

# Matthias Zeller

## List of Publications by Year in descending order

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696  
papers

14,341  
citations

28190

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48187

88  
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725  
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725  
docs citations

725  
times ranked

15283  
citing authors

#	ARTICLE	IF	CITATIONS
1	1,5-Diaminotetrazole-4-oxide (SYX-9): a new high-performing energetic material with a calculated detonation velocity over 10 km s <sup>-1</sup> . Journal of Materials Chemistry A, 2022, 10, 1876-1884.	5.2	21
2	Dimensional Control over Metal Halide Perovskite Crystallization Guided by Active Learning. Chemistry of Materials, 2022, 34, 756-767.	3.2	13
3	Tribenzyl(methyl)ammonium: A Versatile Counterion for the Crystallization of Nanojars with Incarcerated Selenite and Phosphite Ions and Tethered Pyrazole Ligands. Crystal Growth and Design, 2022, 22, 1398-1411.	1.4	6
4	Lanthanide Complexes with 4,4'-Bis(2-sulfonatostyryl)biphenyl: Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	1
5	Synthetically Tunable White-, Green-, and Yellow-Green-Light Emission in Dual-Luminescent Gold(I) Complexes Bearing a Diphenylamino-2,7-fluorenyl Moiety. Inorganic Chemistry, 2022, 61, 1228-1235.	1.9	10
6	An orthorhombic polymorph of 2-(1,3,5-dithiazinan-5-yl)ethanol or MEA-dithiazine. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 191-197.	0.2	0
7	Bis[3-(anthracen-9-yl)pentane-2,4-dionato <sup>2-</sup> ]( <i>N,N</i> -dimethylformamide- <i>O</i> )[tris(pyrazol-1-yl) <i>N</i> ] Tj ETQq1 1 0.784314 rgBT / Overlaid Communications, 2022, 78, 103-107.	0.2	0
8	Chlorocobalt complexes with pyridylethyl-derived diazacycloalkanes. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 235-243.	0.2	0
9	Conversion of Uranium(III) Anilido Complexes to Uranium(IV) Imido Complexes via Hydrogen Atom Transfer. Organometallics, 2022, 41, 606-616.	1.1	6
10	Type Strains of Entomopathogenic Nematode-Symbiotic Bacterium Species, Xenorhabdus szentirmaii (EMC) and X. budapestensis (EMA), Are Exceptional Sources of Non-Ribosomal Templated, Large-Target-Spectral, Thermotolerant-Antimicrobial Peptides (by Both), and Iodinin (by EMC). Pathogens, 2022, 11, 342.	1.2	9
11	Crystal structure of <i>cis</i> -7,8-dihydroxy-5,10,15,20-tetraphenylchlorin and its zinc(II)-ethylenediamine complex. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 392-398.	0.2	1
12	Bis(catecholato <sup>2-</sup> )( <i>O,O'</i> )-bis(dimethyl sulfoxide- <i>O</i> )titanium(IV). Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 385-391.	0.2	0
13	An Improved Synthesis of Bromotetrazole. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	0
14	(C <sub>5</sub> H <sub>6</sub> N) <sub>2</sub> PbX <sub>5</sub> (X = Cl, Br): Hybrid Lead Halides Based on Seven-Coordinate Pb(II). Inorganic Chemistry, 2022, 61, 6530-6538.	1.9	7
15	Microwave-supported synthesis of pyridocarbazoles. Journal of Heterocyclic Chemistry, 2022, 59, 1752-1758.	1.4	1
16	Surface and Void Space Analysis of the Crystal Structures of Two Lithium Bis(pentafluoroethanesulfonyl)imide Salts. Crystals, 2022, 12, 701.	1.0	1
17	Copper(I)-Pyrazolate Complexes as Solid-State Phosphors: Deep-Blue Emission through a Remote Steric Effect. Journal of the American Chemical Society, 2022, 144, 10186-10192.	6.6	11
18	Supramolecular Incarceration and Extraction of Tetrafluoroberyllate from Water by Nanojars. Inorganic Chemistry, 2022, 61, 8611-8622.	1.9	6

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19	(Phenylidosyl)benzene tosylate dihydrate. IUCrData, 2022, 7, .	0.1	0
20	Stepwise Reduction of $\hat{\text{I}}^2$ -Trioxopyrrocorphins: Collapse of the Oxo-Induced Macrocyclic Aromaticity. Journal of Organic Chemistry, 2022, 87, 7179-7192.	1.7	2
21	Spatiotemporal Route to Understanding Metal Halide Perovskitoid Crystallization. Chemistry of Materials, 2022, 34, 5386-5396.	3.2	2
22	Energetic triazinium salts from N-amination of 3,5-diamino-6-nitro-1,2,4-triazine. Energetic Materials Frontiers, 2022, 3, 128-136.	1.3	3
23	Low-Valent Cobalt(I) CNC Pincer Complexes as Catalysts for Light-Driven Carbon Dioxide Reduction. ACS Catalysis, 2022, 12, 8718-8728.	5.5	8
24	Syntheses and Crystal Structures of a Series of Manganese-Lanthanide-Sodium 12-Metallacrown-4 Dimers. Journal of Chemical Crystallography, 2021, 51, 465-482.	0.5	3
25	The Importance of Synthetic Conditions on Manganese-Based 12-Metallacrown-4 Formation. Journal of Chemical Crystallography, 2021, 51, 205-214.	0.5	1
26	A Dinickel Catalyzed Cyclopropanation without the Formation of a Metal Carbene Intermediate. Angewandte Chemie, 2021, 133, 1925-1930.	1.6	2
27	A Dinickel Catalyzed Cyclopropanation without the Formation of a Metal Carbene Intermediate. Angewandte Chemie - International Edition, 2021, 60, 1897-1902.	7.2	14
28	Conjugated crosslinks boost the conductivity and stability of a single crystalline metal-organic framework. Chemical Communications, 2021, 57, 187-190.	2.2	10
29	Hydrogen-bonded nickel( $\text{scp}$ ) complexes. Chemical Communications, 2021, 57, 753-756.	2.2	17
30	Syntheses and Crystal Structures of Two Classes of Aluminum-Lanthanide-Sodium Heterotrimetallic 12-Metallacrown-4 Compounds: Individual Molecules and Dimers of Metallacrowns. Journal of Chemical Crystallography, 2021, 51, 372-393.	0.5	9
31	3-Methyl-1,2,3-triazolium-1N-dinitromethylide and the strategy of zwitterionic dinitromethyl groups in energetic materials design. RSC Advances, 2021, 11, 17710-17714.	1.7	3
32	Methyl sydnone imine and its energetic salts. New Journal of Chemistry, 2021, 45, 2228-2236.	1.4	6
33	Photoinduced oxidative cyclopropanation of ene-ynamides: synthesis of 3-aza[1.0]bicycles via vinyl radicals. Chemical Communications, 2021, 57, 5254-5257.	2.2	22
34	Molecular design principles of ionic liquids with a sulfonyl fluoride moiety. New Journal of Chemistry, 2021, 45, 2443-2452.	1.4	13
35	A unique series of chromium(III) mono-alkynyl complexes supported by tetraazamacrocycles. Dalton Transactions, 2021, 50, 4936-4943.	1.6	1
36	Synthesis and Characterization of the Energetic 3-Azido-5-Amino-6-Nitro-1,2,4-triazine. Propellants, Explosives, Pyrotechnics, 2021, 46, 214-221.	1.0	11

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37	Late-stage ligand functionalization <i>via</i> the Staudinger reaction using phosphine-appended 2,2'-bipyridine. <i>Chemical Communications</i> , 2021, 57, 5718-5721.	2.2	5
38	Selective binding of anions by rigidified nanojars: sulfate <i>vs.</i> carbonate. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7641-7654.	1.5	8
39	The Impact of Ligand Oxidation State and Fold Angle on the Charge Transfer Processes of Mo IV Oâ€dithione Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 914-922.	1.0	4
40	Synthesis and Characterization of Tellurium Catecholates and Their <i>N</i> -Oxide Adducts. <i>Inorganic Chemistry</i> , 2021, 60, 3460-3470.	1.9	8
41	Syntheses and Crystal Structures of a Series of Dysprosiumâ€Manganeseâ€Sodium 12-Metallacrown-4 Compounds with Halogenated Benzoate Bridging Anions. <i>Journal of Chemical Crystallography</i> , 2021, 51, 562.	0.5	1
42	Invisible Silver Guests Boost Order in a Framework That Cyclizes and Deposits Ag <sub>3</sub> Sb Nanodots. <i>Inorganic Chemistry</i> , 2021, 60, 5757-5763.	1.9	4
43	Maleate salts of bedaquiline. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 433-445.	0.2	2
44	Directing cation-cation interactions in thiamine compounds: Analysis of a series of organic salts based on vitamin B1. <i>Journal of Molecular Structure</i> , 2021, 1232, 130046.	1.8	4
45	Heterocyclic Nitrilimines and Their Use in the Synthesis of Complex High-Nitrogen Materials. <i>Inorganic Chemistry</i> , 2021, 60, 7607-7611.	1.9	12
46	Predicting inorganic dimensionality in templated metal oxides. <i>Journal of Chemical Physics</i> , 2021, 154, 184708.	1.2	6
47	Design Principles of Lipid-like Ionic Liquids for Gene Delivery. <i>ACS Applied Bio Materials</i> , 2021, 4, 4737-4743.	2.3	15
48	Energetic 1,2,4-Triazines: 3,5-Diamino-6-nitro-1,2,4-triazine and Its Oxide. <i>Crystal Growth and Design</i> , 2021, 21, 3922-3927.	1.4	14
49	Enhancing Charge Transfer in (BIMCA)Pt(II) Alkynyls through the Use of Substituted Boranes. <i>Organometallics</i> , 2021, 40, 1555-1559.	1.1	3
50	Signature of Glycylglutamic Acid Structure. <i>International Journal of Biochemistry and Biophysics</i> , 2021, 9, 8-15.	0.5	1
51	1,3,4,5-Tetraamino-1,2,4-triazolium Cation: An Energetic Moiety. <i>Inorganic Chemistry</i> , 2021, 60, 9645-9652.	1.9	9
52	Synthesis and crystal structure of 1-hydroxy-8-methyl-9 <i>H</i> -carbazole-2-carbaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 867-870.	0.2	0
53	Requirements for Late-Stage Hydroboration of Pyridine N-Heterocyclic Carbene Iron(0) Complexes: The Role of Ancillary Ligands. <i>Organometallics</i> , 2021, 40, 2658-2665.	1.1	5
54	Substrate Specific Metalâ€Ligand Cooperative Binding: Considerations for Weak Intramolecular Lewis Acid/Base Pairs. <i>Inorganic Chemistry</i> , 2021, 60, 13806-13810.	1.9	7

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55	Salts and Polymorph Screens for Bedaquiline. <i>AAPS PharmSciTech</i> , 2021, 22, 228.	1.5	8
56	Capped Nanojars: Synthesis, Solution and Solid-State Characterization, and Atmospheric CO <sub>2</sub> Sequestration by Selective Binding of Carbonate. <i>Inorganic Chemistry</i> , 2021, 60, 13479-13492.	1.9	6
57	Layered Inorganic–Organic 3,5-Dimethylpyrazole-4-Sulfonate Films for Protection of Copper Surfaces against Corrosion. <i>Crystal Growth and Design</i> , 2021, 21, 5421-5439.	1.4	2
58	Using Redox-Active Ligands to Generate Actinide Ligand Radical Species. <i>Inorganic Chemistry</i> , 2021, 60, 15242-15252.	1.9	19
59	4,4'-Dinitrimino-5,5'-diamino-3,3'-azo-bis-1,2,4-triazole: A High-Performing Zwitterionic Energetic Material. <i>Inorganic Chemistry</i> , 2021, 60, 16204-16212.	1.9	9
60	Structural and Photophysical Characterization of All Five Constitutional Isomers of the Octaethyl- $\text{P}_2\text{O}_7^{4-}$ and $\text{P}_2\text{O}_6^{4-}$ Series. <i>Chemistry - A European Journal</i> , 2021, 27, 16189-16203.	1.7	9
61	Elucidation of Thorium Redox-Active Ligand Complexes: Evidence for a Thorium-Tri(radical) Species. <i>Inorganic Chemistry</i> , 2021, 60, 14302-14309.	1.9	14
62	Structural, surface, and computational analysis of two vitamin-B1 crystals with sulfonimide-based anions. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2021, .	0.4	0
63	Examining the interactions of a thermally robust task-specific phosphonium-based ionic compound. <i>Chemical Data Collections</i> , 2021, 35, 100760.	1.1	2
64	Synthesis and characterization of trigonal bipyramidal FeIII complexes and their solution behavior. <i>Polyhedron</i> , 2021, 208, 115384.	1.0	3
65	Replacing Pyridine with Pyrazine in Molecular Cobalt Catalysts: Effects on Electrochemical Properties and Aqueous H <sub>2</sub> Generation. <i>Catalysts</i> , 2021, 11, 75.	1.6	4
66	$\text{P}_2\text{-Trioxopyrrocorphins}$ : pyrrocorphins of graded aromaticity. <i>Chemical Science</i> , 2021, 12, 12292-12301.	3.7	4
67	Synthesis of Non-Aqueous Neptunium(III) Halide Solvates from NpO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2021, 27, 18054-18057.	1.7	4
68	Structures, Multicenter $\text{H}$ -Bonding, and Spin Equilibria in the Mixed-Valence Trimers of Tetramethyltetrafulvalene Cation-Radicals. <i>Crystal Growth and Design</i> , 2021, 21, 7257-7268.	1.4	6
69	Developing Structural First Principles for Alkylated Triphenylphosphonium-Based Ionic Liquids. <i>ACS Omega</i> , 2021, 6, 32285-32296.	1.6	5
70	Crystal structure of a Tb <sup>III</sup> –Cu <sup>II</sup> glycinehydroxamate 15-metallacrown-5 sulfate complex. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 1197-1202.	0.2	0
71	On the Role of Dioxane in the Synthesis of In-Derived MOFs. <i>Crystal Growth and Design</i> , 2021, 21, 6840-6846.	1.4	2
72	Late to the Party: Synthesis and Characterization of Tellurium and Selenium Half-Sandwich Complexes. <i>Organometallics</i> , 2021, 40, 4104-4109.	1.1	4

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73	Synthesis, characterization, DFT calculations, and reactivity study of a nitrido-bridged dimeric vanadium( $\mu$ ) complex. Dalton Transactions, 2020, 49, 1200-1206.	1.6	6
74	Low- and Mid-Valent Uranium Species Supported by Phenyltris(oxazolanyl)borate Ligands. Organometallics, 2020, 39, 353-360.	1.1	9
75	Stepwise Preparation of meso-Tetraphenyl- and meso-Tetrakis(4-trifluoromethylphenyl)bacteriodilactones and their Zinc(II) and Palladium(II) Complexes. European Journal of Organic Chemistry, 2020, 2020, 475-482.	1.2	4
76	Near-Infrared Emitting Heterobimetallic Zn <sup>II</sup> of Schiff Base Complexes with Visible Excitation Wavelength. European Journal of Inorganic Chemistry, 2020, 2020, 75-78.	1.0	5
77	Effects of structural variations on $\pi$ -dimer formation: long-distance multicenter bonding of cation-radicals of tetrathiafulvalene analogues. Physical Chemistry Chemical Physics, 2020, 22, 25054-25065.	1.3	8
78	Catalytic C(sp <sup>2</sup> ) $\rightarrow$ H Amination Reactions Using Dinickel Imides. Organometallics, 2020, 39, 3794-3801.	1.1	12
79	Mobility of Lewis acids within the secondary coordination sphere: toward a model for cooperative substrate binding. Chemical Communications, 2020, 56, 13105-13108.	2.2	8
80	Binding-Induced Unfolding of 1-Bromopropane in $\beta$ -Cyclodextrin. Journal of Physical Chemistry B, 2020, 124, 11015-11021.	1.2	1
81	Origin of Bond Elongation in a Uranium(IV) $\mu$ -Bis(imido) Complex. Inorganic Chemistry, 2020, 59, 18461-18468.	1.9	7
82	Pyrrole-Modified Porphyrins Containing Eight-Membered Heterocycles Using a Reversal of the $\pi$ -Breaking and Mending Strategy. Journal of Organic Chemistry, 2020, 85, 15273-15286.	1.7	4
83	Conversion of Trivalent Uranium Anilido to Tetravalent Uranium Imido Species via Oxidative Deprotonation. Inorganic Chemistry, 2020, 59, 11910-11914.	1.9	13
84	Stepwise Reduction of Octaethyl- $\beta$ , $\beta'$ -dioxochlorin Isomers: Access to Structurally and Electronically Diverse Hydroporphyrins. Journal of Organic Chemistry, 2020, 85, 13951-13964.	1.7	4
85	Co(cyclam) Complexes of Triarylamine-acetylide: Structural and Spectroscopic Properties and DFT Analysis. Organometallics, 2020, 39, 3250-3259.	1.1	2
86	Solvent-Induced Reversible Spin-Crossover in a 3D Hofmann-Type Coordination Polymer and Unusual Enhancement of the Lattice Cooperativity at the Desolvated State. Inorganic Chemistry, 2020, 59, 13024-13028.	1.9	26
87	4,4',5,5'-Tetraamino-3,3'-azo-bis-1,2,4-triazole and the electrosynthesis of high-performing insensitive energetic materials. Journal of Materials Chemistry A, 2020, 8, 19337-19347.	5.2	43
88	Ligand geometry directs the packing and symmetry of one-dimensional helical motifs in lead oxide naphthoates and biphenylcarboxylates. CrystEngComm, 2020, 22, 6465-6477.	1.3	1
89	Slow Magnetic Relaxation of a 12-Metallacrown-4 Complex with a Manganese(III) $\rightarrow$ Copper(II) Heterometallic Ring Motif. Inorganic Chemistry, 2020, 59, 11894-11900.	1.9	4
90	Insight into geometric preferences in uranium( $\mu$ ) mixed tris(imido) systems. Chemical Communications, 2020, 56, 11138-11141.	2.2	2

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91	Halogen Bonding in the Complexes of Brominated Electrophiles with Chloride Anions: From a Weak Supramolecular Interaction to a Covalent Br–Cl Bond. <i>Crystals</i> , 2020, 10, 1075.	1.0	5
92	Tailoring Energetic Sensitivity and Classification through Regioisomerism. <i>Organic Letters</i> , 2020, 22, 9114-9117.	2.4	29
93	Synthesis and photophysics of gold alkynyls bearing a benzothiazole-2,7-fluorenyl moiety: a comparative study analyzing influence of ancillary ligand, bridging moiety, and number of metal centers on photophysical properties. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11915-11927.	1.3	12
94	Sensitive Energetics from the N-Amination of 4-Nitro-1,2,3-Triazole. <i>ChemistryOpen</i> , 2020, 9, 806-811.	1.9	11
95	Halogen Bonding Between Anions: Association of Anion Radicals of Tetraiodo-p-benzoquinone with Iodide Anions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17197-17201.	7.2	13
96	Halogen Bonding Between Anions: Association of Anion Radicals of Tetraiodo-p-benzoquinone with Iodide Anions. <i>Angewandte Chemie</i> , 2020, 132, 17350-17354.	1.6	4
97	Robot-Accelerated Perovskite Investigation and Discovery. <i>Chemistry of Materials</i> , 2020, 32, 5650-5663.	3.2	113
98	Examining the Generality of Metal-Ligand Cooperativity Across a Series of First-Row Transition Metals: Capture, Bond Activation, and Stabilization. <i>Inorganic Chemistry</i> , 2020, 59, 9279-9286.	1.9	14
99	Diversity and uniformity in anion-π complexes of thiocyanate with aromatic, olefinic and quinoidal π-acceptors. <i>Dalton Transactions</i> , 2020, 49, 8734-8743.	1.6	19
100	Tetrazole Azasydnone (C <sub>2</sub> N <sub>7</sub> O <sub>2</sub> H) And Its Salts: High-Performing Zwitterionic Energetic Materials Containing A Unique Explosophore. <i>Chemistry - A European Journal</i> , 2020, 26, 14530-14535.	1.7	53
101	Room-Temperature Phosphorescent Platinum(II) Alkynyls with Microsecond Lifetimes Bearing a Strong-Field Pincer Ligand. <i>Chemistry - A European Journal</i> , 2020, 26, 8417-8425.	1.7	12
102	Organometallic Uranyl Complexes Featuring a Carbodicarbene Ligand. <i>Organometallics</i> , 2020, 39, 783-787.	1.1	15
103	Evidence for Halogen Bonding in Amorphous Solid Dispersions. <i>Crystal Growth and Design</i> , 2020, 20, 3224-3235.	1.4	27
104	Building Conjugated Donor-Acceptor Cross-Links into Metal-Organic Frameworks for Photo- and Electroactivity. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 19201-19209.	4.0	9
105	Intermolecular Interactions between Halogen-Substituted p-Benzoquinones and Halide Anions: Anion-π Complexes versus Halogen Bonding. <i>ChemPlusChem</i> , 2020, 85, 441-449.	1.3	8
106	9-Borabicyclononane Bipyridyl Complexes: Synthesis, Luminescence, and Electronic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3738-3745.	1.0	3
107	Evaluation of Octaethyl-7,17-dioxobacteriochlorin as a Ligand for Transition Metals. <i>Inorganic Chemistry</i> , 2020, 59, 2870-2880.	1.9	8
108	Synthesis and Photophysical Properties of Laterally Asymmetric Digold(I) Alkynyls and Triazolyl: Ancillary Ligand and Organic Functionality Dictate Excited-State Dynamics. <i>Organometallics</i> , 2020, 39, 489-494.	1.1	11

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109	An air-stable anionic two-dimensional semiconducting metal-thiolate network and its exfoliation into ultrathin few-layer nanosheets. <i>Chemical Communications</i> , 2020, 56, 3645-3648.	2.2	13
110	A zinc-responsive fluorophore based on 5- <i>l</i> -( <i>p</i> -hydroxyphenyl)-pyridylthiazole. <i>Materials Chemistry Frontiers</i> , 2020, 4, 899-904.	3.2	4
111	Covalent and ionic bonding in bi- and tricyclic Group 15 amides: equidistant P- <i>l</i> and As- <i>l</i> bonds and fluxional cations. <i>Dalton Transactions</i> , 2020, 49, 6341-6354.	1.6	3
112	Reductively Stable Hydrogen-Bonding Ligands Featuring Appended CF <sub>2</sub> -H Units. <i>Journal of the American Chemical Society</i> , 2020, 142, 8809-8817.	6.6	16
113	Evidence of Alpha Radiolysis in the Formation of a Californium Nitrate Complex. <i>Chemistry - A European Journal</i> , 2020, 26, 8885-8888.	1.7	6
114	(Isonitrile)platinum(II) Complexes of an Amido Bis(N-heterocyclic carbene) Pincer Ligand. <i>Organometallics</i> , 2020, 39, 1667-1671.	1.1	10
115	Structural Tunability and Diversity of Two-Dimensional Lead Halide Benzenethiolate. <i>Chemistry - A European Journal</i> , 2020, 26, 6599-6607.	1.7	3
116	Crystal structures of salts of bedaquiline. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 1010-1023.	0.2	7
117	Crystal structures of two heterotrimetallic dysprosium-manganese-sodium 12-metallacrown-4 complexes with the bridging ligands 3-hydroxybenzoate and 4-hydroxybenzoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1213-1221.	0.2	3
118	Crystal structures of three anionic lanthanide-aluminium [3.3.1] metallacryptate complexes. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1458-1466.	0.2	3
119	Ruthenium(II) complexes of the tetradentate polypyridyl thioether 1,2-bis[3-(2-pyridyl)-1-thiopropyl]benzene. <i>Polyhedron</i> , 2020, 179, 114367.	1.0	0
120	Synthesis and crystal structure of two manganese-based 12-metallacrown-4 complexes: Na <sub>2</sub> (3-chlorobenzoate) <sub>2</sub> [12-MC-Mn(III)N(shi)-4](DMF) <sub>6</sub> and MnNa(3-chlorobenzoate) <sub>3</sub> [12-MC-Mn(III)N(shi)-4](DMF)(H <sub>2</sub> O) <sub>4</sub> ·4DMF·0.72H <sub>2</sub> O. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 848-856.	0.2	0
121	Synthesis and crystal structure of a pentacopper(II) 12-metallacrown-4: <i>cis</i> -diaquatetrakis(dimethylformamide- <i>l</i> -O)manganese(II) tetrakis(1/4- <sub>3</sub> -N,2-dioxidobenzene-1-carboximidate)pentacopper(II) dimethylformamide monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 747-751.	0.2	0
122	Crystal structure of 2,3-dimethoxy- <i>meso</i> -tetrakis(pentafluorophenyl)morpholinochlorin methylene chloride 0.44-solvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1222-1228.	0.2	0
123	Crystal structures of two dysprosium-aluminium-sodium [3.3.1] metallacryptates that form two-dimensional sheets. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1378-1390.	0.2	3
124	Synthesis and crystal structure of a heterobimetallic nickel-manganese 12-metallacrown-4 methanol disolvate monohydrate compound. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1720-1724.	0.2	0
125	A threefold superstructure of the anti-epileptic drug phenytoin sodium as a mixed methanol solvate hydrate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1213-1219.	0.2	6
126	Complexes of Diiodine with Heteroaromatic N-Oxides: Effects of Halogen-Bond Acceptors in Halogen Bonding. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7113-7123.	1.1	21



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127	Halide Directed Synthesis of an In-Derived Metal-Organic Framework with Two Unique Metal Centers and Isolation of Its Potential Synthetic Precursor. <i>Crystal Growth and Design</i> , 2019, 19, 6053-6057.	1.4	2
128	Syntheses, X-ray structure, emission and vibrational spectroscopies, DFT and thermogravimetric oxide. <i>Journal of Coordination Chemistry</i> , 2019, 72, 2574-2585.	0.8	0
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265	Unprecedented copper-mediated in situ formation of gem-diol binuclear complexes: a combined experimental and computational study. <i>RSC Advances</i> , 2016, 6, 107379-107398.	1.7	21
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272	Facile carboxylate ligand variation of heterotrimetallic 12-metallacrown-4 complexes. <i>Polyhedron</i> , 2016, 114, 29-36.	1.0	14
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295	One-Dimensional Coordination Polymers of 12-Metallacrown-4 Complexes: {Na <sub>2</sub> (L) <sub>2</sub> [12- $\{M\}_m\{C\}_n\{M\}_m\{N\}_n\{III\}_m\{N\}_n\}$ M C M n III ( N ) shi -4]} <sub>n</sub> , where L is Either $\hat{a}^{\sim}O_2CCH_2CH_3$ or $\hat{a}^{\sim}O_2CCH_2CH_2CH_3$ . <i>Journal of Chemical Crystallography</i> , 2015, 45, 36-43.	0.5	8
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318	Relative substituent orientation in the structure of <i>cis</i> -3-chloro-1,3-dimethyl- <i>N</i> -(4-nitrophenyl)-2-oxocyclopentane-1-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 121-123.	0.2	1
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323	Ru(II) thioether complexes with dangling pyridine ligands. <i>Polyhedron</i> , 2014, 68, 70-75.	1.0	5
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345	Apparent Alkyl Transfer and Phenazine Formation via an Aryne Intermediate. <i>Journal of Organic Chemistry</i> , 2013, 78, 3532-3540.	1.7	11
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362	Synthesis, crystal structure and rearrangements of orthocyclophane cyclotetraveratrylene (CTTV) tetraketone. Supramolecular Chemistry, 2012, 24, 803-809.	1.5	6
363	<i>meso</i>-Tetraphenylporphyrin-derived oxypyriporphyrin, oxypyrichlorin, and thiomorpholinochlorin, as their Ni(II) complexes. Journal of Porphyrins and Phthalocyanines, 2012, 16, 576-588.	0.4	18
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380	Syntheses, X-ray Structural Characterizations, and Thermal Stabilities of Two Nonclassical Trinuclear Vanadium(IV) Complexes, $(V_3(\mu_3-O)_2(\mu_2-O)_2)(\mu_2-O)_2P(CH_2C_6H_5)_5$ and $(V_3(\mu_3-O)_2(\mu_2-O)_2)(\mu_2-O)_2P(CH_2C_6H_5)_5$		

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398	The first dinuclear cobalt complex bridged by acetylamidate ligands: di- $\mu$ -acetylamido- $\mu$ -2O:N; $\mu$ -2N:O-di- $\mu$ -4-hydroxido- $\mu$ -4O:O-bis[bis(pyridine- $\mu$ -N)cobalt(III)] bis(perchlorate) acetonitrile disolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, m233-m234.	0.4	0
399	Constrained Digold(I) Diaryls: Syntheses, Crystal Structures, and Photophysics. <i>Chemistry - A European Journal</i> , 2012, 18, 2100-2112.	1.7	41
400	Biomolecular Chemistry of Isopropyl Fibrates. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1555-1569.	1.6	14
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410	Competition between Methoxy-Based and Pyrazine-Based Synthons in Methoxy-Substituted Distyrylpyrazines. <i>Crystal Growth and Design</i> , 2011, 11, 1299-1309.	1.4	8
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417	Zinc complexes of TtzR <sub>2</sub> Me with O and S donors reveal differences between Tp and Ttz ligands: acid stability and binding to H or an additional metal (TtzR <sub>2</sub> Me = tris(3-R-5-methyl-1,2,4-triazolyl)borate; R =) Tj ETQq1 1106784314rgBT/O	1.6	11
418	Expanding molecular transition metal cubane clusters of the form [M <sub>4</sub> (μ <sub>3</sub> -O) <sub>4</sub> ] <sup>12+</sup> : syntheses, spectroscopic and structural characterizations of molecules M <sub>4</sub> (μ <sub>3</sub> -O) <sub>4</sub> (O <sub>2</sub> P(Bn) <sub>2</sub> ) <sub>4</sub> (O <sub>4</sub> ), M = VV and WV. Dalton Transactions, 2011, 40, 11356.	1.6	11
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445	[(2 <i>R</i> ,5 <i>R</i> ,6 <i>S</i> ,9 <i>R</i> )-6-Isopropyl-9-methyl-1,4-dioxaspiro[4.5]decan-2-yl]methyl 4-bromobenzoate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o733-o734.	0.2	1
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581	Hydrothermal synthesis and structure of an open framework Co <sub>0.7</sub> Zn <sub>1.3</sub> (PO <sub>4</sub> ) <sub>2</sub> (NH <sub>3</sub> -CH <sub>2</sub> CH <sub>2</sub> NH <sub>3</sub> ) and Co <sub>6.2</sub> (OH) <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> Zn <sub>1.80</sub> , a new adamite type phase. <i>Inorganica Chimica Acta</i> , 2007, 360, 2917-2922.	1.2	2
582	[Hg(1/4-4,4'-bipy)(1/4-AcO)(AcO)] <sub>n</sub> ·n/2H <sub>2</sub> O, one-dimensional double-chain coordination polymer, syntheses, characterization, thermal, fluorescence, porous and structural studies. <i>Inorganica Chimica Acta</i> , 2007, 360, 3196-3202.	1.2	18
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590	Bis(dimethylphosphorylmethyl)durene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o802-o803.	0.2	3
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592	N-(3-Phenylpropyl)guanidinium bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1934-o1936.	0.2	4
593	3,4,5-Trimethyl-1,2,4-triazole trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2739-o2741.	0.2	1
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