90	The Effect of Ligand Charge on the Coordination Geometry of an Fe(III) Ion: Five- and Six-Coordinate Fe(III) Complexes of Tris(2-benzimidazolymethyl)amine. <i>Inorganic Chemistry</i> , 2002, 41, 4708-4714.	1.9	37

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91	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
92	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
93	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
94	Anticancer Potency Studies of Coordination Driven Self-Assembled Arene-Based Ru-Based Metallabowls. <i>ChemBioChem</i> , 2014, 15, 695-700.	1.3	34
95	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
96	Steric control of the nuclearity of metallamacrocycles: formation of a hexanuclear gallium metalladiazamacrocycle and a hexadecanuclear manganese metalladiazamacrocycle. <i>Dalton Transactions</i> , 2008, , 131-136.	1.6	32
97	A bent mixed-valence manganese(III/II/III) complex: a new class of trinuclear, acetate bridged Schiff's base compounds exhibiting a g = 2 multiline e.s.r. signal. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 84.	2.0	31
98	A 3-dimensional coordination polymer with a rare lonsdaleite topology constructed from a tetrahedral ligand. <i>CrystEngComm</i> , 2012, 14, 7174.	1.3	31
99	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
100	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
101	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
102	Metalladiazamacrocycles: Metallamacrocycles as Potential Supramolecular Host System for Small Organic Guest Molecules and Supramolecular Building Blocks for Metal Organic Frameworks. <i>Supramolecular Chemistry</i> , 2007, 19, 295-308.	1.5	27
103	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
104	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
105	Amine-Tagged Fragmented Ligand Installation for Covalent Modification of MOF-74. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9296-9300.	7.2	26
106	Synthesis and characterization of a ferric complex of the tripodal ligand tris(2-benzimidazolymethyl)amine as a superoxide dismutase mimic. <i>Inorganica Chimica Acta</i> , 1999, 290, 21-27.	1.2	25
107	Two octanuclear gallium metallamacrocycles of topologically different connectivities. <i>Dalton Transactions</i> , 2007, , 5412.	1.6	25
108	Preparation of Chromium-Manganese Diarene Heterobimetallic Complexes Using a Mn(CO) ₃ +Transfer Reaction. <i>Organometallics</i> , 1996, 15, 3664-3669.	1.1	24

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109	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
110	Stereoselective synthesis of (âˆ“)âˆ“blepharocalyxin D. <i>Tetrahedron</i> , 2007, 63, 5797-5805.	1.0	23
111	Scalable Synthesis of Pure and Stable Hexaaminobenzene Trihydrochloride. <i>Synlett</i> , 2013, 24, 246-248.	1.0	23
112	A 2D Layered Metalâˆ“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
113	A metalâˆ“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
114	2D Layered metalâˆ“organic frameworks built using a hexanuclear metallamacrocycle and an octanuclear metallamacrocycle as supramolecular building blocks. <i>CrystEngComm</i> , 2009, 11, 770.	1.3	22
115	Synthetic chloride transporters with the binding mode observed in a CIC chloride channel. <i>Chemical Communications</i> , 2012, 48, 10346.	2.2	22
116	Symmetry-guided syntheses of mixed-linker Zr metalâˆ“organic frameworks with precise linker locations. <i>Chemical Science</i> , 2019, 10, 5801-5806.	3.7	22
117	Manganese Thiophene Tricarbonyl Complexes:âˆ“% Nucleophilic Addition to Sulfur and Synthesis of Thiophenium Salts. <i>Organometallics</i> , 1997, 16, 1749-1756.	1.1	21
118	Water-soluble supramolecular bowls formed by intra-clipping of resorcin[4]arene-based ligands with Pd(ii) ions Electronic supplementary information (ESI) available: spectral data. See http://www.rsc.org/suppdata/cc/b2/b212855a/ . <i>Chemical Communications</i> , 2003, , 998-999.	2.2	20
119	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
120	A linear trinuclear mixed valence vanadium(v/iv/v) complex: synthesis, characterization, and solution behavior. <i>Dalton Transactions</i> , 2005, , 797.	1.6	20
121	A hamburger-shaped helical stacking of disk-shaped ligands mediated by silver(ii) ions. <i>Chemical Communications</i> , 2007, , 5013.	2.2	20
122	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
123	Effects of alternation in some quasiâˆ“oneâˆ“dimensional magnetic materials. <i>Journal of Applied Physics</i> , 1991, 69, 6013-6015.	1.1	19
124	Manganese(III)âˆ“Promoted Tandem Oxidation and Cyclization of Î²âˆ“Keto Ester Derivatives of Terpenoids. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1913-1917.	2.1	19
125	Adsorbate Selectivity of Isoreticular Microporous Metalâˆ“Organic Frameworks with Similar Static Pore Dimensions. <i>Crystal Growth and Design</i> , 2011, 11, 5064-5071.	1.4	18
126	Topology Conversions of Non-Interpenetrated Metalâˆ“Organic Frameworks to Doubly Interpenetrated Metalâˆ“Organic Frameworks. <i>Chemistry of Materials</i> , 2017, 29, 3899-3907.	3.2	17

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127	A dodecanuclear metallamacrocycle having a multidentate bridging ligand in two different binding modes. <i>Dalton Transactions</i> , 2008, , 6579.	1.6	16
128	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
129	Reactions of Fe ₂ (CO) ₉ with Azine Derivatives: Discovery of New Coordination Modes and Reactivity of New Bimetallic Compounds. <i>Organometallics</i> , 2002, 21, 5366-5372.	1.1	15
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