

Ferdinand Belaj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2274231/publications.pdf>

Version: 2024-02-01

157
papers

2,701
citations

172457

29
h-index

265206

42
g-index

160
all docs

160
docs citations

160
times ranked

2790
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid microwave-assisted solution phase synthesis of substituted 2-pyridone libraries. <i>Tetrahedron</i> , 2004, 60, 8633-8644.	1.9	173
2	Regio- and Stereoselective Monoamination of Diketones without Protecting Groups. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6713-6716.	13.8	96
3	Synthesis, characterization and spectroscopic and electrochemical studies of new axially coordinated cobalt(III) salen (salen=N,N'-bis(salicylidene)-1,2-ethylenediamine) complexes. The crystal structure of [CoIII(salen)(aniline)2]ClO4. <i>Polyhedron</i> , 2006, 25, 1893-1900.	2.2	69
4	On the reaction of 3,4-dihydropyrimidones with nitric acid. Preparation and X-ray structure analysis of a stable nitrolic acid. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 1345-1352.	2.6	57
5	Chemoenzymatic Total Synthesis of Deoxyepi- and Podophyllotoxin and a Biocatalytic Kinetic Resolution of Dibenzylbutyrolactones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8226-8230.	13.8	56
6	Novel Pyridazine Based Scorpionate Ligands in Cobalt and Nickel Boratrane Compounds. <i>Inorganic Chemistry</i> , 2011, 50, 1991-2001.	4.0	53
7	Oxo-molybdenum and oxo-tungsten complexes of Schiff bases relevant to molybdoenzymes. <i>Dalton Transactions</i> , 2009, , 5655.	3.3	52
8	Dioxomolybdenum(VI) Complexes with Pyrazole Based Aryloxy Ligands: Synthesis, Characterization and Application in Epoxidation of Olefins. <i>Inorganic Chemistry</i> , 2012, 51, 7642-7649.	4.0	52
9	Long-Wavelength-Absorbing and -Emitting Carbostyrils with High Fluorescence Quantum Yields. <i>Helvetica Chimica Acta</i> , 1999, 82, 1408-1417.	1.6	50
10	Dimeric μ_4 -oxo bridged molybdenum(vi) dioxo complexes as catalysts in the epoxidation of internal and terminal alkenes. <i>New Journal of Chemistry</i> , 2013, 37, 2139.	2.8	45
11	Halide Ligands "More Than Just σ -Donors? A Structural and Spectroscopic Study of Homologous Organonickel Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 11324-11333.	4.0	44
12	Isolation, Conformational Analysis and X-Ray Structure Determination of a Trifluoromethyl-stabilized Hexahydropyrimidine " An Intermediate in the Biginelli Reaction. <i>Heterocycles</i> , 1999, 51, 77.	0.7	43
13	Formation and hydrogen bonding of a novel POSS-trisilanol. <i>Dalton Transactions</i> , 2009, , 163-167.	3.3	43
14	Pyridazine Based Scorpionate Ligand in a Copper Boratrane Compound. <i>Inorganic Chemistry</i> , 2011, 50, 12632-12640.	4.0	43
15	Dioxomolybdenum(VI) and μ -tungsten(VI) Complexes with Multidentate Aminobisphenol Ligands as Catalysts for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3572-3579.	2.0	43
16	Structural Variety and Multiple Isomerism in 1-(Dimethylamino)propyl-2-chalcogenolate and 2-(Dimethylamino)propyl-1-chalcogenolate Complexes of Palladium(II) and Platinum(II): Synthesis, Spectroscopy and Structures. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4510-4520.	2.0	42
17	Absolute Configuration in 4-Alkyl- and 4-Aryl-3,4-dihydro-2(1H)-pyrimidones: A Combined Theoretical and Experimental Investigation. <i>Journal of Organic Chemistry</i> , 2001, 66, 6685-6694.	3.2	39
18	Synthesis, characterization, electrochemical and spectroscopic investigation of cobalt(III) Schiff base complexes with axial amine ligands: The layered crystal structure of [CoIII(salophen)(4-picoline)2]ClO4 \cdot CH2Cl2. <i>Inorganica Chimica Acta</i> , 2007, 360, 3255-3264.	2.4	39

#	ARTICLE	IF	CITATIONS
19	Efficient CO ₂ Insertion and Reduction Catalyzed by a Terminal Zinc Hydride Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6906-6909.	13.8	39
20	One-pot synthesis of 4-aminobicyclo[2.2.2]octan-2-ones. <i>Tetrahedron</i> , 1998, 54, 14015-14022.	1.9	38
21	Neat carbomethoxypivaloylketene preparation and chemical reactivity. <i>Tetrahedron</i> , 2001, 57, 6757-6763.	1.9	37
22	Silanetriols as Powerful Starting Materials for Selective Condensation to Bulky POSS Cages. <i>Organometallics</i> , 2014, 33, 7299-7306.	2.3	37
23	Activation of molecular oxygen by a molybdenum complex for catalytic oxidation. <i>Dalton Transactions</i> , 2015, 44, 20514-20522.	3.3	36
24	Synthesis of Methyl 2-Acetamido-2-deoxy-1-seleno-β-D-gluco- and galacto-pyranoside: Selenium Metabolites in Human Urine. <i>Australian Journal of Chemistry</i> , 2004, 57, 1051.	0.9	33
25	Diphospha[2]ferrocenophane (alias 1,4-dihydrotetraphosphaneoxide): Stereoselective Formation via Hydrolytic P-Cl Bond Formation. <i>Chemistry - A European Journal</i> , 2009, 15, 12589-12591.	3.3	32
26	Oxorhenium(V) Complexes with Ketiminato Ligands: Coordination Chemistry and Epoxidation of Cyclooctene. <i>Inorganic Chemistry</i> , 2009, 48, 11608-11614.	4.0	32
27	Synthesis and Intermediates in the Formation of a Terphenyl-Substituted Silanetriol: Activation through Hypervalency. <i>Organometallics</i> , 2004, 23, 4897-4901.	2.3	31
28	Formation of a Silylated 1-Silaallene via an Intermediate 1-Chloro-1-silaallene. <i>Organometallics</i> , 2010, 29, 2981-2986.	2.3	31
29	Replacement of an Oxo by an Imido Group in Oxotransferase Model Compounds: Influence on the Oxygen Atom Transfer. <i>Inorganic Chemistry</i> , 2010, 49, 8914-8921.	4.0	31
30	Optimized Synthesis of Tetrafluoroterephthalic Acid: A Versatile Linking Ligand for the Construction of New Coordination Polymers and Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2010, 49, 9350-9357.	4.0	31
31	Oxorhenium(V) Complexes with Phenolate-Oxazoline Ligands: Influence of the Isomeric Form on the O-Atom-Transfer Reactivity. <i>Inorganic Chemistry</i> , 2014, 53, 12918-12928.	4.0	28
32	Silanol-Based Surfactants: Synthetic Access and Properties of an Innovative Class of Environmentally Benign Detergents. <i>Chemistry - A European Journal</i> , 2014, 20, 9330-9335.	3.3	28
33	Flow Technology for Telescoped Generation, Lithiation and Electrophilic (C ₃) Functionalization of Highly Strained 1-Azabicyclo[1.1.0]butanes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6395-6399.	13.8	28
34	A Radical Approach to Hydroxylaminotrichlorosilanes: Synthesis, Reactivity, and Crystal Structure of TEMPO-SiCl ₃ (TEMPO = 2,2,6,6-tetramethylpiperidine-N-oxyl). <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 289-297.	2.0	26
35	Oxygen activation and catalytic aerobic oxidation by Mo(IV)/Mo(VI) complexes with functionalized iminophenolate ligands. <i>Dalton Transactions</i> , 2016, 45, 14549-14560.	3.3	26
36	Thiopyridazine-Based Copper Boratrane Complexes Demonstrating the Z-type Nature of the Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 4980-4991.	4.0	25

#	ARTICLE	IF	CITATIONS
37	Hydroxynitrile lyase catalysed synthesis of heterocyclic (R)- and (S)-cyanohydrins. <i>Tetrahedron</i> , 2004, 60, 10411-10418.	1.9	24
38	Molybdenum(VI) Dioxo Complexes with Tridentate Phenolate Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 10211-10221.	4.0	24
39	Synthesis, structure and π -delocalization of a phosphalkenyl based neutral PNP-pincer. <i>Inorganica Chimica Acta</i> , 2011, 374, 211-215.	2.4	24
40	Dioxomolybdenum(VI) complexes with naphtholate-oxazoline ligands in catalytic epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , 2014, 385, 54-60.	4.8	23
41	Iron catalyzed oxidation of benzylic alcohols to benzoic acids. <i>Dalton Transactions</i> , 2018, 47, 6412-6420.	3.3	22
42	Synthesis and structure of a silanetriol via hydroxodearylation involving C-Si bond cleavage. <i>Inorganica Chimica Acta</i> , 2005, 358, 444-448.	2.4	21
43	Pyridazine-Based Ligands and Their Coordinating Ability towards First-Row Transition Metals. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2297-2305.	2.0	21
44	Copper Complexes with a Hybrid Scorpionate Ligand Containing Pyridazine-3-thione. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4701-4707.	2.0	20
45	Oxorhenium(V) Complexes with Phenolate-Pyrazole Ligands for Olefin Epoxidation Using Hydrogen Peroxide. <i>Inorganic Chemistry</i> , 2014, 53, 12832-12840.	4.0	20
46	Oxorhenium(V) complexes with naphtholate-oxazoline ligands in the catalytic epoxidation of olefins. <i>Polyhedron</i> , 2014, 75, 141-145.	2.2	20
47	Towards Structural-Functional Mimics of Acetylene Hydratase: Reversible Activation of Acetylene using a Biomimetic Tungsten Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13018-13021.	13.8	20
48	One-pot syntheses of 2-pyrazoline derivatives. <i>Tetrahedron</i> , 2003, 59, 2811-2819.	1.9	19
49	New 1,3-Thiazoles and 1,3-Thiazines from 1-Thiocarbamoylpyrazoles. <i>Monatshefte für Chemie</i> , 2003, 134, 1623-1628.	1.8	18
50	Chemoenzymatic Synthesis of Enantiomerically Pure <i>syn</i> -Configured 1-Aryl-3-methylisochroman Derivatives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 111-121.	2.4	18
51	Dimer formation upon deprotonation: synthesis and structure of a <i>m</i> -terphenyl substituted (R,S)-dilithium disiloxanolate disilanol. <i>Dalton Transactions</i> , 2015, 44, 12818-12823.	3.3	18
52	Bis(diethylamino)(pentafluorophenyl)phosphane - a Push-Pull Phosphane Available for Coordination. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2588-2596.	2.0	17
53	Oxidorhenium(V) Complexes with Tetradentate Iminophenolate Ligands: Influence of Ligand Flexibility on the Coordination Motif and Oxygen-Atom-Transfer Activity. <i>Inorganic Chemistry</i> , 2016, 55, 5973-5982.	4.0	17
54	Oxygen Atom Transfer Reactivity of Molybdenum(VI) Complexes Employing Pyrimidine- and Pyridine-2-thiolate Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 14577-14593.	4.0	17

#	ARTICLE	IF	CITATIONS
55	Synthesis and chemical reactivity of methoxycarbonyl-1,3-dioxinyl(pivaloyl)ketene—a persistent $\dot{\pm}$ -oxoketene. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 599-605.	1.3	16
56	2,6,9-Trioxabicyclo[3.3.1]nona-3,7-dienes and 2,4,6,8-Tetraoxadamantanes: Novel Chiral Spacer Units in Macrocyclic Polyethers. <i>Supramolecular Chemistry</i> , 2002, 14, 383-397.	1.2	16
57	Heterolytic Si^{\sim}H Bond Cleavage at a Molybdenum—Oxo—Based Lewis Pair. <i>Chemistry - A European Journal</i> , 2018, 24, 7149-7160.	3.3	16
58	Unusual Nonoctahedral Geometry with Molybdenum Oxoimido Complexes Containing $\dot{\pm}$ -2-Pyrazolate Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 150-156.	4.0	15
59	Structural and magnetic properties of cobalt(II) complexes with pyridinecarboxamide ligands. <i>Journal of Molecular Structure</i> , 2014, 1076, 713-718.	3.6	15
60	Activation of Molecular Oxygen by a Molybdenum(IV) Imido Compound. <i>Inorganic Chemistry</i> , 2017, 56, 10147-10150.	4.0	15
61	Exploring the Anion—Cation Interaction in <i>m</i> -Terphenyltetrafluorosilicates by Using Multinuclear NMR Spectroscopy, X-ray Diffraction, and ICR—FT—MS. <i>Chemistry - A European Journal</i> , 2009, 15, 9521-9529.	3.3	14
62	Preparation and Solid State Structures of Tetra(amino)silane Organolithium Compounds Containing a Li_{8} Core Forming a Johnson Solid J26 and a Li_{4} Core. <i>Inorganic Chemistry</i> , 2009, 48, 369-374.	4.0	14
63	An Update on W^{II} and Mo^{II} Carbonyl Precursors and Their Application in the Synthesis of Potentially Bio—Inspired Thiophenolate—Oxazoline Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1559-1567.	1.2	14
64	Hydrogen bond donor functionalized dioxido-molybdenum(VI) complexes as robust and highly efficient precatalysts for alkene epoxidation. <i>Molecular Catalysis</i> , 2017, 443, 209-219.	2.0	14
65	Chemoenzymatische Totalsynthese von Deoxy— <i>epi</i> —und Podophyllotoxin sowie biokatalytische kinetische Racematspaltung von Dibenzylbutyrolactonen. <i>Angewandte Chemie</i> , 2019, 131, 8310-8315.	2.0	14
66	Two new zinc(II) acetates with 3— and 4—aminopyridine: syntheses and structural properties. <i>Acta Chimica Slovenica</i> , 2015, 62, 312-318.	0.6	14
67	Oxidorhenium(V) Complexes with Tridentate and Tetradentate Phenol-Based Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5718-5727.	2.0	13
68	Synthesis of new 1-benzyl tetrahydropyridinylidene ammonium salts and their antimicrobial and anticellular activities. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 97-106.	5.5	13
69	tert—Amino effect at a coumarin and a 2—quinolone system: Synthesis of 1,2 fused 5H—chromeno[4,3-b]pyridin—5—ones and a 6H—benzo[h][1,6]naphthyridin—5—one. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 177-180.	2.6	12
70	Self-assembly of <i>tert</i> -butyl silanetriol in solution and aggregation with tetrahydrofuran. <i>Supramolecular Chemistry</i> , 2011, 23, 801-805.	1.2	12
71	Synthesis of new tetrahydropyridinylidene ammonium salts and their antiprotozoal potency. <i>Monatshefte Für Chemie</i> , 2015, 146, 1299-1308.	1.8	12
72	Photoinduced Reactivity of the Soft Hydrotris(6- <i>tert</i> -butyl-3-thiopyridazinyl)borate Scorpionate Ligand in Sodium, Potassium, and Thallium Salts. <i>Inorganic Chemistry</i> , 2015, 54, 8168-8170.	4.0	12

#	ARTICLE	IF	CITATIONS
73	Structural Mimics of Acetylene Hydratase: Tungsten Complexes Capable of Intramolecular Nucleophilic Attack on Acetylene. <i>Chemistry - A European Journal</i> , 2019, 25, 14267-14272.	3.3	12
74	Activation and Photoinduced Release of Alkynes on a Biomimetic Tungsten Center: The Photochemical Behavior of the W ^{VI} -Phoz System. <i>Chemistry - A European Journal</i> , 2019, 25, 3893-3902.	3.3	12
75	A detailed investigation of the multicomponent reaction of salicylaldehyde, ethyl acetoacetate and isocyanides under microwave heating. <i>Tetrahedron</i> , 2015, 71, 7159-7169.	1.9	11
76	Self-Assembly of Square-Planar Halide Complexes of Trimethylphosphine-Stabilized Diphenyl-Arsenium, -Stibonium, and -Bismuthenium Hexafluorophosphates. <i>Australian Journal of Chemistry</i> , 2016, 69, 524.	0.9	11
77	Three-Fold-Symmetric Selenium-Donor Metallaboratranes of Cobalt and Nickel. <i>Inorganic Chemistry</i> , 2017, 56, 12670-12673.	4.0	11
78	Di-tert-butyl thiopyridazine boratranes complexes of Co, Ni and Cu. <i>Polyhedron</i> , 2017, 125, 122-129.	2.2	11
79	Efficient CO ₂ Insertion and Reduction Catalyzed by a Terminal Zinc Hydride Complex. <i>Angewandte Chemie</i> , 2018, 130, 7022-7025.	2.0	11
80	Flow Technology for Telescoped Generation, Lithiation and Electrophilic (C 3) Functionalization of Highly Strained 1,1,1-Azabicyclo[1.1.0]butanes. <i>Angewandte Chemie</i> , 2021, 133, 6465-6469.	2.0	11
81	2,3,5,6-Tetrafluoro- <i>p</i> -phenylenebis(phosphanes) – Preparation and Structure of an Electron-Poor P ^R -F ^P Linker. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 34-37.	2.0	10
82	A fluoroaryl substituent with spectator function: Reactivity and structures of cyclic and acyclic HF ₄ C ₆ -substituted phosphanes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 974-980.	1.8	10
83	Computational and experimental approaches to the molecular structure of the HCl adduct of Me ₃ PO. <i>Comptes Rendus Chimie</i> , 2010, 13, 923-928.	0.5	10
84	At the Edge of Stability – Preparation of Methyl-substituted Arylsilanetriols and Investigation of their Condensation Behavior. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2631-2636.	1.2	10
85	Cyclotrisulfimide - Synthesis and Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992, 65, 147-150.	1.6	9
86	Hyperolactone C. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2174-o2176.	0.2	9
87	1-(4-Dimethylaminobenzyl)-2-(4-dimethylaminophenyl)-benzimidazole: Synthesis, X-ray crystallography and density functional theory calculations. <i>Journal of Molecular Structure</i> , 2006, 794, 244-250.	3.6	9
88	Tetra-tert-butyltrioxabicyclo[3.3.1]nonadienedicarboxylic Acid: Optical Resolution, Absolute Configuration and Application in Chiral Discrimination. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3382-3388.	2.4	9
89	Phosphorus-Rich Ferrocenophanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 837-844.	1.6	9
90	Dinuclear Mo ^V Complexes with Thiophenolate-oxazoline Ligands: Synthesis, Characterization, and Exceptional Activity in Catalytic Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2808-2817.	2.0	9

#	ARTICLE	IF	CITATIONS
91	Diastereoselective Synthesis and Catalytic Activity of Two Chiral Δ -Dioxidomolybdenum(VI) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2549-2556.	2.0	9
92	Dioxygen Activation with Molybdenum Complexes Bearing Amide-Functionalized Iminophenolate Ligands. <i>Molecules</i> , 2019, 24, 1814.	3.8	9
93	Bioinspired Nucleophilic Attack on a Tungsten-Bound Acetylene: Formation of Cationic Carbyne and Alkenyl Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 8414-8418.	4.0	9
94	Nature-Inspired Homogeneous Catalytic Perchlorate Reduction Using Molybdenum Complexes. <i>ACS Catalysis</i> , 2021, 11, 11754-11761.	11.2	9
95	Structure of N-(dichlorophosphinoyl)phosphorimidic trichloride, Cl ₃ PNP(O)Cl ₂ , at 100 K. <i>Acta Crystallographica Section B: Structural Science</i> , 1993, 49, 254-258.	1.8	8
96	Templated C-C and C-N Bond Formation Facilitated by a Molybdenum(VI) Metal Center. <i>Inorganic Chemistry</i> , 2015, 54, 11969-11976.	4.0	8
97	Coordinative Flexibility of a Thiophenolate Oxazoline Ligand in Nickel(II), Palladium(II), and Platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1569-1578.	2.0	8
98	Synthesis and Characterization of a Thiopyridazinylmethane-Based Scorpionate Ligand: Formation of Zinc Complexes and Rearrangement Reaction. <i>Organometallics</i> , 2017, 36, 3790-3798.	2.3	8
99	Mercaptoaryl Oxazoline Complexes of Palladium and Their High Activities as Catalysts for Suzuki-Miyaura Coupling Reactions in Water. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 568-575.	2.0	8
100	Thiopyridazine-Based Palladium and Platinum Boratrane Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 6921-6931.	4.0	8
101	Hydroalkylation of Aryl Alkenes with Organohalides Catalyzed by Molybdenum Oxido Based Lewis Pairs. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3170-3182.	4.3	8
102	Vapochromism and Magnetochemical Switching of a Nickel(II) Paddlewheel Complex by Reversible NH ₃ Uptake and Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13401-13404.	13.8	8
103	Tetrasilvermesoperiodate, Ag ₄ H ₂ I ₂ O ₁₀ : Structure and Color Phenomenon. <i>Journal of Solid State Chemistry</i> , 1994, 113, 393-397.	2.9	7
104	Synthesis of Novel Diazabicycles and their Antiprotozoal Activities. <i>Australian Journal of Chemistry</i> , 2009, 62, 1166.	0.9	7
105	P-C bond formation via P-H addition of a fluoroaryl phosphinic acid to ketones. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1025-1031.	1.7	7
106	Molecular cleft or tweezer compounds derived from trioxabicyclo[3.3.1]nonadiene diisocyanate and diacid dichloride. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1-8.	2.2	7
107	A new chromanone derivative isolated from <i>Hypericum lissophloeus</i> (Hypericaceae) potentiates GABA _A receptor currents in a subunit specific fashion. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 681-685.	3.0	7
108	Preparation and Molecular Structure of a Cyclopentyl-Substituted Cage Hexasilsesquioxane T ₆ (T =) T _j ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	7

#	ARTICLE	IF	CITATIONS
109	Complexes as Acetylene Hydratase Models. <i>Chemistry - A European Journal</i> , 2020, 26, 12431-12444.	3.3	7
110	A one-dimensional coordination polymer formed by a 2:1 adduct of trifluoroacetic acid and its sodium salt. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 365-367.	1.7	6
111	Synthesis and structure of a new 1,2-bridged calix[6]arene. <i>Supramolecular Chemistry</i> , 2012, 24, 279-284.	1.2	6
112	Zinc Scorpionate Complexes with a Hybrid (Thiopyridazinyl)(thiomethimidazolyl)borate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2609-2614.	2.0	6
113	Bioinspired Tungsten Complexes Employing a Thioether Scorpionate Ligand. <i>Inorganic Chemistry</i> , 2019, 58, 8179-8187.	4.0	6
114	Preparation of new 1,3-dibenzyl tetrahydropyridinylidene ammonium salts and their antimicrobial and anticellular activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112969.	5.5	6
115	Catalytic reduction of nitrate by an oxidorhenium (V) complex. <i>Journal of Catalysis</i> , 2021, 397, 108-115.	6.2	6
116	Synthesis and Reactivity of a Bioinspired Molybdenum(IV) Acetylene Complex. <i>Organometallics</i> , 2021, 40, 2576-2583.	2.3	6
117	[1,2,4]Triazolo[1,2-a][1,2,4]triazole-1,3,5,7(2H,6H)-tetrone (Urazourazole), Synthesis and Structure. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 701-703.	4.4	5
118	Synthesis and Structure of a 2,4-Unsubstituted cis/trans-1,3-Disilacyclobutane by Dehydrofluorination of a Highly Hindered Fluorosilane. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2151-2155.	2.0	5
119	Synthesis of antiprotozoal diamines by regioselective insertion of nitrogen into a bicyclic ring system. <i>Monatshefte für Chemie</i> , 2014, 145, 1319-1327.	1.8	5
120	Unusual C–N Coupling Reactivity of Thiopyridazines: Efficient Synthesis of Iron Diorganotrисульфide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 8159-8165.	4.0	5
121	Stereoisomers and functional groups in oxidorhenium(IV) complexes: effects on catalytic activity. <i>Dalton Transactions</i> , 2019, 48, 8106-8115.	3.3	5
122	Crystallographic report: tert-Butyldifluoro(2,4,6-tris-iso-propylphenyl)silane, t-Bu(2,4,6-i-PrC ₆ H ₂)SiF ₂ . <i>Applied Organometallic Chemistry</i> , 2004, 18, 300-301.	3.5	4
123	A Structural Comparison of Organoterminated Selenide, Diselenide, and Triselenide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1467-1474.	1.6	4
124	Drug combination study of novel oxorhenium(V) complexes. <i>Journal of Inorganic Biochemistry</i> , 2022, 231, 111807.	3.5	4
125	Die röntgenstrukturanalysen von (E)- und (Z)-2-Buten-1,4-diyl-dithiocyanat bei 93 K. <i>Helvetica Chimica Acta</i> , 1988, 71, 1235-1241.	1.6	3
126	Crystal structure and theoretical investigation of the configurations of 1,3-dichloro-1,3-diazetidine-2,4-dione and 1,3-bis(trimethylsilyl)-1,3-diazetidine-2,4-dione. <i>Heteroatom Chemistry</i> , 1991, 2, 487-494.	0.7	3

#	ARTICLE	IF	CITATIONS
127	Structure and thermal motion of tetrakis(trichlorophosphazeno)phosphonium dichloroiodate(I), [P(NPCl ₃) ₄] ⁺ [ICl ₂] ⁻ ·2[(CCl ₄) _x (CHCl ₃) _{1-x}], x = 0.67 (2). Acta Crystallographica Section B: Structural Science, 1995, 51, 65-71.	1.8	3
128	1,3-Diphenyl-3,4-dihydrobenzo[b][1,6]naphthyridine. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1114-o1114.	0.2	3
129	Bioinspired models for an unusual 3-histidine motif of diketone dioxygenase enzyme. Dalton Transactions, 2019, 48, 14326-14336.	3.3	3
130	The Effect of Pyridine-2-thiolate Ligands on the Reactivity of Tungsten Complexes toward Oxidation and Acetylene Insertion. Organometallics, 2021, 40, 3591-3598.	2.3	3
131	New strategies towards advanced CT contrast agents. Development of neutral and monoanionic sulfur-bridged W(^{<sc>v</sc>}) dimeric complexes. Dalton Transactions, 2022, 51, 11086-11097.	3.3	3
132	Structures and electron density distributions of [Cl-P(NPCl ₃) ₃] ⁺ .Cl ⁻ and [Cl-P(NPCl ₃) ₃] ⁺ .PCl ₆ ⁻ ·1/2C ₂ H ₂ Cl ₄ at 100 K. Acta Crystallographica Section B: Structural Science, 1992, 48, 598-604.	1.8	2
133	Elucidation of the Reaction Products of Acetonitrile with Phosphorus Pentachloride. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 147, 27-27.	1.6	2
134	Structural Investigations of the Reaction Products of Nitriles with PCl ₅ . Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2199-2200.	1.6	2
135	Investigations on the Formation of 4-Aminobicyclo[2.2.2]-octanones. Molecules, 2005, 10, 521-533.	3.8	2
136	Diarylcyclohexanones: synthons for new bicyclic compounds. Monatshefte für Chemie, 2012, 143, 145-152.	1.8	2
137	A tetranuclear nickel(II) heterocubane complex of a bidentate N,O-hydroxymethyl-oxazoline ligand. Synthesis, characterization, magnetic measurements and DFT investigations. Journal of Coordination Chemistry, 2016, 69, 433-446.	2.2	2
138	Synthesis of new pyrido-benzodiazepine salts and their antimicrobial activities. Monatshefte für Chemie, 2017, 148, 263-274.	1.8	2
139	Synthesis, structure and catalytic properties of bis[2-(trifluoromethyl)phenyl]silanediol. Applied Organometallic Chemistry, 2018, 32, e4427.	3.5	2
140	Mono- and Hexanuclear Zinc Halide Complexes with Soft Thiopyridazine Based Scorpionate Ligands. Inorganics, 2019, 7, 24.	2.7	2
141	Isomers in chlorido and alkoxido-substituted oxidorhenium(V) complexes: effects on catalytic epoxidation activity. Dalton Transactions, 2020, 49, 11142-11149.	3.3	2
142	Synthesis and Reactivity of Molybdenum and Tungsten Alkyne Complexes Containing 6-Methylpyridine-2-thiolate Ligands. Helvetica Chimica Acta, 2021, 104, e2100137.	1.6	2
143	E-Notopterol. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o545-o545.	0.2	2
144	{(Hydrogen) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (2,2,2-boranetriyl)tris[6-tert-butyl-4-methylpyridazine-3(2H)-thione]} chloroform disolvate. IUCrData, 2017, 2, .	0.3	2

#	ARTICLE	IF	CITATIONS
145	Crystal Structure and Spectroscopic Investigation of 1,3-Dichloro-1,3-Diazetidene-2,4-Dione and 1,3-Bis(Trimethylsilyl)-1,3-Diazetidene-2,4-Dione. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 65, 25-28.	1.6	1
146	Structure and thermal motion of sulfonylbis(phosphorimidic trichloride), $\text{So}_2(\text{NPCI}_3)_2$ at 100 K. Acta Crystallographica Section B: Structural Science, 1995, 51, 161-166.	1.8	1
147	Structure and Motion of Tetrakis(trichlorophosphazeno)phosphonium Hexachlorophosphate, $[\text{P}(\text{NPCI}_3)_4]^+\text{PCl}_6^-$, at 93 K. Acta Crystallographica Section B: Structural Science, 1997, 53, 923-927.	1.8	1
148	Structures of the Phosphazenes $[\text{ClC}(\text{NPCI}_3)_2]^+\text{PCl}_6^-$ and $[\text{CH}_3\text{C}(\text{NPCI}_3)_2]^+\text{SbCl}_6^-$ at 90 K. Acta Crystallographica Section B: Structural Science, 1997, 53, 953-960.	1.8	1
149	Asymmetric Allylation Catalyzed by Chiral Phosphoric Acids: Stereoselective Synthesis of Tertiary Alcohols and a Reagent-Based Switch in Stereopreference. Advanced Synthesis and Catalysis, 2021, 363, 3138-3143.	4.3	1
150	(Acetamide- O)(2,2,2-trifluoroethoxy)borane-tris[6-tert-butyl-4-methylpyridazine-3(2H)-thione]- $\text{B}_4\text{S}_2\text{S}_2$ copper(I) trifluoromethanesulfonate chloroform disolvate. IUCrData, 2018, 3, .	0.3	1
151	Chlorination of Aromatic Rings by PCL_5 . Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 132-136.	1.6	0
152	3-Hydroxy-28-norolea-12,17-dien-11-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o842-o842.	0.2	0
153	Heterolytic Si^{\sim}H Bond Cleavage at a Molybdenum-Oxo-Based Lewis Pair. Chemistry - A European Journal, 2018, 24, 7073-7073.	3.3	0
154	Vapochromism and Magnetochemical Switching of a Nickel(II) Paddlewheel Complex by Reversible NH_3 Uptake and Release. Angewandte Chemie, 2021, 133, 13513-13516.	2.0	0
155	Unexpected ring-opening of 2,3-dihydropyridines. Monatshefte für Chemie, 2021, 152, 1377-1387.	1.8	0
156	2-H-[1,3]Thiazolo[5,4,3-ij]quinolin-3-ium chloride monohydrate. IUCrData, 2020, 5, .	0.3	0
157	Synthesis and structure of two isomers of a molybdenum(II) 2-butyne complex stabilized by bioinspired S-, N-bidentate ligands. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 218-222.	0.5	0