Mark D Smith

List of Publications by Year
in descending order

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604 papers	19,938 citations	11608 70 h-index	30848 102 g-index
681 all docs	681 docs citations	681 times ranked	13322 citing authors

#	Article	IF	Citations
1	Ligand-Directed Molecular Architectures:Â Self-Assembly of Two-Dimensional Rectangular Metallacycles and Three-Dimensional Trigonal or Tetragonal Prisms. Journal of the American Chemical Society, 2003, 125, 8595-8613.	6.6	437
2	Exceptionally Stable, Hollow Tubular Metalâ˜'Organic Architectures:Â Synthesis, Characterization, and Solid-State Transformation Study. Journal of the American Chemical Society, 2004, 126, 3576-3586.	6.6	392
3	1-Benzenesulfinyl Piperidine/Trifluoromethanesulfonic Anhydride:Â A Potent Combination of Shelf-Stable Reagents for the Low-Temperature Conversion of Thioglycosides to Glycosyl Triflates and for the Formation of Diverse Glycosidic Linkages. Journal of the American Chemical Society, 2001, 123, 9015-9020.	6.6	379
4	Two Luminescent Coordination Polymers with a Triple-Helix Structure:â€‰ HgX2(C31H24N2)Â·CH2Cl2 (X = Cl) Tj ETQq0 0 0 rgBT /Ove	3.2	234
5	Two VersatileN,Nâ€˜-Bipyridine-Type Ligands for Preparing Organicâ˜'Inorganic Coordination Polymers:Â New Cobalt- and Nickel-Containing Framework Materials. Inorganic Chemistry, 2001, 40, 2825-2834.	1.9	220
6	Noninterpenetrating Square-Grid Coordination Polymers With Dimensions of 25Ã—25 Ã…2 Prepared by UsingN,Nâ€²-Type Ligands: The First Chiral Square-Grid Coordination Polymer. Angewandte Chemie - International Edition, 2002, 41, 583-585.	7.2	208
7	[Co2(ppca)2(H2O)(V4O12)0.5]: A Framework Material Exhibiting Reversible Shrinkage and Expansion through a Single-Crystal-to-Single-Crystal Transformation Involving a Change in the Cobalt Coordination Environment. Angewandte Chemie - International Edition, 2005, 44, 6673-6677.	7.2	198
8	Energy Transfer on Demand: Photoswitch-Directed Behavior of Metalâ€“Porphyrin Frameworks. Journal of the American Chemical Society, 2014, 136, 11886-11889.	6.6	188
9	A Novel Noninterpenetrating Polycyclohexane Network:â€‰ A New Inorganic/Organic Coordination Polymer Structural Motif Generated by Self-Assembly of â€œT-Shapedâ€•Moieties. Chemistry of Materials, 2000, 12, 1156-1161.	3.2	160
10	Structural Diversity and Thermochromic Properties of Iodobismuthate Materials Containing d-Metal Coordination Cations: Observation of a High Symmetry [Bi₃I₁₁]^{2â˜'} Anion and of Isolated I^{â˜'} Anions. Journal of the American Chemical Society, 2011, 133, 603-612.	6.6	160
11	Control of the Stereochemical Impact of the Lone Pair in Lead(II) Tris(pyrazolyl)methane Complexes. Improved Preparation of Na{B[3,5-(CF3)2C6H3]4}. Inorganic Chemistry, 2001, 40, 3810-3814.	1.9	147
12	New Inorganic/Organic Coordination Polymers Generated from Bidentate Schiff-Base Ligands. Inorganic Chemistry, 2000, 39, 4927-4935.	1.9	146
13	Crystal growth of Ba2MOsO6 (MLi, Na) from reactive hydroxide fluxes. Solid State Sciences, 2002, 4, 311-316.	1.5	144
14	Novel Bismuth and Lead Coordination Polymers Synthesized with Pyridine-2,5-Dicarboxylates: Two Single Component â€œWhiteâ€•Light Emitting Phosphors. Inorganic Chemistry, 2010, 49, 11001-11008.	1.9	135
15	Syntheses and Characterizations of One-Dimensional Coordination Polymers Generated from Cadmium Nitrate and Bipyridine Ligands. Inorganic Chemistry, 1999, 38, 3056-3060.	1.9	126
16	Supramolecular Structural Variations with Changes in Anion and Solvent in Silver(I) Complexes of a Semirigid, Bitopic Tris(pyrazolyl)methane Ligand. Inorganic Chemistry, 2004, 43, 537-554.	1.9	125
17	[Cu(2-pyrazinecarboxylato)2HgI2]â‹…HgI2: An Open Noninterpenetrating CuIIâ€“HgII Mixed-Metal Cuboidal Framework Encapsulating Nearly Linear HgI2 Guest Molecules. Angewandte Chemie - International Edition, 2000, 39, 4271-4273.	7.2	124
18	Formation of Dinuclear, Macrocyclic, and Chain Structures from HgI2and a Semirigid Benzimidazole-Based Bridging Ligand:Â An Example of Ring-Opening Supramolecular Isomerism. Inorganic Chemistry, 2003, 42, 5685-5692.	1.9	123

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19	Syntheses and Structures of Ag(I)-Containing Coordination Polymers and Co(II)-Containing Supramolecular Complex Based on Novel Fulvene Ligands. Inorganic Chemistry, 2004, 43, 4727-4739.	1.9	123
20	Self-repairing polymers: poly(dioxaborolane)s containing trigonal planar boron. Chemical Communications, 2005, , 4342.	2.2	117
21	Self-Assembled Nanotubes that Reversibly Bind Acetic Acid Guests. Journal of the American Chemical Society, 2003, 125, 14972-14973.	6.6	114
22	The first â€˜two-over/two-underâ€™ (2O/2U) 2D weave structure assembled from Hg-containing 1D coordination polymer chains. Chemical Communications, 2003, , 1630-1631.	2.2	114
23	Supramolecular Structures of Cadmium(II) Coordination Polymers:Â A New Class of Ligands Formed by Linking Tripodal Tris(pyrazolyl)methane Units. Inorganic Chemistry, 2001, 40, 6212-6219.	1.9	112
24	Thermal Reaction of a Columnar Assembled Diacetylene Macrocycle. Journal of the American Chemical Society, 2010, 132, 5334-5335.	6.6	111
25	Self-Assembled Phenylethynylene Bis-urea Macrocycles Facilitate the Selective Photodimerization of Coumarin. Journal of the American Chemical Society, 2011, 133, 7025-7032.	6.6	111
26	Characterization of Sparstolonin B, a Chinese Herb-derived Compound, as a Selective Toll-like Receptor Antagonist with Potent Anti-inflammatory Properties. Journal of Biological Chemistry, 2011, 286, 26470-26479.	1.6	111
27	Flipping the Switch: Fast Photoisomerization in a Confined Environment. Journal of the American Chemical Society, 2018, 140, 7611-7622.	6.6	110
28	Silver(I) Complexes of Fixed, Polytopic Bis(pyrazolyl)methane Ligands:â€‰ Influence of Ligand Geometry on the Formation of Discrete Metallacycles and Coordination Polymers. Inorganic Chemistry, 2006, 45, 10077-10087.	1.9	108
29	Reactions of Cu(hfacac)2Â·H2O (hfacac = Hexafluoroacetylacetonate) with Bidentate Ligands. Preparation, Characterization, and X-ray Structures of the Molecular Complexes Cu(hfacac)2(pyrazine)2and Cu(hfacac)2(3-cyanopyridine)2and the One-Dimensional Coordination Polymers Cu(hfacac)2(1,2-bis(4-pyridyl)ethane) and Cu(hfacac)2(4,4â€²-trimethylenebipyridine). Inorganic Chemistry, 1999, 38, 5027-5033.	1.9	107
30	Two different one-dimensional structural motifs in the same coordination polymer: a novel interpenetration of infinite ladders by bundles of infinite chains. Chemical Communications, 2001, , 2256-2257.	2.2	107
31	Multifaceted Modularity: A Key for Stepwise Building of Hierarchical Complexity in Actinide Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 16852-16861.	6.6	107
32	Solid-Phase Synthesis of Î²-Mannosides. Journal of the American Chemical Society, 2002, 124, 8867-8869.	6.6	106
33	New Crystalline Frameworks Formed from 1,2-Bis(4-pyridyl)ethyne and Co(NO3)2:â€‰ Interpenetrating Molecular Ladders and an Unexpected Molecular Parquet Pattern from T-Shaped Building Blocks. Chemistry of Materials, 1999, 11, 1413-1415.	3.2	105
34	[Ag2(C33H26N2O2)(H2O)2(SO3CF3)2]Â·0.5C6H6:Â A Luminescent Supramolecular Silver(I) Complex Based on Metalâ^'Carbon and Metalâ^'Heteroatom Interactions. Inorganic Chemistry, 2002, 41, 4909-4914.	1.9	104
35	Self-Assembling Poly(dioxaborole)s as Blue-Emissive Materials. Journal of the American Chemical Society, 2006, 128, 16466-16467.	6.6	104
36	Î²â€Diketonate, Î²â€Ketoiminate, and Î²â€Diiminate Complexes of Difluoroboron. European Journal of Inorganic Chemistry, 2008, 2008, 3200-3211.	1.0	103

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37	Additivity of Substituent Effects in Aromatic Stacking Interactions. Journal of the American Chemical Society, 2014, 136, 14060-14067.	6.6	102
38	(BB)-Carboryne Complex of Ruthenium: Synthesis by Double Bâ€“H Activation at a Single Metal Center. Journal of the American Chemical Society, 2016, 138, 10531-10538.	6.6	102
39	Metal-Containing Ligands for Mixed-Metal Polymers:Â Novel Cu(II)â^'Ag(I) Mixed-Metal Coordination Polymers Generated from [Cu(2-methylpyrazine-5-carboxylate)2(H2O)]Â·3H2O and Silver(I) Salts. Inorganic Chemistry, 2000, 39, 1943-1949.	1.9	97
40	Columnar Supramolecular Architecture Self-Assembled fromS4-Symmetric Coordination Nanotubes Encapsulating Neutral Guest Molecules. Angewandte Chemie - International Edition, 2003, 42, 4085-4089.	7.2	96
41	Polymorphism in Fe[(p-IC6H4)B(3-Mepz)3]2(pz = Pyrazolyl):Â Impact of Supramolecular Structure on an Iron(II) Electronic Spin-State Crossover. Inorganic Chemistry, 2005, 44, 1852-1866.	1.9	96
42	Synthesis and Characterization of New Coordination Polymers Generated from Oxadiazole-Containing Organic Ligands and Inorganic Silver(I) Salts. Inorganic Chemistry, 2003, 42, 294-300.	1.9	95
43	Self-Assembly of Coordination Polymers from AgX (X = SbF6-, PF6-, and CF3SO3-) and Oxadiazole-Containing Ligands. Inorganic Chemistry, 2003, 42, 5699-5706.	1.9	95
44	Highly Organized Structures and Unusual Magnetic Properties of Paddlewheel Copper(II) Carboxylate Dimers Containing the Ï€â^'Ï€ Stacking, 1,8-Naphthalimide Synthon. Inorganic Chemistry, 2009, 48, 8911-8924.	1.9	94
45	Proton Grease: An Acid Accelerated Molecular Rotor. Journal of the American Chemical Society, 2012, 134, 3675-3678.	6.6	92
46	Silver complexes of 1,1â€²,3,3â€²-tetrakis(pyrazol-1-yl)propane: the â€œquadruple pyrazolyl embraceâ€•as a supramolecular synthonElectronic supplementary information (ESI) available: two possible representations of the coordination sphere about Ag(2a) in 2Â·CH3CN. See http://www.rsc.org/suppdata/dt/b3/b301635h/. Dalton Transactions, 2003, , 1712-1718.	1.6	91
47	Synthesis and Explosive Decomposition of Organometallic Dehydro[18]annulenes:Â An Access to Carbon Nanostructures. Journal of the American Chemical Society, 2002, 124, 13814-13818.	6.6	90
48	Impact of Variations in Design of Flexible Bitopic Bis(pyrazolyl)methane Ligands and Counterions on the Structures of Silver(I) Complexes:Â Dominance of Cyclic Dimeric Architecture. Inorganic Chemistry, 2004, 43, 6609-6619.	1.9	90
49	Connecting Wires: Photoinduced Electronic Structure Modulation in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 5350-5358.	6.6	90
50	Copper(II) Carboxylate Dimers Prepared from Ligands Designed to Form a Robust Ï€Â·Â·Â·Ï€ Stacking Synthon: Supramolecular Structures and Molecular Properties. Inorganic Chemistry, 2012, 51, 1068-1083.	1.9	89
51	Active Sites in Copper-Based Metalâ€“Organic Frameworks: Understanding Substrate Dynamics, Redox Processes, and Valence-Band Structure. Journal of Physical Chemistry C, 2015, 119, 27457-27466.	1.5	87
52	How important are dispersion interactions to the strength of aromatic stacking interactions in solution?. Chemical Science, 2015, 6, 4358-4364.	3.7	86
53	Mimic of the Green Fluorescent Protein Î²-Barrel: Photophysics and Dynamics of Confined Chromophores Defined by a Rigid Porous Scaffold. Journal of the American Chemical Society, 2015, 137, 2223-2226.	6.6	82
54	Novel hydrogen-bonded two- and three-dimensional networks generated from the reaction of metal nitrate hydrates (Mâ€…=â€…Cd, Co) with the bidentate linear ligand 4,4â€²-bipyridine. Dalton Transactions RSC, 2000, , 775-780.	2.3	81

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55	Do Deuteriums Form Stronger CHâ‹¯Ï€ Interactions?. Journal of the American Chemical Society, 2012, 134, 14306-14309.	6.6	80
56	Quinoline-Containing, Conjugated Poly(aryleneethynylene)s:Â Novel Metal and H+-Responsive Materials. Macromolecules, 2002, 35, 1563-1568.	2.2	79
57	Novel Mixed-Valent (V/VI) Triple Perovskite Ruthenates:Â Observation of a Complex Low-Temperature Structural and Magnetic Transition. Journal of the American Chemical Society, 2002, 124, 13877-13885.	6.6	79
58	Formation of Third Generation Poly(pyrazolyl)borate Ligands from Alkyne Coupling Reactions of Fe[(p-IC6H4)B(3-Rpz)3]2(R = H, Me; pz = Pyrazolyl):Â Pathways toward Controlling an Iron(II) Electronic Spin-State Crossover. Journal of the American Chemical Society, 2005, 127, 2303-2316.	6.6	79
59	Photoredox-Assisted Reductive Cross-Coupling: Mechanistic Insight into Catalytic Arylâ€“Alkyl Cross-Couplings. Journal of Organic Chemistry, 2017, 82, 1996-2003.	1.7	79
60	Origins of Selectivity for the [2+2] Cycloaddition of Î±,Î²-unsaturated Ketones within a Porous Self-assembled Organic Framework. Journal of the American Chemical Society, 2008, 130, 612-621.	6.6	78
61	A new KagomÃ© lattice coordination polymer based on bismuth and pyridine-2,5-dicarboxylate: structure and photoluminescent properties. Chemical Communications, 2011, 47, 7371.	2.2	78
62	[Cu(pyrazine-2-carboxylate)2]2Cd4I8: unprecedented 1-D serpentine inorganic chains and regular 2-D metalâ€“organic square grids in a 3-D framework. Chemical Communications, 2002, , 74-75.	2.2	77
63	Structureâ‹¯Function Correlations in Iron(II) Tris(pyrazolyl)borate Spin-State Crossover Complexes. Inorganic Chemistry, 2006, 45, 8862-8875.	1.9	77
64	Homochiral, Helical Supramolecular Metalâ‹¯Organic Frameworks Organized by Strong Ï€Â·Â·Â·Ï€ Stacking Interactions: Single-Crystal to Single-Crystal Transformations in Closely Packed Solids. Inorganic Chemistry, 2011, 50, 686-704.	1.9	77
65	Self-assembly of a bis-urea macrocycle into a columnar nanotube. Chemical Communications, 2001, , 1592-1593.	2.2	76
66	New Ag(I)-Containing Coordination Polymers Generated from Multidentate Schiff-Base Ligands. Inorganic Chemistry, 2004, 43, 5603-5612.	1.9	76
67	A Molecular Balance for Measuring Aliphatic CHâ‹¯Ï€ Interactions. Organic Letters, 2011, 13, 4320-4323.	2.4	76
68	Stabilizing Fluorineâ€“Ï€ Interactions. Angewandte Chemie - International Edition, 2017, 56, 7209-7212.	7.2	75
69	Measurement of Silverâ‹¯Ï€ Interactions in Solution Using Molecular Torsion Balances. Journal of the American Chemical Society, 2015, 137, 8014-8017.	6.6	74
70	Syntheses, Structures, Bonding, and Redox Behavior of 1,4-Bis(ferrocenyl)butadiyne Coordinated Osmium Clusters. Organometallics, 2002, 21, 2970-2978.	1.1	72
71	Layered Heterometallic Iodoplumbate Containing a Novel Pb3Cu6I16Net:Â Structure and Optical Properties. Inorganic Chemistry, 2006, 45, 10437-10439.	1.9	72
72	Dinuclear Complexes Containing Linear Mâ€“Fâ€“M [M = Mn(II), Fe(II), Co(II), Ni(II), Cu(II), Zn(II), Cd(II)] Bridges: Trends in Structures, Antiferromagnetic Superexchange Interactions, and Spectroscopic Properties. Inorganic Chemistry, 2012, 51, 11820-11836.	1.9	71

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73	Thermodynamics and Electronic Properties of Heterometallic Multinuclear Actinide-Containing Metalâ€“Organic Frameworks with â€œStructural Memoryâ€•. Journal of the American Chemical Society, 2019, 141, 11628-11640.	6.6	71
74	Cruciform Ï€-systems: effect of aggregation on emission. Chemical Communications, 2004, , 1700-1701.	2.2	70
75	Synthesis of Open and Closed Metallacages Using Novel Tripodal Ligands:Â Unusually Stable Silver(I) Inclusion Compound. Inorganic Chemistry, 2003, 42, 8137-8139.	1.9	69
76	Crystal Growth and Magnetic Properties of Lanthanide-Containing Osmium Double Perovskites, Ln2NaOsO6 (Ln = La, Pr, Nd). Inorganic Chemistry, 2005, 44, 2639-2646.	1.9	69
77	Anion- and Solvent-Directed Assembly in Silver Bis(thioimidazolyl)methane Chemistry and the Silverâ^'Sulfur Interaction. Inorganic Chemistry, 2006, 45, 2132-2142.	1.9	68
78	Structural Impact of Infinite Water Chains on the Self-Assembly of an Inorganicâ^'Metalâ^'Organic Architecture. Crystal Growth and Design, 2006, 6, 1068-1070.	1.4	68
79	New Cd(II)-, Co(II)-, and Cu(II)-Containing Coordination Polymers Synthesized by Using the Rigid Ligand 1,2-Bis(3-pyridyl)ethyne (3,3â€˜-DPA). Inorganic Chemistry, 2002, 41, 4895-4903.	1.9	67
80	Preparation and Characterization of Novel Inorganicâ^'Organic Hybrid Materials Containing Rare, Mixed-Halide Anions of Bismuth(III). Inorganic Chemistry, 2004, 43, 7042-7049.	1.9	67
81	New 3D bismuth-oxo coordination polymers containing terephthalate-based ligands: observation of Bi₂O₂-layer and Bi₄O₃-chain motifs. CrystEngComm, 2011, 13, 426-429.	1.3	65
82	Distanceâ€Dependent Attractive and Repulsive Interactions of Bulky Alkyl Groups. Angewandte Chemie - International Edition, 2016, 55, 8086-8089.	7.2	65
83	Bimetallic Cluster Complexes:Â The Synthesis, Structures, and Bonding of Ruthenium Carbonyl Cluster Complexes Containing Palladium and Platinum with the Bulky Tri-tert-butyl-phosphine Ligand. Journal of the American Chemical Society, 2004, 126, 5253-5267.	6.6	64
84	Structurally adaptive multitopic ligands containing tris(pyrazolyl)methane units as supramolecular synthons: manganese carbonyl complexes. Journal of Organometallic Chemistry, 2003, 666, 87-101.	0.8	63
85	Synthesis and Characterization of 1,12-Bis(ferrocenyl)-1,3,5,7,9,11-dodecahexayne and Its Coordination to Triosmium and Dicobalt Carbonyls. Organometallics, 2002, 21, 3867-3872.	1.1	62
86	EuKNaTaO₅: Crystal Growth, Structure and Photoluminescence Property. Journal of the American Chemical Society, 2009, 131, 4202-4203.	6.6	62
87	Supramolecular Architecture of a Silver(I) Coordination Polymer Supported by a New Ligand Containing Four Tris(pyrazolyl)methane Units. Inorganic Chemistry, 2001, 40, 6545-6546.	1.9	61
88	Synthesis and Structural Characterization of a Bitopic Ferrocenyl-Linked Bis(pyrazolyl)methane Ligand and Its Silver(I) Coordination Polymers. Organometallics, 2003, 22, 4973-4983.	1.1	61
89	Comprehensive Experimental Study of N-Heterocyclic Ï€-Stacking Interactions of Neutral and Cationic Pyridines. Journal of Organic Chemistry, 2013, 78, 5303-5313.	1.7	61
90	Spontaneously Resolved Chiral Three-Fold Interpenetrating Diamondoidlike Cu(II) Coordination Polymers with Temperature-Driven Crystal-to-Crystal Transformation. Inorganic Chemistry, 2005, 44, 6143-6145.	1.9	60

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91	Remarkable Dynamical Opening and Closing of Platinum and Palladium Pentaruthenium Carbido Carbonyl Cluster Complexes. Inorganic Chemistry, 2003, 42, 2094-2101.	1.9	59
92	New Coordination Polymers and Supramolecular Complexes Generated from Oxadiazole-Containing Organic Ligands and Inorganic M(II) (M = Zn and Cu) Salts. Chemistry of Materials, 2003, 15, 2593-2604.	3.2	58
93	Synthesis and Characterization of New Coordination Polymers Generated from Triazole-Containing Organic Ligands and Inorganic Ag(I) Salts. Crystal Growth and Design, 2005, 5, 789-800.	1.4	58
94	Bitopic Phenylene-Linked Bis(pyrazolyl)methane Ligands:â€‰ Preparation and Supramolecular Structures of Hetero- and Homobimetallic Complexes Incorporating Organoplatinum(II) and Tricarbonylrhenium(I) Centers. Organometallics, 2005, 24, 1544-1555.	1.1	58
95	Application of a Mild Hydrothermal Approach Containing an in Situ Reduction Step to the Growth of Single Crystals of the Quaternary U(IV)-Containing Fluorides Na₄MU₆F₃₀ (M = Mn²⁺, Co²⁺,) Tj ETQq1 1 0.784314 rgBT /Overlock Properties. Journal of the American Chemical Society, 2014, 136, 3955-3963.	6.6	58
96	High Nuclearity Rutheniumâ^'Tin Clusters from the Reactions of Triphenylstannane with Pentaruthenium Carbonyl Carbido Cluster Complexes. Inorganic Chemistry, 2002, 41, 5593-5601.	1.9	57
97	Influences of Changes in Multitopic Tris(pyrazolyl)methane Ligand Topology on Silver(I) Supramolecular Structures. Inorganic Chemistry, 2003, 42, 3751-3764.	1.9	57
98	A Bioâ€inspired Approach for Chromophore Communication: Ligandâ€toâ€Ligand and Hostâ€toâ€Guest Energy Transfer in Hybrid Crystalline Scaffolds. Angewandte Chemie - International Edition, 2015, 54, 13639-13643.	7.2	57
99	Syntheses and crystal structures of several novel alkylammonium iodobismuthate materials containing the 1,3-bis-(4-piperidinium)propane cation. Journal of Solid State Chemistry, 2005, 178, 3529-3540.	1.4	56
100	Metallacycles of Iron, Zinc, and Cadmium Assembled by Polytopic Bis(pyrazolyl)methane Ligands and Fluoride Abstraction from BF4-. Inorganic Chemistry, 2006, 45, 10088-10097.	1.9	56
101	Solid-State Structural and Magnetic Investigations of {M[HC(3,5-Me2pz)3]2}(BF4)2 (M = Fe, Co, Ni, Cu):â€‰ Observation of a Thermally Induced Solid-State Phase Change Controlling an Iron(II) Spin-State Crossover. Inorganic Chemistry, 2002, 41, 4453-4460.	1.9	55
102	Structural diversity in the Cu(pyrazinecarboxylate)2/CdCl2 system: new one-, two- and three-dimensional mixed metal coordination polymers. Dalton Transactions, 2003, , 1245-1250.	1.6	55
103	Crystal Growth, Observation, and Characterization of the Low-Temperature Structure of the Fluorite-Related Ruthenates:Â Sm3RuO7and Eu3RuO7. Inorganic Chemistry, 2004, 43, 4254-4261.	1.9	55
104	Non-Interpenetrated Square-Grid Coordination Polymers Synthesized Using an Extremely Long N,Nâ€˜-Type Ligand. Inorganic Chemistry, 2005, 44, 8762-8769.	1.9	55
105	Understanding the Formation of Salt-Inclusion Phases: An Enhanced Flux Growth Method for the Targeted Synthesis of Salt-Inclusion Cesium Halide Uranyl Silicates. Journal of the American Chemical Society, 2016, 138, 7121-7129.	6.6	55
106	A Three-Dimensional, Noninterpenetrating Metalâ^'Organic Framework with the Moganite Topology:Â A Simple (42.62.82)(4.64.8)2Net Containing Two Kinds of Topologically Nonequivalent Points. Inorganic Chemistry, 2004, 43, 6881-6883.	1.9	54
107	Conformational and Electronic Engineering of Twisted Diphenylacetylenes. Organic Letters, 2003, 5, 3951-3954.	2.4	53
108	[Ru(2,2â€²-bipy)3]2[Bi4I16]: A bimetallic inorganicâ€“organic complex consisting of a d-metal coordination cation and a polynuclear iodobismuthate anion. Inorganic Chemistry Communication, 2005, 8, 684-688.	1.8	53

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109	Structures and luminescent properties of new uranyl-based hybrid materials. Solid State Sciences, 2011, 13, 1344-1353.	1.5	53
110	Single Crystal to Single Crystal Polymerization of a Self-Assembled Diacetylene Macrocycle Affords Columnar Polydiacetylenes. Crystal Growth and Design, 2014, 14, 993-1002.	1.4	53
111	Rapid reversible borane to boryl hydride exchange by metal shuttling on the carborane cluster surface. Chemical Science, 2017, 8, 5399-5407.	3.7	53
112	Crystal growth, structure determination, and optical properties of new potassium-rare-earth silicates K3RESi2O7 (RE=Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu). Journal of Solid State Chemistry, 2003, 170, 203-210.	1.4	52
113	Synthesis and characterization of new coordination polymers generated from oxadiazole-containing ligand and inorganic M(ii) [M = Cu(ii), Co(ii)] salts. Dalton Transactions, 2003, , 1472-1479.	1.6	52
114	Metal Complexes of 2,6-Bis[(pyrazol-1-yl)methyl]pyridine:â€‰ The Search for Arylâˆ’Pyrazolyl Embrace Interactions as a Synthon for Crystal Engineering. Crystal Growth and Design, 2005, 5, 1181-1190.	1.4	52
115	Directional control of Ï€-stacked building blocks for crystal engineering: the 1,8-naphthalimide synthon. Chemical Communications, 2005, , 4068.	2.2	52
116	Structural Diversity of Metalâ€“Organic Materials Containing Bismuth(III) and Pyridine-2,5-Dicarboxylate. Crystal Growth and Design, 2011, 11, 4449-4457.	1.4	52
117	Metal- and Ligand-Centered Reactivity of meta-Carboranyl-Backbone Pincer Complexes of Rhodium. Organometallics, 2016, 35, 106-112.	1.1	52
118	Tuning the Coordination Geometry of Silver in Bis(pyrazolyl)alkane Complexes. Inorganic Chemistry, 2004, 43, 3825-3832.	1.9	51
119	Heterometallic Actinideâ€Containing Photoresponsive Metalâ€Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. Angewandte Chemie - International Edition, 2021, 60, 8072-8080.	7.2	51
120	Structures and Electrocommunication between Ferrocenyl Groups in Osmium Cluster Complexes of 1,8-Bis(ferrocenyl)octatetrayne. Organometallics, 2001, 20, 5225-5232.	1.1	50
121	Syntheses and crystal structures of new chain-containing iodometallate compounds: [H1,10-phen](H2O)1.41[AgI2], [H1,10-phen](H2O)1.42[CuI2]; [Co(tpy)2][Bi2I8], [Fe(tpy)2][Bi2I8]; [Co(1,10-phen)3][Pb3I8]·H2O, and [Fe(1,10-phen)3][Pb3I8]·0.5(H2O). Solid State Sciences, 2007, 9, 895-906.	1.5	50
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