

Mark D Smith

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594
papers

17,652
citations

66
h-index

96
g-index

681
ext. papers

18,780
ext. citations

5.3
avg, IF

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L-index

#	Paper	IF	Citations
594	Ligand-directed molecular architectures: self-assembly of two-dimensional rectangular metallacycles and three-dimensional trigonal or tetragonal prisms. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8595-613	16.4	423
593	Exceptionally stable, hollow tubular metal-organic architectures: synthesis, characterization, and solid-state transformation study. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3576-86	16.4	376
592	1-Benzenesulfinyl piperidine/trifluoromethanesulfonic anhydride: 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. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8615-20	16.4	338
591	Two Luminescent Coordination Polymers with a Triple-Helix Structure: $HgX_2(C_{31}H_{24}N_2)[CH_2Cl_2]$ (X = Cl and Br). <i>Chemistry of Materials</i> , 2001 , 13, 2743-2745	9.6	226
590	Two versatile N,N'-bipyridine-type ligands for preparing organic-inorganic coordination polymers: new cobalt- and nickel-containing framework materials. <i>Inorganic Chemistry</i> , 2001 , 40, 2825-34	5.1	196
589	$[Co_2(ppca)_2(H_2O)(V_4O_{12})_0.5]$: a framework material exhibiting reversible shrinkage and expansion through a single-crystal-to-single-crystal transformation involving a change in the cobalt coordination environment. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6673-7	16.4	189
588	Noninterpenetrating Square-Grid Coordination Polymers With Dimensions of $25 \times 25 \text{ \AA}$ Prepared by Using N,N'-Type Ligands: The First Chiral Square-Grid Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 583-585	16.4	180
587	Energy transfer on demand: photoswitch-directed behavior of metal-porphyrin frameworks. <i>Journal of the American Chemical Society</i> , 2014 , 136, 11886-9	16.4	156
586	A Novel Noninterpenetrating Polycyclohexane Network: A New Inorganic/Organic Coordination Polymer Structural Motif Generated by Self-Assembly of \square -Shaped Moieties. <i>Chemistry of Materials</i> , 2000 , 12, 1156-1161	9.6	143
585	Structural diversity and thermochromic properties of iodobismuthate materials containing d-metal coordination cations: observation of a high symmetry $[Bi_3I_{11}]^{2-}$ anion and of isolated I ⁻ anions. <i>Journal of the American Chemical Society</i> , 2011 , 133, 603-12	16.4	138
584	New inorganic/organic coordination polymers generated from bidentate Schiff-base ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 4927-35	5.1	135
583	Control of the stereochemical impact of the lone pair in lead(II) tris(pyrazolyl)methane complexes. Improved preparation of $Na[B[3,5-(CF_3)_2C_6H_3]_4]$. <i>Inorganic Chemistry</i> , 2001 , 40, 3810-4	5.1	130
582	Novel bismuth and lead coordination polymers synthesized with pyridine-2,5-dicarboxylates: two single component "white" light emitting phosphors. <i>Inorganic Chemistry</i> , 2010 , 49, 11001-8	5.1	126
581	Supramolecular structural variations with changes in anion and solvent in silver(I) complexes of a semirigid, bitopic tris(pyrazolyl)methane ligand. <i>Inorganic Chemistry</i> , 2004 , 43, 537-54	5.1	123
580	Crystal growth of Ba_2MO_6 (M = Li, Na) from reactive hydroxide fluxes. <i>Solid State Sciences</i> , 2002 , 4, 311-316	3.16	123
579	Formation of dinuclear, macrocyclic, and chain structures from HgI ₂ and a semirigid benzimidazole-based bridging ligand: an example of ring-opening supramolecular isomerism. <i>Inorganic Chemistry</i> , 2003 , 42, 5685-92	5.1	121
578	Syntheses and structures of Ag(I)-containing coordination polymers and Co(II)-containing supramolecular complex based on novel fulvene ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 4727-39	5.1	118

577	Self-assembled nanotubes that reversibly bind acetic acid guests. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14972-3	16.4	110
576	[Cu(2-pyrazinecarboxylato) HgI]?HgI : An Open Noninterpenetrating Cu -Hg Mixed-Metal Cuboidal Framework Encapsulating Nearly Linear HgI Guest Molecules. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 4271-4273	16.4	108
575	Syntheses and Characterizations of One-Dimensional Coordination Polymers Generated from Cadmium Nitrate and Bipyridine Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 3056-3060	5.1	108
574	The first Two-over/two-under(2O/2U) 2D weave structure assembled from Hg-containing 1D coordination polymer chains. <i>Chemical Communications</i> , 2003 , 1630-1631	5.8	107
573	Self-assembled phenylethyne bis-urea macrocycles facilitate the selective photodimerization of coumarin. <i>Journal of the American Chemical Society</i> , 2011 , 133, 7025-32	16.4	104
572	Silver(I) complexes of fixed, polytopic bis(pyrazolyl)methane ligands: influence of ligand geometry on the formation of discrete metallacycles and coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 10077-87	5.1	104
571	Supramolecular structures of cadmium(II) coordination polymers: a new class of ligands formed by linking tripodal tris(pyrazolyl)methane units. <i>Inorganic Chemistry</i> , 2001 , 40, 6212-9	5.1	104
570	Self-repairing polymers: poly(dioxaborolane)s containing trigonal planar boron. <i>Chemical Communications</i> , 2005 , 4342-4	5.8	103
569	Two different one-dimensional structural motifs in the same coordination polymer: a novel interpenetration of infinite ladders by bundles of infinite chains. <i>Chemical Communications</i> , 2001 , 2256-7	5.8	103
568	Self-assembling poly(dioxaborole)s as blue-emissive materials. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16466-7	16.4	101
567	Thermal reaction of a columnar assembled diacetylene macrocycle. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5334-5	16.4	100
566	[Ag(2)(C(33)H(26)N(2)O(2))(H(2)O)(2)(SO(3)CF(3))(2)].0.5C(6)H(6): a luminescent supramolecular silver(I) complex based on metal-carbon and metal-heteroatom interactions. <i>Inorganic Chemistry</i> , 2002 , 41, 4909-14	5.1	100
565	Reactions of Cu(hfacac)(2).H(2)O (hfacac = Hexafluoroacetylacetonate) with Bidentate Ligands. Preparation, Characterization, and X-ray Structures of the Molecular Complexes Cu(hfacac)(2)(pyrazine)(2) and Cu(hfacac)(2)(3-cyanopyridine)(2) and the One-Dimensional Coordination Polymers Cu(hfacac)(2)(1,2-bis(4-pyridyl)ethane) and	5.1	97
564	Self-assembly of coordination polymers from AgX (X = SbF(6)(-), PF(6)(-), and CF(3)SO(3)(-)) and oxadiazole-containing ligands. <i>Inorganic Chemistry</i> , 2003 , 42, 5699-706	5.1	95
563	Solid-phase synthesis of beta-mannosides. <i>Journal of the American Chemical Society</i> , 2002 , 124, 8867-9	16.4	94
562	Diaketonate, Diaketoiminate, and Diimininate Complexes of Difluoroboron. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3200-3211	2.3	92
561	Synthesis and characterization of new coordination polymers generated from oxadiazole-containing organic ligands and inorganic silver(I) salts. <i>Inorganic Chemistry</i> , 2003 , 42, 294-300	5.1	92
560	Silver complexes of 1,1,3,3-tetrakis(pyrazol-1-yl)propane: the quadruple pyrazolyl embrace as a supramolecular synthon. <i>Dalton Transactions</i> , 2003 , 1712-1718	4.3	90

- 559 (BB)-Carboryne Complex of Ruthenium: Synthesis by Double B-H Activation at a Single Metal Center. *Journal of the American Chemical Society*, **2016**, 138, 10531-8 16.4 89
- 558 Additivity of substituent effects in aromatic stacking interactions. *Journal of the American Chemical Society*, **2014**, 136, 14060-7 16.4 88
- 557 Polymorphism in Fe[(p-IC₆H₄)B(3-Mepz)₃]₂ (pz = pyrazolyl): impact of supramolecular structure on an iron(II) electronic spin-state crossover. *Inorganic Chemistry*, **2005**, 44, 1852-66 5.1 88
- 556 Columnar supramolecular architecture self-assembled from S₄-symmetric coordination nanotubes encapsulating neutral guest molecules. *Angewandte Chemie - International Edition*, **2003**, 42, 4085-9 16.4 88
- 555 New Crystalline Frameworks Formed from 1,2-Bis(4-pyridyl)ethyne and Co(NO₃)₂: Interpenetrating Molecular Ladders and an Unexpected Molecular Parquet Pattern from T-Shaped Building Blocks. *Chemistry of Materials*, **1999**, 11, 1413-1415 9.6 88
- 554 Synthesis and explosive decomposition of organometallic dehydro[18]annulenes: an access to carbon nanostructures. *Journal of the American Chemical Society*, **2002**, 124, 13814-8 16.4 87
- 553 Metal-containing ligands for mixed-metal polymers: novel Cu(II)-Ag(I) mixed-metal coordination polymers generated from [Cu(2-methylpyrazine-5-carboxylate)₂(H₂O)].3H₂O and silver(I) salts. *Inorganic Chemistry*, **2000**, 39, 1943-9 5.1 87
- 552 Copper(II) carboxylate dimers prepared from ligands designed to form a robust π-π stacking synthon: supramolecular structures and molecular properties. *Inorganic Chemistry*, **2012**, 51, 1068-83 5.1 85
- 551 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, 26470-9 5.4 85
- 550 Impact of variations in design of flexible bitopic bis(pyrazolyl)methane ligands and counterions on the structures of silver(I) complexes: dominance of cyclic dimeric architecture. *Inorganic Chemistry*, **2004**, 43, 6609-19 5.1 85
- 549 Multifaceted Modularity: A Key for Stepwise Building of Hierarchical Complexity in Actinide Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2017**, 139, 16852-16861 16.4 83
- 548 Highly organized structures and unusual magnetic properties of paddlewheel copper(II) carboxylate dimers containing the π-π stacking, 1,8-naphthalimide synthon. *Inorganic Chemistry*, **2009**, 48, 8911-24 5.1 82
- 547 Novel hydrogen-bonded two- and three-dimensional networks generated from the reaction of metal nitrate hydrates (M = Cd, Co) with the bidentate linear ligand 4,4'-bipyridine. *Dalton Transactions RSC*, **2000**, 775-780 81
- 546 Flipping the Switch: Fast Photoisomerization in a Confined Environment. *Journal of the American Chemical Society*, **2018**, 140, 7611-7622 16.4 76
- 545 Origins of selectivity for the [2+2] cycloaddition of alpha,beta-unsaturated ketones within a porous self-assembled organic framework. *Journal of the American Chemical Society*, **2008**, 130, 612-21 16.4 74
- 544 New Ag(I)-containing coordination polymers generated from multidentate Schiff-base ligands. *Inorganic Chemistry*, **2004**, 43, 5603-12 5.1 74
- 543 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): pathways toward controlling an iron(II) electronic spin-state crossover. *Journal of the American Chemical Society*, **2005**, 127, 2303-16 16.4 73
- 542 Quinoline-Containing, Conjugated Poly(aryleneethynylene)s: Novel Metal and H⁺-Responsive Materials. *Macromolecules*, **2002**, 35, 1563-1568 5.5 72

541	Do deuteriums form stronger CH- π interactions?. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14306-9	16.4	71
540	A new Kagom π lattice coordination polymer based on bismuth and pyridine-2,5-dicarboxylate: structure and photoluminescent properties. <i>Chemical Communications</i> , 2011 , 47, 7371-3	5.8	71
539	Structure-function correlations in Iron(II) tris(pyrazolyl)borate spin-state crossover complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 8862-75	5.1	70
538	How important are dispersion interactions to the strength of aromatic stacking interactions in solution?. <i>Chemical Science</i> , 2015 , 6, 4358-4364	9.4	69
537	Homochiral, helical supramolecular metal-organic frameworks organized by strong π - π stacking interactions: single-crystal to single-crystal transformations in closely packed solids. <i>Inorganic Chemistry</i> , 2011 , 50, 686-704	5.1	69
536	Syntheses, Structures, Bonding, and Redox Behavior of 1,4-Bis(ferrocenyl)butadiyne Coordinated Osmium Clusters. <i>Organometallics</i> , 2002 , 21, 2970-2978	3.8	69
535	Novel mixed-valent (V/VI) triple perovskite ruthenates: observation of a complex low-temperature structural and magnetic transition. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13877-85	16.4	69
534	[Cu(pyrazine-2-carboxylate) ₂] ₂ Cd ₄ I ₈ : unprecedented 1-D serpentine inorganic chains and regular 2-D metal-organic square grids in a 3-D framework. <i>Chemical Communications</i> , 2002 , 74-5	5.8	69
533	Mimic of the green fluorescent protein β barrel: photophysics and dynamics of confined chromophores defined by a rigid porous scaffold. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2223-6	16.4	68
532	Structural Impact of Infinite Water Chains on the Self-Assembly of an Inorganic-Metal-Organic Architecture. <i>Crystal Growth and Design</i> , 2006 , 6, 1068-1070	3.5	68
531	Layered heterometallic iodoplumbate containing a novel Pb ₃ Cu ₆ I ₁₆ net: structure and optical properties. <i>Inorganic Chemistry</i> , 2006 , 45, 10437-9	5.1	67
530	Cruciform π -systems: effect of aggregation on emission. <i>Chemical Communications</i> , 2004 , 1700-1	5.8	67
529	Self-assembly of a bis-urea macrocycle into a columnar nanotube. <i>Chemical Communications</i> , 2001 , 1592-3	5.8	67
528	Active Sites in Copper-Based Metal-Organic Frameworks: Understanding Substrate Dynamics, Redox Processes, and Valence-Band Structure. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 27457-27466	3.8	66
527	A molecular balance for measuring aliphatic CH- π interactions. <i>Organic Letters</i> , 2011 , 13, 4320-3	6.2	65
526	Anion- and solvent-directed assembly in silver bis(thioimidazolyl)methane chemistry and the silver-sulfur interaction. <i>Inorganic Chemistry</i> , 2006 , 45, 2132-42	5.1	65
525	Synthesis of open and closed metallacages using novel tripodal ligands: unusually stable silver(I) inclusion compound. <i>Inorganic Chemistry</i> , 2003 , 42, 8137-9	5.1	65
524	New Cd(II)-, Co(II)-, and Cu(II)-containing coordination polymers synthesized by using the rigid ligand 1,2-bis(3-pyridyl)ethyne (3,3'-DPA). <i>Inorganic Chemistry</i> , 2002 , 41, 4895-903	5.1	65

523	Measurement of Silver-Interactions in Solution Using Molecular Torsion Balances. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8014-7	16.4	64
522	Proton grease: an acid accelerated molecular rotor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3675-8	16.4	64
521	Crystal growth and magnetic properties of lanthanide-containing osmium double perovskites, Ln ₂ NaOsO ₆ (Ln = La, Pr, Nd). <i>Inorganic Chemistry</i> , 2005 , 44, 2639-46	5.1	64
520	Photoredox-Assisted Reductive Cross-Coupling: Mechanistic Insight into Catalytic Aryl-Alkyl Cross-Couplings. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1996-2003	4.2	63
519	Dinuclear complexes containing linear M-F-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. <i>Inorganic Chemistry</i> , 2012 , 51, 11820-36	5.1	63
518	Bimetallic cluster complexes: the synthesis, structures, and bonding of ruthenium carbonyl cluster complexes containing palladium and platinum with the bulky tri-tert-butyl-phosphine ligand. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5253-67	16.4	62
517	Preparation and characterization of novel inorganic-organic hybrid materials containing rare, mixed-halide anions of bismuth(III). <i>Inorganic Chemistry</i> , 2004 , 43, 7042-9	5.1	61
516	Structurally adaptive multitopic ligands containing tris(pyrazolyl)methane units as supramolecular synthons: manganese carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2003 , 666, 87-101	2.3	60
515	Synthesis and Structural Characterization of a Bitopic Ferrocenyl-Linked Bis(pyrazolyl)methane Ligand and Its Silver(I) Coordination Polymers. <i>Organometallics</i> , 2003 , 22, 4973-4983	3.8	60
514	EuKNaTaO ₅ : crystal growth, structure and photoluminescence property. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4202-3	16.4	59
513	Spontaneously resolved chiral three-fold interpenetrating diamondoidlike Cu(II) coordination polymers with temperature-driven crystal-to-crystal transformation. <i>Inorganic Chemistry</i> , 2005 , 44, 6143-51	5.1	59
512	New 3D bismuth-oxo coordination polymers containing terephthalate-based ligands: observation of Bi ₂ O ₂ -layer and Bi ₄ O ₃ -chain motifs. <i>CrystEngComm</i> , 2011 , 13, 426-429	3.3	58
511	Synthesis and Characterization of 1,12-Bis(ferrocenyl)-1,3,5,7,9,11-dodecahexayne and Its Coordination to Triosmium and Dicobalt Carbonyls. <i>Organometallics</i> , 2002 , 21, 3867-3872	3.8	58
510	Synthesis and Characterization of New Coordination Polymers Generated from Triazole-Containing Organic Ligands and Inorganic Ag(I) Salts. <i>Crystal Growth and Design</i> , 2005 , 5, 789-800	3.5	57
509	New Coordination Polymers and Supramolecular Complexes Generated from Oxadiazole-Containing Organic Ligands and Inorganic M(II) (M = Zn and Cu) Salts. <i>Chemistry of Materials</i> , 2003 , 15, 2593-2604	9.6	57
508	Supramolecular architecture of a silver(I) coordination polymer supported by a new ligand containing four Tris(pyrazolyl)methane units. <i>Inorganic Chemistry</i> , 2001 , 40, 6545-6	5.1	57
507	Remarkable dynamical opening and closing of platinum and palladium pentaruthenium carbido carbonyl cluster complexes. <i>Inorganic Chemistry</i> , 2003 , 42, 2094-101	5.1	56
506	Comprehensive experimental study of N-heterocyclic π -stacking interactions of neutral and cationic pyridines. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5303-13	4.2	55

505	Non-interpenetrated square-grid coordination polymers synthesized using an extremely long N,N'-type ligand. <i>Inorganic Chemistry</i> , 2005 , 44, 8762-9	5.1	55
504	Influences of changes in multitopic tris(pyrazolyl)methane ligand topology on silver(I) supramolecular structures. <i>Inorganic Chemistry</i> , 2003 , 42, 3751-64	5.1	55
503	Structural diversity in the Cu(pyrazinecarboxylate) ₂ /CdCl ₂ system: new one-, two- and three-dimensional mixed metal coordination polymers. <i>Dalton Transactions</i> , 2003 , 1245-1250	4.3	55
502	Bitopic Phenylene-Linked Bis(pyrazolyl)methane Ligands: Preparation and Supramolecular Structures of Hetero- and Homobimetallic Complexes Incorporating Organoplatinum(II) and Tricarbonylrhenium(I) Centers. <i>Organometallics</i> , 2005 , 24, 1544-1555	3.8	54
501	High nuclearity ruthenium-tin clusters from the reactions of triphenylstannane with pentaruthenium carbonyl carbido cluster complexes. <i>Inorganic Chemistry</i> , 2002 , 41, 5593-601	5.1	54
500	Connecting Wires: Photoinduced Electronic Structure Modulation in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5350-5358	16.4	53
499	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 Na ₄ MU ₆ F ₃₀ (M = Mn ²⁺ , Co ²⁺ , Ni ²⁺ , Cu ²⁺ , and Zn ²⁺) crystal growth, structures, and magnetic properties. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3955-63	16.4	52
498	Structures and luminescent properties of new uranyl-based hybrid materials. <i>Solid State Sciences</i> , 2011 , 13, 1344-1353	3.4	52
497	Metallacycles of iron, zinc, and cadmium assembled by polytopic bis(pyrazolyl)methane ligands and fluoride abstraction from BF ₄ ⁻ . <i>Inorganic Chemistry</i> , 2006 , 45, 10088-97	5.1	52
496	Synthesis and characterization of new coordination polymers generated from oxadiazole-containing ligand and inorganic M(II) [M = Cu(II), Co(II)] salts. <i>Dalton Transactions</i> , 2003 , 1472-1479	4.3	52
495	Tuning the coordination geometry of silver in bis(pyrazolyl)alkane complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 3825-32	5.1	51
494	A three-dimensional, noninterpenetrating metal-organic framework with the moganite topology: a simple (4(2)×6(2)×8(2))(4×6(4)×8(2)) net containing two kinds of topologically nonequivalent points. <i>Inorganic Chemistry</i> , 2004 , 43, 6881-3	5.1	51
493	Crystal growth, observation, and characterization of the low-temperature structure of the fluorite-related ruthenates: Sm(3)RuO(7) and Eu(3)RuO(7). <i>Inorganic Chemistry</i> , 2004 , 43, 4254-61	5.1	51
492	Solid-state structural and magnetic investigations of [M[HC(3,5-Me(2)pz)(3)](2)](BF(4))(2) (M = Fe, Co, Ni, Cu): observation of a thermally induced solid-state phase change controlling an iron(II) spin-state crossover. <i>Inorganic Chemistry</i> , 2002 , 41, 4453-60	5.1	51
491	Metal- and Ligand-Centered Reactivity of meta-Carboranyl-Backbone Pincer Complexes of Rhodium. <i>Organometallics</i> , 2016 , 35, 106-112	3.8	50
490	Syntheses and crystal structures of several novel alkylammonium iodobismuthate materials containing the 1,3-bis-(4-piperidinium)propane cation. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 3529-3540	3.3	50
489	Directional control of pi-stacked building blocks for crystal engineering: the 1,8-naphthalimide synthon. <i>Chemical Communications</i> , 2005 , 4068-70	5.8	50
488	[Ru(2,2'-bipy)3]2[Bi4I16]: A bimetallic inorganic-organic complex consisting of a d-metal coordination cation and a polynuclear iodobismuthate anion. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 684-688	3.1	50

- 487 A Bio-inspired Approach for Chromophore Communication: Ligand-to-Ligand and Host-to-Guest Energy Transfer in Hybrid Crystalline Scaffolds. *Angewandte Chemie - International Edition*, **2015**, 54, 13639-43 16.4 49
- 486 Metal Complexes of 2,6-Bis[(pyrazol-1-yl)methyl]pyridine: The Search for Aryl-Pyrazolyl Embrace Interactions as a Synthon for Crystal Engineering. *Crystal Growth and Design*, **2005**, 5, 1181-1190 3.5 49
- 485 Distance-Dependent Attractive and Repulsive Interactions of Bulky Alkyl Groups. *Angewandte Chemie - International Edition*, **2016**, 55, 8086-9 16.4 49
- 484 Structural Diversity of Metal-Organic Materials Containing Bismuth(III) and Pyridine-2,5-Dicarboxylate. *Crystal Growth and Design*, **2011**, 11, 4449-4457 3.5 48
- 483 Conformational and electronic engineering of twisted diphenylacetylenes. *Organic Letters*, **2003**, 5, 3951-4 16.4 48
- 482 Structures and Electrocommunication between Ferrocenyl Groups in Osmium Cluster Complexes of 1,8-Bis(ferrocenyl)octatetrayne. *Organometallics*, **2001**, 20, 5225-5232 3.8 48
- 481 Synthesis and magnetic properties of the double perovskites. *Journal of Solid State Chemistry*, **2004**, 177, 3560-3567 3.3 47
- 480 Supramolecular structure of {C₆H₂[CH₂OCH₂C(pz)₃]₄[Mn(CO)₃]₄}(BF₄)₄ based on tetrametallic organometallic building blocks constructed from a multitopic tris(pyrazolyl)methane ligand. *Dalton Transactions RSC*, **2002**, 476-477 47
- 479 Stabilizing Fluorine- π Interactions. *Angewandte Chemie - International Edition*, **2017**, 56, 7209-7212 16.4 46
- 478 Janus scorpionates: supramolecular tectons for the directed assembly of hard-soft alkali metalopolymer chains. *Inorganic Chemistry*, **2006**, 45, 10998-1007 5.1 46
- 477 Rapid reversible borane to boryl hydride exchange by metal shuttling on the carborane cluster surface. *Chemical Science*, **2017**, 8, 5399-5407 9.4 45
- 476 Copper(II) carboxylate tetramers formed from an enantiopure ligand containing a π -stacking supramolecular synthon: single-crystal to single-crystal enantioselective ligand exchange. *Chemical Communications*, **2011**, 47, 2805-7 5.8 45
- 475 Examination of the structural features that favor the columnar self-assembly of bis-urea macrocycles. *Journal of Organic Chemistry*, **2009**, 74, 102-10 4.2 45
- 474 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 3.4 45
- 473 Crystal growth, structural transitions, and magnetic properties of the fluorite-related osmates: Sm₃OsO₇, Eu₃OsO₇, and Gd₃OsO₇. *Inorganic Chemistry*, **2005**, 44, 7047-55 5.1 45
- 472 Novel organic-inorganic composite coordination polymers generated from new multidentate Schiff-base ligand and Ag(I) salts. *Chemical Communications*, **2004**, 220-1 5.8 45
- 471 Connecting small ligands to generate large tubular metal-organic architectures. *Journal of Solid State Chemistry*, **2005**, 178, 2511-2518 3.3 45
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- 1 A complex mayenite-type strontium oxy-chloride exhibiting three-component site mixing: $\text{Sr}_{12}\text{Al}_{3.44}\text{Fe}_{8.16}\text{Ge}_{2.38}\text{O}_{32}\text{Cl}_{4.34}$. *Journal of Solid State Chemistry*, **2022**, 313, 123285 33