

# Rdiger W Seidel

## List of Publications by Citations

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#	Paper	IF	Citations
120	Self-assembly of hydrogensquarates: crystal structures and properties. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 3088-95	2.8	57
119	The aromatic clusters [Zn <sub>4</sub> ] <sup>2+</sup> and [Zn <sub>5</sub> ]: embryonic brass. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4370-4	16.4	54
118	The intermetalloid cluster [(Cp*AlCu) <sub>6</sub> H <sub>4</sub> ], embedding a Cu <sub>6</sub> core inside an octahedral Al <sub>6</sub> shell: molecular models of Hume-Rothery nanophases. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7943-7	16.4	50
117	On the origin of the color in the solid state. Crystal structure and optical and magnetic properties of 4-cyanopyridinium hydrogensquarate monohydrate. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 2899-905	3.8	46
116	The reactivity of [Zn <sub>2</sub> Cp* <sub>2</sub> ]: trapping monovalent {*ZnZnCp*} in the metal-rich compounds [(Pd,Pt)(GaCp*) <sub>a</sub> (ZnCp*)(4-a)(ZnZnCp*)(4-a)] (a=0, 2). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 772-6	16.4	45
115	Spectroscopic and structural elucidation of 4-dimethylaminopyridine and its hydrogensquarate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2008</b> , 71, 695-702	4.4	42
114	A cyclopeptide-derived molecular cage for sulfate ions that closes with a click. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7241-55	4.8	40
113	Microporous Mixed-Metal Layer-Pillared [Zn <sub>1-x</sub> Cu <sub>x</sub> (bdc)(dabco) <sub>0.5</sub> ] MOFs: Preparation and Characterization. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1688-1695	2.3	39
112	Molecular brass: Cu <sub>2</sub> Zn <sub>3</sub> ligand protected superatom cluster. <i>Chemical Communications</i> , <b>2014</b> , 50, 8681-5.8	4.8	37
111	Reactivity of [Zn <sub>2</sub> Cp* <sub>2</sub> ] toward Transition-Metal Complexes: Synthesis and Characterization of [Cp*M(ZnCp*) <sub>3</sub> ] (M = Ni, Pd, Pt). <i>Organometallics</i> , <b>2011</b> , 30, 4123-4127	3.8	30
110	New Aspects on the Origin of Color in the Solid State. Coherently Shifting of the Protons in Violurate Crystals. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 3348-3352	3.5	29
109	New structural motifs and properties of squaric acid anions in the presence of the l-lysinium counterion. <i>Journal of Molecular Structure</i> , <b>2009</b> , 919, 246-254	3.4	28
108	Group 13 ligand supported heavy-metal complexes: first structural evidence for gallium-lead and gallium-mercury bonds. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6041-7	4.8	28
107	Cp* as a removable protecting group: low valent Zn(I) compounds by reductive elimination, protolytic and oxidative cleavage of Zn-Cp*. <i>Dalton Transactions</i> , <b>2013</b> , 42, 10540-4	4.3	26
106	Spectroscopic and structural elucidation of 3,4-diaminopyridine and its hydrogentartarate salt: Crystal structure of 3,4-diaminopyridinium hydrogentartarate dihydrate. <i>Journal of Molecular Structure</i> , <b>2008</b> , 881, 146-155	3.4	24
105	Clusters [M <sub>a</sub> (GaCp*) <sub>b</sub> (CNR) <sub>c</sub> ] (M = Ni, Pd, Pt): synthesis, structure, and Ga/Zn exchange reactions. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 14275-83	5.1	23
104	Zn <sub>2</sub> Zn interactions at nickel and palladium centers. <i>Chemical Science</i> , <b>2016</b> , 7, 6413-6421	9.4	22

103	C≡N Bond Amination by Photochemically Generated Transient Borylnitrenes at Room Temperature: A Combined Experimental and Theoretical Investigation of the Insertion Mechanism and Influence of Substituents. <i>Organometallics</i> , <b>2012</b> , 31, 3894-3903	3.8	22
102	Homoleptic gadolinium amidinates as precursors for MOCVD of oriented gadolinium nitride (GdN) thin films. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 286-96	5.1	22
101	First dinuclear copper/gallium complexes: supporting Cu(0) and Cu(I) centres by low-valent organogallium ligands. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8846-53	4.8	21
100	Die aromatischen Cluster [Zn <sub>3</sub> ] <sup>+</sup> und [Zn <sub>2</sub> Cu] kleinste molekulare Bausteine für Messing. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4445-4449	3.6	20
99	The rich chemistry of [Zn <sub>2</sub> Cp* <sub>2</sub> ]: trapping three different types of zinc ligands in the PdZn <sub>7</sub> complex [Pd(ZnCp*) <sub>4</sub> (ZnMe) <sub>2</sub> {Zn(tmeda)}]. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 10486-92	5.1	20
98	Supramolecular isomerism of self-complementary zinc-5,10,15,20-tetra(4-pyridyl)porphyrin in the presence of dimethylformamide. <i>CrystEngComm</i> , <b>2010</b> , 12, 387-394	3.3	20
97	Der intermetalloide Cluster [(Cp*AlCu) <sub>6</sub> H <sub>4</sub> ], Stabilisierung eines Cu <sub>6</sub> -Kerns in einer oktaedrischen Al <sub>6</sub> -Hülle: molekulare Modellverbindungen für Hume-Rothery-Nanophasen. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 8077-8081	3.6	19
96	Malonate complexes of dysprosium: synthesis, characterization and application for LI-MOCVD of dysprosium containing thin films. <i>Dalton Transactions</i> , <b>2011</b> , 40, 62-78	4.3	19
95	1D and 2D solid-state metallosupramolecular arrays of freebase 5,10,15,20-tetra(4-pyridyl)porphyrin, peripherally linked by zinc and manganese ions. <i>Structural Chemistry</i> , <b>2009</b> , 20, 121-128	1.8	19
94	Matrix isolation and IR spectroscopic characterization of 3,5-difluoropyridyl-2,4,6-trinitrene. <i>Journal of Physical Organic Chemistry</i> , <b>2012</b> , 25, 486-492	2.1	18
93	Coordination complexes of TiX <sub>4</sub> (X = F, Cl) with a bulky N-heterocyclic carbene: Syntheses, characterization and molecular structures. <i>Polyhedron</i> , <b>2013</b> , 52, 1103-1108	2.7	18
92	Dizinc cation [Zn <sub>2</sub> ] <sup>(2+)</sup> trapped in a homoleptic metalloidal coordination environment stabilized by dispersion forces: [Zn <sub>2</sub> (GaCp*) <sub>6</sub> ][BAr <sub>4</sub> (F)] <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 352-8	5.1	17
91	A solvated zinc analogue of the calomel-dication. <i>Chemical Communications</i> , <b>2015</b> , 51, 2170-2	5.8	15
90	Chemie von [Zn <sub>2</sub> Cp* <sub>2</sub> ]: einwertiges {ZnZnCp*}, stabilisiert in den metallreichen Verbindungen [(Pd,Pt)(GaCp*) <sub>a</sub> (ZnCp*) <sub>4</sub> μ(ZnZnCp*) <sub>4</sub> μ] (a=0, 2). <i>Angewandte Chemie</i> , <b>2011</b> , 123, 798-802	3.6	15
89	Conformation and dynamics of a cyclic disulfide-bridged peptide: effects of temperature and solvent. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 3560-70	3.4	14
88	Polymorphs of 4-(dihydroxymethyl)pyridinium hydrogensquarate [Crystal structures and spectroscopic properties. <i>Journal of Molecular Structure</i> , <b>2009</b> , 931, 45-49	3.4	14
87	Crystal structure and spectroscopic properties of ammonium hydrogensquarate squaric acid monohydrate. <i>Structural Chemistry</i> , <b>2008</b> , 19, 101-107	1.8	14
86	Oligonuclear molecular models of intermetallic phases: a case study on [Pd <sub>2</sub> Zn <sub>6</sub> Ga <sub>2</sub> (Cp*) <sub>5</sub> (CH <sub>3</sub> ) <sub>3</sub> ]. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 4909-15	4.8	13

85	Structural Diversity of Metallosupramolecular Assemblies Based on the Bent Bridging Ligand 4,4'-Dithiodipyridine. <i>Polymers</i> , <b>2013</b> , 5, 527-575	4.5	13
84	Crystal structures and spectroscopic properties of ester amide and diamide of squaric acid with prolinamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 72, 502-9	4.4	13
83	Atom-Precise Organometallic Zinc Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3285-9	16.4	13
82	Isomorphous free-base, Ni(II)- and Cu(II)-5,10,15,20-tetra(4-hydroxyphenyl)porphyrin nitrobenzene hexasolvates with tetragonal 3D hydrogen-bonded network structures. <i>CrystEngComm</i> , <b>2014</b> , 16, 10505-10511	3.3	12
81	Assembly of a rhomboidally distorted (4,4)-net based polymeric sheet structure bearing copper(II) 5,10,15,20-tetra(4-pyridyl)porphyrin. <i>CrystEngComm</i> , <b>2010</b> , 12, 1051-1053	3.3	12
80	Tyrammonium 4-nitrophthalate dihydrate: structural and spectroscopic elucidation. <i>Amino Acids</i> , <b>2009</b> , 36, 29-33	3.5	12
79	Hydrogenoxalate and squarate salts of (E)-4-(hydroxyiminomethyl)-pyridine [Crystal structures, spectroscopic and theoretical elucidation. <i>Journal of Molecular Structure</i> , <b>2009</b> , 921, 163-171	3.4	11
78	Crystal structure, optical and magnetic properties of the bis(perchlorate) of 3,4-diaminopyridine. <i>Structural Chemistry</i> , <b>2008</b> , 19, 13-20	1.8	11
77	Anisole at 100 K: the first crystal structure determination. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 664-6	0.8	10
76	Ligand-bridged bicobaloximes synthesized by ligand replacement: Synthesis, structure and characterization. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 27, 1-4	3.1	10
75	A Polymeric Arched Chain and a Chair-like M2L2-Metallamacrocycle Crystal Engineered of [M(phen)] <sup>2+</sup> (M = Cu, Cd; phen = 1,10-Phenanthroline) Corner Units and the Bent Ligand 4,4'-Dithiodipyridine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 94-101	1.3	10
74	Novel codeinone derivatives via Michael addition of barbituric acids. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 327-334		10
73	β-Cyclo-dextrin 10.41-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o3162-3		10
72	Synthesis and structure of new compounds with Pt-Cl bonds: Insertion of the bulky gallium (I) bisimidinate Ga(DDP) into Pt-Cl bond. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2635-2640	2.3	9
71	The organozinc rich compounds [Cp*M(ZnR) <sub>5</sub> ] (M = Fe, Ru; R = Cp*, Me, Cl, Br). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7152-60	5.1	8
70	Benzamidinium acetylsalicylate: crystal structure of the first salt with acetylsalicylate anion. <i>Structural Chemistry</i> , <b>2009</b> , 20, 533-536	1.8	8
69	A Molecular Antenna Coordination Polymer from Cadmium(II) and 4,4'-Bipyridine Featuring Three Distinct Polymer Strands in the Crystal. <i>Polymers</i> , <b>2011</b> , 3, 1458-1474	4.5	8
68	2D Metallosupramolecular Arrays of Zinc-5,10,15,20-tetra(4-pyridyl)porphyrin via Self-complementary Coordination and Peripheral Linkage. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 446-448	1.3	8

67	Novel $\beta$ -ketoiminato complexes of zirconium: synthesis, characterization and evaluation for solution based processing of ZrO <sub>2</sub> thin films. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2384-96	4.3	6
66	Structural Diversity of Metallosupramolecular Assemblies from Cu(phen) <sub>2</sub> <sup>+</sup> (phen = 1,10-Phenanthroline) Building Blocks and 4,4'-Bipyridine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 1545-1554	1.3	6
65	1,10-Phenanthroline hydrogensulfate monohydrate--a non-centrosymmetric structure from two non-chiral agents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 73, 929-35	4.4	6
64	The artificial binaphthyl amino acid 6-amino-6'-carboxyethyl-2-methoxy-2'-hydroxy-1,1'-binaphthyl (Bna): synthesis and assembly of Bna peptides. <i>Tetrahedron</i> , <b>2010</b> , 66, 8503-8511	2.4	6
63	Synthesis and characterization of sterically and electrostatically shielded pyrrolidine nitroxide radicals. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1182, 87-94	3.4	6
62	1D Coordination Polymers from Zinc(II) and Cadmium(II) Halides and 2,2'-Dithiobis(pyridine N-oxide): Isostructurality and Structural Diversity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 317-324	1.3	5
61	In situ cryocrystallization and solid-state structures of furfural and some derivatives. <i>CrystEngComm</i> , <b>2019</b> , 21, 3295-3303	3.3	5
60	Structural insight into repeated-rhomboid coordination polymers from 4,4'-dithiodipyridine and zinc nitrate. <i>Structural Chemistry</i> , <b>2011</b> , 22, 1225-1232	1.8	5
59	Zinc-rich compounds of iron and cobalt: formation of [Fe <sub>2</sub> Zn(n)] (n = 2-4) and [Co <sub>2</sub> Zn <sub>3</sub> ] cores. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12570-7	4.3	5
58	N-methylcodeinium iodide--crystal structure and spectroscopic elucidation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 73, 61-6	4.4	5
57	Structural, spectroscopic and theoretical study of novel ephedrinum salt. <i>Journal of Molecular Structure</i> , <b>2010</b> , 971, 8-11	3.4	5
56	Are there preferable conformations of the tryptammonium cation in the solid state? Crystal structure and solid-state linear polarized IR-spectroscopic study of tryptammonium hydrogentartrate. <i>Structural Chemistry</i> , <b>2008</b> , 19, 147-154	1.8	5
55	On the Solvent-free Structure of a Jørgensen-type Cobalt(II) N <sub>2</sub> O <sub>2</sub> -Chelate Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 1946-1952	1.3	4
54	Non-merohedrally Twinned Catena-[Dibromido- $\mu$ -4,4'-Dithiodipyridine- $\mu$ -N,N'-Zinc(II)]. <i>Journal of Chemical Crystallography</i> , <b>2013</b> , 43, 229-234	0.5	4
53	On the structure of unsolvated free-base 5,10,15,20-tetra(3-pyridyl)porphyrin. <i>Journal of Molecular Structure</i> , <b>2011</b> , 985, 307-315	3.4	4
52	Tryptammonium (2S,3S)-hydrogentartrate monohydrate [Struct Chem (2008) 19:147-154]: redetermination at 110 K and re-refinement against room temperature data. <i>Structural Chemistry</i> , <b>2009</b> , 20, 565-567	1.8	4
51	Structural characterization of racemic 1,1'-bi-(2-naphthol) monopivalate and its 6-nitro derivative. <i>Journal of Molecular Structure</i> , <b>2010</b> , 980, 245-249	3.4	4
50	A Z <sub>2</sub> = 6 crystal structure of (E)-N,N'-dicyclohexylacetamide. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1031, 239-245	3.4	3

49	Crystal structure of catena-[dichlorido- $\mu$ -4,4'-dithiodipyridine- $\mu$ N:N']zinc(II), C <sub>10</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> S <sub>2</sub> Zn. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2012</b> , 227, 305-306	0.2	3
48	Crystal structure of catena-( $\mu$ -sulfato)-diaqua-(1,10-phenanthroline)- cobalt(II), Co(H <sub>2</sub> O) <sub>2</sub> (C <sub>12</sub> H <sub>2</sub> N <sub>2</sub> )SO <sub>4</sub> at 106 K and refinement of crystal structure of catena-( $\mu$ -sulfato)-diaqua-(1,10-phenanthroline)copper(II), Cu(H <sub>2</sub> O) <sub>2</sub> (C <sub>12</sub> H <sub>2</sub> N <sub>2</sub> )SO <sub>4</sub> at 106 K. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2009</b> , 224, 509-511	0.2	3
47	Two novel violurate and squarate salts of cinchonine. Structures and physical properties. <i>Journal of Molecular Structure</i> , <b>2010</b> , 965, 89-97	3.4	3
46	2-(Phenylethyl)ammonium hydrogensquarate hemihydrate: crystal structure, solid-state IR-spectroscopic and theoretical characterization. <i>Amino Acids</i> , <b>2010</b> , 39, 309-14	3.5	3
45	Bis(tyrammonium) sulfate dihydrate: Crystal structure, solid-state IR-spectroscopic and theoretical characterization. <i>Journal of Molecular Structure</i> , <b>2008</b> , 888, 138-144	3.4	3
44	Atompräzise organometallische Zinkcluster. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3344-3349	3.6	3
43	On the Chiral Z <sub>2</sub> = 2 Crystal Structure of [Cu <sub>2</sub> (H <sub>2</sub> valdien) <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> [H <sub>2</sub> valdien = N <sub>1</sub> ,N <sub>3</sub> -bis(3-methoxysalicylidene)diethylenetriamine]. <i>Journal of Chemical Crystallography</i> , <b>2018</b> , 48, 164-169	0.5	2
42	Reversible crystal-to-crystal phase transition of a 4,4'-bipyridine-linked dinuclear copper(II) complex. <i>Structural Chemistry</i> , <b>2013</b> , 24, 181-189	1.8	2
41	Structural Diversity of Hydrogen-Bonded Networks of [Co(NH <sub>3</sub> ) <sub>6</sub> ] <sup>3+</sup> Complex Cations and Acetylenedicarboxylic Acid Anions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2014</b> , 69, 277-288	1	2
40	Egon Uhlig und die Koordinationschemie in Jena. <i>Nachrichten Aus Der Chemie</i> , <b>2013</b> , 61, 533-534	0.1	2
39	N,N-Diethyl-N'-(E)-4-pyridylmethylene]benzene-1,4-diamine: a combined X-ray and density functional theory study. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, o385-7		2
38	Cyclohexylammonium hydrogensquarate hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o4852-o4852		2
37	Adiponitrile at 100 K. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2017</b> , 73, 937-940	0.8	2
36	Crystal structure of {2-[(2-[(2-amino-ethyl)amino]-ethyl)imino]-meth-yl]-6-hydroxy-phenolato-(4-N,N',N'',O (1))}(nitrate- $\mu$ )copper(II) ethanol 0.25-solvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, m205-6	0.7	2
35	A solid solution of ethyl and -methyl 2-[(4-meth-yl-pyridin-2-yl)amino]-4-(pyridin-2-yl)thia-zole-5-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1255-1259	0.7	2
34	Crystallographic evidence for unintended benzisothiazolinone 1-oxide formation from benzothiazinones through oxidation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2020</b> , 76, 907-913	0.8	2
33	Synthesis, structural characterization and antimycobacterial evaluation of several halogenated non-nitro benzothiazinones. <i>Medicinal Chemistry Research</i> , <b>2021</b> , 30, 1-11	2.2	2
32	Acetic anhydride at 100 K: the first crystal structure determination. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2016</b> , 72, 753-757	0.8	2

31	A structural study of seven N-acylindolines and their Pd(II)-mediated intramolecular oxidative coupling reactions for the synthesis of pyrrolophenanthridone alkaloids. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1178, 341-351	3.4	2
30	Pionier der bioanorganischen Chemie. <i>Nachrichten Aus Der Chemie</i> , <b>2015</b> , 63, 780-782	0.1	1
29	catena-Poly[[[tetrahydrofuran- $\mu$ ]potassium]- $\mu$ -2,3,4,5-tetramethyl-1-n-pentylcyclopentadienyl]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 573-6		1
28	(Hexafluorosilicato- $\mu_2$ F,F')bis(1,10-phenanthroline- $\mu_2$ N,N')zinc(II) methanol monosolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 1112-5		1
27	Di- $\mu$ -chlorido-bis-{aqua-chlorido[2,2'-thio-bis(pyridine N-oxide)- $\mu$ ]copper(II)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, m460		1
26	Novel pyridyl-substituted coumarin and its perchlorate salt crystal structure and spectroscopic properties. <i>Journal of Physical Organic Chemistry</i> , <b>2009</b> , 22, 726-734	2.1	1
25	catena-Poly[[[aqua(ethylenediamine-kappa2N,N')(nitrate-kappaO)copper(II)]- $\mu$ -4,4'-dithiodipyridine-kappa2N:N'] nitrate monohydrate]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, m235-7		1
24	Redetermination of cyclo-tetra-kis-( $\mu$ -10,15,20-tetra-4-pyridyl-porphyrinato)tetra-zinc(II) dimethyl-formamide octa-solvate trihydrate at 100 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m236-7		1
23	[2-Chloro-3-nitro-5-(tri-fluoro-meth-yl)phen-yl](piperidin-1-yl)methanone: structural characterization of a side product in benzo-thia-zinone synthesis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1442-1446	0.7	1
22	Redetermination of diaqua[N,N'-bis(3-methoxy-2-oxidobenzylidene)ethylenediamine- $\mu$ O,N,N',O?]manganese(III) perchlorate at 100 K. <i>IUCrData</i> , <b>2016</b> , 1,	0.7	1
21	Revision of the crystal structure of 'bis(glycine) squaric acid'. <i>IUCrData</i> , <b>2018</b> , 3,	0.7	1
20	Bis[(E)-4-(hydroxy-imino-meth-yl)pyridinium] oxalate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 64, o181		1
19	Crystal structure of -poly[[di-iodidomer-cury(II)]- $\mu$ -2,2'-di-thio-bis-(pyridine -oxide)- $\mu$ ]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 433-435	0.7	1
18	(R)-Di-tert-butyl 1,1'-binaphthyl-2,2'-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o243		1
17	Racemization-free synthesis of N $\mu$ -thiophenoyl-phenylalanine-2-morpholinoanilide enantiomers and their antimycobacterial activity. <i>Amino Acids</i> , <b>2021</b> , 53, 1187-1196	3.5	1
16	Structural Characterization of Two Polymorphs of 1-(4-Methylpyridin-2-yl)thiourea and Two Derived 2-Aminothiazoles. <i>Journal of Chemical Crystallography</i> , <b>2021</b> , 51, 394-404	0.5	1
15	2-Chloro-3-nitro-5-(tri-fluoro-meth-yl)benzoic acid and -benzamide: structural characterization of two precursors for anti-tubercular benzo-thia-zinones. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 142-147	0.7	1
14	Protonation sites and hydrogen bonding in mono-hydrobromide salts of two N,4-diheteroaryl 2-aminothiazoles. <i>Structural Chemistry</i> , <b>2021</b> , 32, 989-996	1.8	1

13	Structural elucidation of the antitubercular benzothiazinone BTZ043: A combined X-ray, variable temperature NMR and DFT study. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1248, 131419	3.4	1
12	Structural Elucidation of Enantiopure and Racemic 2-Bromo-3-Methylbutyric Acid. <i>Chemistry</i> , <b>2020</b> , 2, 691-699	2.1	0
11	Structural Characterization of Heterodinuclear ZnII-LnIII Complexes (Ln = Pr, Nd) with a Ring-Contracted H2valdien-Derived Schiff Base Ligand. <i>Journal of Chemical Crystallography</i> , 1	0.5	0
10	Cleavage of 2,2'-Dithiobis(pyridine N-oxide) in the Presence of Group 12 Metal Ions: Crystal Structures of [Hg2X2(pyrithionate)2] (X = Br, I) and Redetermination of [Zn2(pyrithionate)4]. <i>Crystallography Reports</i> , <b>2021</b> , 66, 1000-1005	0.6	0
9	Efficient Synthesis of Benzothiazinone Analogues with Activity against Intracellular Mycobacterium tuberculosis.. <i>ChemMedChem</i> , <b>2021</b> , e202100733	3.7	0
8	Face-to-Face Stacking and Saddle Distortion of 5,10,15,20-Tetra(4-hydroxyphenyl)porphyrinatocopper(II) in Two New Solvates. <i>Journal of Chemical Crystallography</i> , <b>2017</b> , 47, 187-197	0.5	
7	The 1:1 Proton-Transfer Compounds of N,N -dimethyl-4-[(E)-2-(4-pyridinyl)vinyl]aniline with 3-Nitrophthalic and Perchloric acids. <i>Journal of Chemical Crystallography</i> , <b>2015</b> , 45, 86-93	0.5	
6	[2,2',6,6'-Tetramethyl-4,4'-bipyridine- $\kappa$ N1:N1'-bis[(diethylenetriamine- $\kappa$ N,N',N'')]palladium(II)] tetranitrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2011</b> , 67, m199-201		
5	cis-Bis(nitrato- $\kappa$ O')bis-(triethyl-phosphine oxide- $\kappa$ O)nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, m612		
4	Crystal structure of {6,6'-dihydroxy-2,2'-[imino-bis-(propane-1,3-diyl-nitrilo-methanylyl-idene)]diphenolato- $\kappa$ (5) O(1),N,N',N'',O(1')}]copper(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, m203-4	0.7	
3	A synchrotron study of [5,10,15,20-tetrakis(3-cyanophenyl)porphyrinato- $\kappa$ (N,N,N)]copper(II) nitrobenzene trisolvate at 80 K. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2016</b> , 72, 861-866	0.8	
2	Regarding configuration and hydrogen atom placement in Development of new L-Serine Squarate single crystal[Tyagi et al., J. Mol. Struct. 1224 (2021) 129190]. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1229, 129590	3.4	
1	New Insight into Dearomatization and Decarbonylation of Antitubercular 4H-Benzo[e][1,3]thiazinones: Stable 5H- and 7H-Benzo[e][1,3]thiazines.. <i>ChemMedChem</i> , <b>2022</b> , e202200021	3.7	