

# Mark D Smith

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

594  
papers

17,652  
citations

66  
h-index

96  
g-index

681  
ext. papers

18,780  
ext. citations

5.3  
avg, IF

6.75  
L-index

#	Paper	IF	Citations
594	Selective Loading of Xylene Isomers in Self-Assembled Triphenylamine bis-Urea Macrocycles. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 1017-1023	3.5	0
593	C≡C coupling of ethyne to the carbido ligand in products from reactions with Ru <sub>5</sub> (BC)(CO) <sub>15</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 961, 122262	2.3	0
592	Luminescence and Scintillation of [NbOF]-Dimer-Containing Oxide-Fluorides: Cs(NbOF)F, CsK(NbOF)F, and Cs(NbOF)Cl. <i>Inorganic Chemistry</i> , <b>2022</b> ,	5.1	2
591	A complex mayenite-type strontium oxy-chloride exhibiting three-component site mixing: Sr <sub>12</sub> Al <sub>3.44</sub> Fe <sub>8.16</sub> Ge <sub>2.38</sub> O <sub>32</sub> Cl <sub>4.34</sub> . <i>Journal of Solid State Chemistry</i> , <b>2022</b> , 313, 123285	3.3	
590	A MOF Multifunctional Cargo Vehicle for Reactive Gas Delivery and Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	3
589	Assembled triphenylamine -urea macrocycles: exploring photodriven electron transfer from host to guests. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 23953-23960	3.6	2
588	Synthesis of Hydrated Ternary Lanthanide-Containing Chlorides Exhibiting X-ray Scintillation and Luminescence. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 15371-15382	5.1	1
587	Bimetallic Ru-Pd and Trimetallic Ru-Pd-Cu Assemblies on the Carborane Cluster Surface. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 16911-16916	5.1	
586	Hydrothermal Synthesis and Structural Investigation of a Crystalline Uranyl Borosilicate. <i>Inorganics</i> , <b>2021</b> , 9, 25	2.9	2
585	Multi-dimensional copper(I) and silver (I) coordination polymers assembled with a pyridyl bis-urea macrocyclic ligand. <i>Polyhedron</i> , <b>2021</b> , 201, 115170	2.7	
584	Metal-Free Bond Activation by Carboranyl Diphosphines. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 10842-10846	16.4	0
583	Synthesis and Crystal Structure of a 6H Hexagonal Fluoro-Perovskite: RbMgF <sub>3</sub> . <i>Journal of Chemical Crystallography</i> , <b>2021</b> , 51, 9-13	0.5	1
582	Rb <sub>2</sub> Co <sub>1.85</sub> Ge <sub>1.15</sub> O <sub>6</sub> : The First Quaternary, Noncentrosymmetric Rubidium Cobalt Germanate. <i>Journal of Chemical Crystallography</i> , <b>2021</b> , 51, 451-456	0.5	0
581	Free three-dimensional carborane carbanions. <i>Chemical Science</i> , <b>2021</b> , 12, 10441-10447	9.4	1
580	Trends in rare earth thiophosphate syntheses: Rb <sub>3</sub> Ln(PS <sub>4</sub> ) <sub>2</sub> (Ln = La, Ce, Pr), Rb <sub>3-x</sub> NaxLn(PS <sub>4</sub> ) <sub>2</sub> (Ln = Ce, Pr; x = 0.50, 0.55), and RbEuPS <sub>4</sub> obtained by molten flux crystal growth. <i>CrystEngComm</i> , <b>2021</b> , 23, 5241-5248	3.3	1
579	From Incident Light to Persistent and Regenerable Radicals of Urea-Assembled Benzophenone Frameworks: A Structural Investigation. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 1336-1344	2.8	2
578	Heterometallic Actinide-Containing Photoresponsive Metal-Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8072-8080	16.4	13

577	Synthesis, Structures, and Transformations of Bridging and Terminally-Coordinated Trimethylammonioalkenyl Ligands in Zwitterionic Pentaruthenium Carbido Carbonyl Complexes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3781-3793	5.1	2
576	Heterometallic Actinide-Containing Photoresponsive Metal-Organic Frameworks: Dynamic and Static Tuning of Electronic Properties. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8152-8160	3.6	3
575	Flux crystal growth of cesium bismuth silicates Cs <sub>3</sub> BiSi <sub>8</sub> O <sub>19</sub> and Cs <sub>4</sub> Bi <sub>2</sub> Si <sub>8</sub> O <sub>21</sub> : Structure modification via Eu doping to yield Cs <sub>4</sub> Bi <sub>1.72</sub> Eu <sub>0.28</sub> Si <sub>8</sub> O <sub>21</sub> and alkali metal ion exchange to yield Cs <sub>0.79</sub> K <sub>2.21</sub> BiSi <sub>8</sub> O <sub>19</sub> . <i>Solid State Sciences</i> , <b>2021</b> , 118, 106637	3.4	
574	Effects of Self-Assembly on the Photogeneration of Radical Cations in Halogenated Triphenylamines. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 19991-20002	3.8	0
573	"Broken-hearted" carbon bowl electron shuttle reaction: energetics and electron coupling. <i>Chemical Science</i> , <b>2021</b> , 12, 6600-6606	9.4	1
572	Targeted crystal growth of uranium gallophosphates via the systematic exploration of the UF <sub>4</sub> ·APO <sub>4</sub> ·A <sub>2</sub> Cl (A = Cs, Rb) phase space. <i>CrystEngComm</i> , <b>2020</b> , 22, 3020-3032	3.3	4
571	New Rubidium-Containing Mixed-Metal Titanium Hollandites. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 2398-2405	3.4	3
570	Flux Crystal Growth, Crystal Structure, and Optical Properties of New Germanate Garnet CeCaMgGeO. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 91	5	
569	Polymorphism and Molten Nitrate Salt-Assisted Single Crystal to Single Crystal Ion Exchange in the Cesium Ferrogermanate Zeotype: CsFeGeO. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 9699-9709	5.1	5
568	Heterometallic multinuclear nodes directing MOF electronic behavior. <i>Chemical Science</i> , <b>2020</b> , 11, 7379-7389	3.8	5
567	Expansion of the Na M (Ln/An) F Series: Incorporation of Plutonium into a Highly Robust and Stable Framework. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 12941-12944	4.8	4
566	Small Molecule Binds with Lymphocyte Antigen 6K to Induce Cancer Cell Death. <i>Cancers</i> , <b>2020</b> , 12,	6.6	5
565	Confinement-Driven Photophysics in Cages, Covalent-Organic Frameworks, Metal-Organic Frameworks, and DNA. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 4769-4783	16.4	19
564	A Dual Threat: Redox-Activity and Electronic Structures of Well-Defined Donor-Acceptor Fullerene Covalent-Organic Materials. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6056-6062	3.6	3
563	Complex cobalt silicates and germanates crystallizing in a porous three-dimensional framework structure. <i>CrystEngComm</i> , <b>2020</b> , 22, 1112-1119	3.3	5
562	A Dual Threat: Redox-Activity and Electronic Structures of Well-Defined Donor-Acceptor Fullerene Covalent-Organic Materials. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6000-6006	16.4	11
561	Bis-Cyclometalated Iridium Complexes Containing 4,4'-Bis(phosphonomethyl)-2,2'-bipyridine Ligands: Photophysics, Electrochemistry, and High-Voltage Dye-Sensitized Solar Cells. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6351-6358	5.1	10
560	Flux Crystal Growth, Structure, and Optical Properties of the New Germanium Oxysulfide La <sub>4</sub> (GeS <sub>2</sub> O <sub>2</sub> ) <sub>3</sub> . <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4054-4061	3.5	1

- 559 Salt-flux synthesis, crystal structure and theoretical characterization of Rb<sub>0.74</sub>Ga<sub>6.62</sub>TiO<sub>3</sub>B<sub>8</sub>O<sub>11</sub>. *Solid State Sciences*, **2020**, 109, 106394 3-4
- 558 New germanate and mixed cobalt germanate salt inclusion materials: [(Rb<sub>6</sub>F)(Rb<sub>4</sub>F)][Ge<sub>14</sub>O<sub>32</sub>] and [(Rb<sub>6</sub>F)(Rb<sub>3.1</sub>Co<sub>0.9</sub>F<sub>0.96</sub>)] [Co<sub>3.8</sub>Ge<sub>10.2</sub>O<sub>30</sub>F<sub>2</sub>]. *CrystEngComm*, **2020**, 22, 8072-8080 3-3 3
- 557 Zwitterionic Ammoniumalkenyl Ligands in Metal Cluster Complexes. Synthesis, Structures, and Transformations of Zwitterionic Trimethylammoniumalkenyl Ligands in Hexaruthenium Carbido Carbonyl Complexes. *Inorganic Chemistry*, **2020**, 59, 1513-1521 5-1 2
- 556 Guest Inclusion Modulates Concentration and Persistence of Photogenerated Radicals in Assembled Triphenylamine Macrocycles. *Journal of the American Chemical Society*, **2020**, 142, 502-511 16.4 14
- 555 Hydrothermal synthesis and properties of MMF<sub>5</sub>(H<sub>2</sub>O)<sub>7</sub> (M = Co<sup>2+</sup> and Ni<sup>2+</sup>, M = Mn<sup>3+</sup>, Ga<sup>3+</sup>, and In<sup>3+</sup>). *Solid State Sciences*, **2020**, 108, 106374 3-4 1
- 554 BaWOF: a mixed anion X-ray scintillator with excellent photoluminescence quantum efficiency. *Dalton Transactions*, **2020**, 49, 10734-10739 4-3 4
- 553 "Boarding-Up": Radiation Damage and Radionuclide Leaching Kinetics in Linker-Capped Metal-Organic Frameworks. *Inorganic Chemistry*, **2020**, 59, 179-183 5-1 13
- 552 Crystal Growth of Alkali Uranyl Borates from Molten Salt Fluxes: Characterization and Ion Exchange Behavior of A(UO)<sub>2</sub>BO (A = Cs, Rb, K). *Inorganic Chemistry*, **2020**, 59, 6449-6459 5-1 4
- 551 Interplay between Hydrogen and Halogen Bonding in Cocrystals of Dipyridinylmethyl Oxalamides and Tetrafluorodiodobenzenes. *Crystal Growth and Design*, **2019**, 19, 5776-5783 3-5 3
- 550 Mild Hydrothermal Synthesis of the Complex Hafnium-Containing Fluorides Cs[M(HO)][HfF] (M = Ni, Co, Zn), CuHfF(HO), and CsHfMnF Based on HfF and HfF Coordination Polyhedra. *Inorganic Chemistry*, **2019**, 58, 13049-13057 5-1 8
- 549 The activation and transformations of vinyl acetate at a dirhenium carbonyl center. *Journal of Organometallic Chemistry*, **2019**, 902, 120969 2-3 3
- 548 UV-irradiation of self-assembled triphenylamines affords persistent and regenerable radicals. *Chemical Science*, **2019**, 10, 2670-2677 9-4 14
- 547 Selective Activation of CH Bonds in Polar Vinyl Olefins and Coupling of Ethylene to the Activated Carbon Atoms in Pentaruthenium Complexes. *Inorganic Chemistry*, **2019**, 58, 8357-8368 5-1 6
- 546 Molten Alkali Halide Flux Growth of an Extensive Family of Noncentrosymmetric Rare Earth Sulfides: Structure and Magnetic and Optical (SHG) Properties. *Inorganic Chemistry*, **2019**, 58, 8541-8550 5-1 11
- 545 Thermodynamics and Electronic Properties of Heterometallic Multinuclear Actinide-Containing Metal-Organic Frameworks with "Structural Memory". *Journal of the American Chemical Society*, **2019**, 141, 11628-11640 16.4 42
- 544 Targeted Synthesis of Uranium(IV) Thiosilicates. *Inorganic Chemistry*, **2019**, 58, 8275-8278 5-1 3
- 543 A Molecular/Heterogeneous Nickel Catalyst for Suzuki-Miyaura Coupling. *Organometallics*, **2019**, 38, 2007-2014 3-8 12
- 542 Single-crystal-to-single-crystal guest exchange in columnar assembled brominated triphenylamine bis-urea macrocycles. *Chemical Communications*, **2019**, 55, 5619-5622 5-8 16

541	Connecting Wires: Photoinduced Electronic Structure Modulation in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5350-5358	16.4	53
540	Activation of Heteroaromatic C-H Bonds in Furan and 2,5-Dimethylfuran. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 6008-6015	5.1	5
539	Reaction of a ruthenium B-carboranyl hydride complex and BH <sub>3</sub> (SMe <sub>2</sub> ): Selective formation of a pincer-supported metallaborane LRu(B <sub>3</sub> H <sub>8</sub> ). <i>Tetrahedron</i> , <b>2019</b> , 75, 1471-1474	2.4	3
538	Multiple C-H Bond Activations in Corannulene by a Dirhenium Complex. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 4234-4239	4.8	3
537	One-Dimensional Quaternary and Pentenary Alkali Rare Earth Thiophosphates Obtained via Alkali Halide Flux Crystal Growth. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5648-5657	3.5	4
536	Electrostatically Driven CO- $\pi$ Aromatic Interactions. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12513-12517	16.4	19
535	C $\equiv$ C coupling of CH activated polar vinyl monomers by a pentaruthenium cluster complex. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 901, 120938	2.3	2
534	Flux Crystal Growth of Lanthanide Tungsten Oxychlorides, LaWOCl, CeWOCl, and LnWOCl (Ln = Pr, Nd): Structural Stability in the Presence of Extreme Cation and Anion Disorder. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 16831-16837	5.1	1
533	Rare earth silicates and germanates crystallizing in the wadeite and related structure types. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 269, 51-55	3.3	9
532	Utilizing an In Situ Reduction in the Synthesis of BaMoOF <sub>5</sub> . <i>Journal of Chemical Crystallography</i> , <b>2019</b> , 49, 52-57	0.5	1
531	Multiple Aromatic C-H Bond Activations by an Unsaturated Dirhenium Carbonyl Complex. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 2109-2121	5.1	6
530	Flux crystal growth, structure, magnetic and optical properties of a family of alkali uranium(IV) phosphates. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 270, 19-26	3.3	2
529	An unexpected $\mu$ -oxido-bridged tetranuclear Cu(II) inverse coordination complex of a heptadentate bis(pyrazolyl)methane-based ligand: Synthesis, structure, spectroscopic properties, and catecholase activity. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 485, 190-199	2.7	6
528	Facile in-situ reduction: Crystal growth and magnetic studies of reduced vanadium (III/IV) silicates Ca <sub>x</sub> Ln <sub>1-x</sub> VSiO <sub>5</sub> (Ln = Ce, Nd, Sm, Eu, Y). <i>Journal of Solid State Chemistry</i> , <b>2018</b> , 260, 80-86	3.3	2
527	Unusual Coexistence of Nickel(II) and Nickel(IV) in the Quadruple Perovskite BaNi <sub>2</sub> IrO <sub>6</sub> Containing IrNiO Mixed-Metal-Cation Trimers. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2973-2976	5.1	5
526	Thioureas and Squaramides: Comparison with Ureas as Assembly Directing Motifs for m-Xylene Macrocyclus. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 1605-1612	3.5	8
525	Expansion of the (BB) <sub>2</sub> metallacycle with coinage metal cations: formation of B-M-Ru-B (M = Cu, Ag, Au) dimetalacyclodiboryls. <i>Chemical Science</i> , <b>2018</b> , 9, 2601-2608	9.4	24
524	[Co(H <sub>2</sub> O) <sub>6</sub> ] <sub>3</sub> [U <sub>2</sub> O <sub>4</sub> F <sub>7</sub> ] <sub>2</sub> : A Model System for Understanding the Formation of Dimensionally Reduced Materials. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 1236-1244	3.5	6

523	In Situ Neutron Diffraction Studies of the Flux Crystal Growth of the Reduced Molybdates La <sub>4</sub> Mo <sub>2</sub> O <sub>11</sub> and Ce <sub>4</sub> Mo <sub>2</sub> O <sub>11</sub> : Revealing Unexpected Mixed-Valent Transient Intermediates and Determining the Sequence of Events during Crystal Growth. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 1187-1197	9.6	12
522	Magnetic and thermal behavior of a family of compositionally related zero-dimensional fluorides. <i>Solid State Sciences</i> , <b>2018</b> , 81, 19-25	3.4	2
521	Multiple cluster CH activations and transformations of furan by triosmium carbonyl complexes. <i>Chemical Communications</i> , <b>2018</b> , 54, 3464-3467	5.8	7
520	Second generation O-alkyldithiocarbonates: Easy access to a new class of metalloligands. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 475, 161-171	2.7	4
519	Breaking a Paradigm: Observation of Magnetic Order in the Purple U(IV) Phosphite: U(HPO). <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 9851-9858	5.1	4
518	Stack the Bowls: Tailoring the Electronic Structure of Corannulene-Integrated Crystalline Materials. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11480-11485	3.6	5
517	Stack the Bowls: Tailoring the Electronic Structure of Corannulene-Integrated Crystalline Materials. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11310-11315	16.4	24
516	Ba <sub>3</sub> Na(OH) <sub>3</sub> (CO <sub>3</sub> ) <sub>2</sub> : A Non-centrosymmetric Hydroxycarbonate Crystallized Using the Hydroflux Method. <i>Journal of Chemical Crystallography</i> , <b>2018</b> , 48, 103-108	0.5	
515	A Family of A-Site Cation-Deficient Double-Perovskite-Related Iridates: LnSrIrO (Ln = La, Pr, Nd, Sm). <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7797-7804	5.1	0
514	Sterically encumbered dianionic dicarboranyl pincer ligand (C <sub>5</sub> H <sub>3</sub> N)(C <sub>2</sub> B <sub>10</sub> H <sub>11</sub> ) <sub>2</sub> and its CNC Nickel(II) complex. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 867, 208-213	2.3	6
513	Synergistic effects of hydrogen and halogen bonding in co-crystals of dipyritylureas and diiodotetrafluorobenzenes. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 315-327	1.8	9
512	Synthesis and properties of tetracyanoquinodimethane derivatives. <i>Heterocyclic Communications</i> , <b>2018</b> , 24, 249-254	1.7	1
511	Tipping the Balance between S- and O-Interactions. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13301-13307	16.4	15
510	Versatile Uranyl Germanate Framework Hosting 12 Different Alkali Halide 1D Salt Inclusions. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11606-11615	5.1	23
509	Enhancing the Stability of Photogenerated Benzophenone Triplet Radical Pairs through Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13064-13070	16.4	11
508	Imido Group Interchange in Reactions of Zwitterionic Tantalum(V) Vinylimido Complexes and Nitriles. <i>Organometallics</i> , <b>2018</b> , 37, 2945-2949	3.8	4
507	Temperature-induced pseudopolymorphism of molecular salts from a pyridyl bis-urea macrocycle and naphthalene-1,5-disulfonic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 75-81	0.8	1
506	Flipping the Switch: Fast Photoisomerization in a Confined Environment. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7611-7622	16.4	76

505	BaFeIrO: A Polar Semiconducting Triple Perovskite with Near Room Temperature Magnetic Ordering. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7362-7371	5.1	5
504	Substituent-Directed Activation of CH Bonds in Activated Olefins by Ru5( $\mu$ 5-C)(CO)15. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2984-2986	2.3	5
503	Flux versus Hydrothermal Growth: Polymorphism of A(UO)SiO (A = Rb, Cs). <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 1053-1056	5.1	16
502	Photoredox-Assisted Reductive Cross-Coupling: Mechanistic Insight into Catalytic Aryl-Alkyl Cross-Couplings. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1996-2003	4.2	63
501	Application of a mild hydrothermal method to the synthesis of mixed transition-metal(II)/uranium(IV) fluorides. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 368-377	6.8	12
500	Dinuclear Metallacycles with Single M-X-M Bridges (X = Cl, Br; M = Fe(II), Co(II), Ni(II), Cu(II), Zn(II), Cd(II)): Strong Antiferromagnetic Superexchange Interactions. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 2884-2901	5.1	15
499	Crystal Growth and Structure Analysis of CeWO: A Complex Oxide Containing Tungsten in an Unusual Trigonal Prismatic Coordination Environment. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 2566-2575	5.1	10
498	A fresnoite-structure-related mixed valent titanium(III/IV) chlorosilicate, Ba3Ti2Si4O14Cl: A flux crystal growth route to Ti(III) containing oxides. <i>Journal of Solid State Chemistry</i> , <b>2017</b> , 250, 128-133	3.3	8
497	One-step mild hydrothermal method to prepare low valent sodium vanadium(III) monohydrogenphosphate: NaV(HPO4)2. <i>Solid State Sciences</i> , <b>2017</b> , 69, 1-6	3.4	4
496	Stabilizing Fluorine-Interactions. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7315-7318	3.6	11
495	Stabilizing Fluorine-Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7209-7212	16.4	46
494	Supercritical synthesis and topological analysis of K5U5O17(OH). <i>CrystEngComm</i> , <b>2017</b> , 19, 3499-3505	3.3	2
493	A metal-organic framework as a flask: photophysics of confined chromophores with a benzylidene imidazolinone core. <i>Chemical Communications</i> , <b>2017</b> , 53, 7361-7364	5.8	17
492	Rapid reversible borane to boryl hydride exchange by metal shuttling on the carborane cluster surface. <i>Chemical Science</i> , <b>2017</b> , 8, 5399-5407	9.4	45
491	Hierarchical Corannulene-Based Materials: Energy Transfer and Solid-State Photophysics. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4596-4600	3.6	10
490	Hierarchical Corannulene-Based Materials: Energy Transfer and Solid-State Photophysics. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4525-4529	16.4	26
489	BaFe4O7 and K0.22Ba0.89Fe4O7: Canted Antiferromagnetic Diferrites with Exceptionally High Magnetic Ordering Temperatures. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 2689-2693	9.6	11
488	Pillars of assembled pyridyl bis-urea macrocycles: a robust synthon to organize diiodotetrafluorobenzenes. <i>CrystEngComm</i> , <b>2017</b> , 19, 484-491	3.3	8

487	Multifaceted Modularity: A Key for Stepwise Building of Hierarchical Complexity in Actinide Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 16852-16861	16.4	83
486	Activation of C-H Bonds of Alkyl- and Arylnitriles by the TaCl-PPH Lewis Pair. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11798-11803	5.1	11
485	POBOP pincer complexes of nickel(II): Synthesis and BH activation of the carborane ligand upon oxidation with iodine. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 829, 42-47	2.3	18
484	Understanding Internal Chirality Induction of Triarylsilyl Ethers Formed from Enantiopure Alcohols. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 8187-93	4.2	19
483	(BB)-Carboryne Complex of Ruthenium: Synthesis by Double B-H Activation at a Single Metal Center. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 10531-8	16.4	89
482	Reversible water activation driven by contraction and expansion of a 12-vertex-closo-12-vertex-nido biscarborane cluster. <i>Chemical Communications</i> , <b>2016</b> , 52, 12710-12713	5.8	10
481	Synthesis of a Ferrolite: A Zeolitic All-Iron Framework. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13389-13393	3.6	1
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174	Tris(ethylenediamine)cobalt(III) nonaiododibismuthate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, m1531-m1533		7
173	Tris(1,10-phenanthroline)cobalt(II) triiodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, m1680-m1681		6
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171	Assembled Columnar Structures from bis-urea Macrocycles. <i>Supramolecular Chemistry</i> , <b>2005</b> , 17, 27-30	1.8	25
170	The crystal growth and characterization of the lanthanide-containing double perovskites Ln <sub>2</sub> NalrO <sub>6</sub> (Ln=La, Pr, Nd). <i>Solid State Sciences</i> , <b>2004</b> , 6, 413-417	3.4	44
169	Crystal structure and characterization of [Co(saccharinate) <sub>2</sub> (L <sub>1</sub> )(H <sub>2</sub> O) <sub>2</sub> ] <sub>n</sub> solvate: A new microporous coordination polymer generated from 1,4-bis(3-pyridyl)-2,3-diaza-1,3-butadiene (L <sub>1</sub> ) and [Co(saccharinate) <sub>2</sub> (H <sub>2</sub> O)] <sub>2</sub> H <sub>2</sub> O. <i>Journal of Chemical Crystallography</i> , <b>2004</b> , 34, 299-306	0.5	8
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161	Crystal growth of new perovskite and perovskite related iridates: Ba <sub>3</sub> Lir <sub>2</sub> O <sub>9</sub> , Ba <sub>3</sub> Nalr <sub>2</sub> O <sub>9</sub> , and Ba <sub>3</sub> .44K1.56Ir <sub>2</sub> O <sub>10</sub> . <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 1493-1500	3.3	38
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155	Tuning the coordination geometry of silver in bis(pyrazolyl)alkane complexes. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 3825-32	5.1	51
154	Novel organic-inorganic composite coordination polymers generated from new multidentate Schiff-base ligand and Ag(I) salts. <i>Chemical Communications</i> , <b>2004</b> , 220-1	5.8	45
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138	Crystal growth of new strontium iron rhodium oxides: Sr <sub>4</sub> Fe <sub>0.73</sub> Rh <sub>2.27</sub> O <sub>9</sub> and SrFe <sub>0.71</sub> Rh <sub>0.29</sub> O <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 377, 91-97	5.7	13
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72	Solid-state structural and magnetic investigations of $[M[HC(3,5-Me_2pz)_3](2)](BF_4)(2)$ (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> , <b>2002</b> , 41, 4453-60	5.1	51
71	Solid-phase synthesis of beta-mannosides. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 8867-9	16.4	94
70	Lewis acid-base interactions between metal atoms and their applications for the synthesis of bimetallic cluster complexes. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 5628-9	16.4	40
69	A chiral 28-membered macrocycle with symmetry and structure similar to that of trans-cyclooctene. <i>Organic Letters</i> , <b>2002</b> , 4, 723-6	6.2	12
68	Disulfides of manganese carbonyl. Synthesis of $Mn_2(CO)_7(\mu-S_2)$ and its reactions with tertiary phosphines and arsines. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6281-90	5.1	25
67	Quinoline-Containing, Conjugated Poly(aryleneethynylene)s: Novel Metal and H <sup>+</sup> -Responsive Materials. <i>Macromolecules</i> , <b>2002</b> , 35, 1563-1568	5.5	72
66	Reactions of thioethers with $Mn_2(CO)_7(\mu-S_2)$ proceed with CO displacement and insertion of the sulfur atom into the Mn-Mn bond. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5525-9	5.1	21
65	Multiple reactions of triphenylstannane with $Ru_5(CO)_{12}(C_6H_6)(\mu_5-C)$ yield bimetallic clusters with unusually large numbers of tin ligands. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 2302-3	5.1	44
64	$[Ag_2(C_{33}H_{26}N_2O_2)(H_2O)_2(SO_3CF_3)_2] \cdot 0.5C_6H_6$ : a luminescent supramolecular silver(I) complex based on metal-carbon and metal-heteroatom interactions. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 4909-14	5.1	100
63	Insertion of Cyclopentadienylmetal Groups into the S-S Bond of $Mn_2(CO)_7(\mu-S_2)$ . <i>Organometallics</i> , <b>2002</b> , 21, 1960-1965	3.8	40
62	Organometallic dendrimers based on (tetraphenylcyclobutadiene)cyclopentadienylcobalt modules. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 8661-6	16.4	36
61	Syntheses and solid state structures of tris(pyrazolyl)methane complexes of sodium, potassium, calcium, and strontium: comparison of structures with analogous complexes of lead(II). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 19-27	5.1	38
60	Insertion of a bis(phosphine)platinum group into the S-S bond of $Mn_2(CO)_7(\mu-S_2)$ . <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 1658-61	5.1	35
59	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> , <b>2002</b> , 41, 4895-903	5.1	65
58	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> , <b>2002</b> , 124, 13877-85	16.4	69
57	Synthesis and explosive decomposition of organometallic dehydro[18]annulenes: an access to carbon nanostructures. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13814-8	16.4	87
56	<sup>67</sup> Zn solid-state and single-crystal NMR spectroscopy and X-ray crystal structure of zinc formate dihydrate. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 410-4	16.4	37

55	Reactions of Os <sub>3</sub> (CO) <sub>10</sub> (H) <sub>2</sub> with 1,8-Bis(ferrocenyl)octatetrayne Yield Products Involving Cyclizations and Trans-Hydrogenation of Alkyne Groups. <i>Organometallics</i> , <b>2002</b> , 21, 4847-4852	3.8	33
54	[Cu(pyrazine-2-carboxylate) <sub>2</sub> ] <sub>2</sub> Cd <sub>4</sub> I <sub>8</sub> : unprecedented 1-D serpentine inorganic chains and regular 2-D metal-organic square grids in a 3-D framework. <i>Chemical Communications</i> , <b>2002</b> , 74-5	5.8	69
53	Supramolecular structure of {C <sub>6</sub> H <sub>2</sub> [CH <sub>2</sub> OCH <sub>2</sub> C(pz) <sub>3</sub> ] <sub>4</sub> [Mn(CO) <sub>3</sub> ] <sub>4</sub> }(BF <sub>4</sub> ) <sub>4</sub> based on tetrametallic organometallic building blocks constructed from a multitopic tris(pyrazolyl)methane ligand. <i>Dalton Transactions RSC</i> , <b>2002</b> , 476-477		47
52	Crystal growth, structure determination and magnetic properties of Ba <sub>4</sub> Ir <sub>3</sub> O <sub>10</sub> and Ba <sub>4</sub> (Co <sub>0.4</sub> Ir <sub>0.6</sub> )Ir <sub>2</sub> O <sub>10</sub> . <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 338, 104-111	5.7	17
51	Sr <sub>3</sub> ZnPtO <sub>6</sub> and Sr <sub>3</sub> CdPtO <sub>6</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 337-8		7
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49	A new packing variant of catena-poly[[aquachlorocopper(II)]-μ-pyrazine-2-carboxylato-O,N:N']. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2001</b> , 57, 1376-7		2
48	An axially chiral phosphine ligand based on restricted rotation in N-arylimides. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 7185-7187	2	38
47	A comparison of ferrocenyl carbenium/non-carbenium structures in isomeric osmium cluster complexes obtained from the reaction of bis-ferrocenylbutadiyne with Os <sub>3</sub> (CO) <sub>10</sub> (Epy)(H). <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 637-639, 514-520	2.3	12
46	Concave Butterfly-Shaped Organometallic Hydrocarbons?. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 1508-1511	3.6	9
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