

Victor G Young Jr

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132
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#	Paper	IF	Citations
131	O ₂ activation by nonheme iron complexes: A monomeric Fe(III)-Oxo complex derived from O ₂ . <i>Science</i> , 2000 , 289, 938-41	33.3	383
130	Transformation of Coordinated Dinitrogen by Reaction with Dihydrogen and Primary Silanes. <i>Science</i> , 1997 , 275, 1445-1447	33.3	353
129	Synthesis and Structures of Mono- and Bis(amidinate) Complexes of Aluminum. <i>Organometallics</i> , 1997 , 16, 5183-5194	3.8	202
128	Crystal Structure of a Synthetic High-Valent Complex with an Fe ₂ (O) ₂ Diamond Core. Implications for the Core Structures of Methane Monooxygenase Intermediate Q and Ribonucleotide Reductase Intermediate X. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5230-5237	16.4	140
127	Discrete Yttrium(III) Complexes as Lactide Polymerization Catalysts. <i>Macromolecules</i> , 1999 , 32, 2400-2403	2.5	133
126	Cationic Aluminum Alkyl Complexes Incorporating Aminotroponiminate Ligands. <i>Journal of the American Chemical Society</i> , 1998 , 120, 8277-8278	16.4	131
125	Comparison of structurally analogous Zn ₂ , Co ₂ , and Mg ₂ catalysts for the polymerization of cyclic esters. <i>Dalton Transactions</i> , 2006 , 928-36	4.3	119
124	Three-coordinate copper(II)-phenolate complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 6097-107	5.1	109
123	Aluminum Alkyl Complexes Containing Guanidinate Ligands. <i>Organometallics</i> , 1998 , 17, 3265-3270	3.8	105
122	Coordination of rare-earth elements in complexes with monovacant Wells-Dawson polyoxoanions. <i>Inorganic Chemistry</i> , 2001 , 40, 1894-901	5.1	98
121	Antineoplastic agents 430. Isolation and structure of cibrostatins 3, 4, and 5 from the republic of maldives cibrochalina species. <i>Journal of Natural Products</i> , 2000 , 63, 793-8	4.9	93
120	A Functionalized Polyoxometalate Bearing a Ferrocenylimido Ligand: Preparation and Structure of [(FcN)Mo ₆ O ₁₈] ₂ . <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 2547-2548	90	
119	Aluminum Complexes Incorporating Bulky Nitrogen and Sulfur Donor Ligands. <i>Organometallics</i> , 1998 , 17, 4042-4048	3.8	82
118	Anhydrous Metal Nitrates as Volatile Single Source Precursors for the CVD of Metal Oxide Films. <i>Chemical Vapor Deposition</i> , 1998 , 04, 220-222		78
117	Hydrogen-Bonding Cavities about Metal Ions: Synthesis, Structure, and Physical Properties for a Series of Monomeric M-OH Complexes Derived from Water. <i>Inorganic Chemistry</i> , 2001 , 40, 4733-4741	5.1	78
116	Synthesis and Crystal Structure of the Bis(allyl)calcium Complex [Ca{C ₃ (SiMe ₃) ₂ H ₃ } ₂ ?(thf) ₂]. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 217-219	16.4	73
115	Properties, solution state behavior, and crystal structures of chelates of DOTMA. <i>Inorganic Chemistry</i> , 2011 , 50, 7955-65	5.1	71

114	Plastic Phase Transitions in N-Ethyl-N-methylpyrrolidinium Bis(trifluoromethanesulfonyl)imide. <i>Chemistry of Materials</i> , 2006 , 18, 934-938	9.6	65
113	Carborane-containing liquid crystals: synthesis and structural, conformational, thermal, and spectroscopic characterization of diheptyl and diheptynyl derivatives of p-carboranes. <i>Inorganic Chemistry</i> , 2001 , 40, 6622-31	5.1	60
112	Reactivity of Peroxo- and Bis(EBXO)dicopper Complexes with Catechols. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 207-210	16.4	59
111	High Tg aliphatic polyesters by the polymerization of spiro lactide derivatives. <i>Polymer Chemistry</i> , 2010 , 1, 870	4.9	57
110	A Diazoalkane Derivative of a Polyoxometalate: Preparation and Structure of [Mo ₆ O ₁₈ (NNC(C ₆ H ₄ OCH ₃)CH ₃) ₂]. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1145-6	16.4	56
109	Alkyl vs. alkoxy chains on ionic liquid cations. <i>Chemical Communications</i> , 2006 , 3708-10	5.8	55
108	Diastereoselective Intramolecular CH bond Activation by Optically Active Tris(pyrazolyl)hydroborate Complexes of Rhodium. <i>Organometallics</i> , 1996 , 15, 4133-4140	3.8	52
107	Isostructurality among Five Solvates of Phenylbutazone. <i>Crystal Growth and Design</i> , 2004 , 4, 1195-1201	3.5	50
106	Investigations of Electronic Interactions Between closo-Boranes and Triple-Bonded Substituents. <i>Collection of Czechoslovak Chemical Communications</i> , 2002 , 67, 1061-1083		49
105	10-vertex closo-boranes as potential pi linkers for electronic materials. <i>Inorganic Chemistry</i> , 2000 , 39, 2243-5	5.1	44
104	Anionic amino acid [closo-1-CB ₉ H ₈ -1-COO-10-NH ₃] ⁻ and dinitrogen acid [closo-1-CB ₉ H ₈ -1-COOH-10-N ₂] as key precursors to advanced materials: synthesis and reactivity. <i>Inorganic Chemistry</i> , 2010 , 49, 1166-79	5.1	43
103	The First Structure Determination of a Possible Intermediate in Ruthenium 2,2Bis(diphenylphosphino)-1,1Binaphthyl Catalyzed Hydrogenation with a Prochiral Group Bound to Ruthenium. Stoichiometric Reaction of a Chiral RutheniumCarbon Bond with Dihydrogen Gas. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2940-2941	16.4	43
102	Crystal structures of a family of silver cyanide complexes of thiourea and substituted thioureas. <i>Inorganic Chemistry</i> , 2000 , 39, 3479-84	5.1	43
101	The Planar Blatter Radical: Structural Chemistry of 1,4-Dihydrobenzo[e][1,2,4]triazin-4-yls. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11149-52	16.4	43
100	A Luminescent Sensor Responsive to Common Oxoacids: X-ray Crystal Structure of [H ₃ O ⁺] _{1.8} -Oxybis(ethyleneoxyethyleneoxy)anthracene-9,10-dione]ClO ₄ . <i>Journal of the American Chemical Society</i> , 1997 , 119, 12477-12480	16.4	41
99	Sterically Crowded Gallium Amidinate Complexes. <i>Organometallics</i> , 1999 , 18, 4619-4623	3.8	40
98	Crystallographic Evidence for a Sterically Induced Ferryl Tilt in a Non-Heme Oxoiron(IV) Complex that Makes it a Better Oxidant. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9387-9391	16.4	38
97	First Paramagnetic Zerovalent Transition Metal Isocyanides. Syntheses, Structural Characterizations, and Magnetic Properties of Novel Low-Valent Isocyanide Complexes of Vanadium1. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4678-4691	16.4	37

96	Dioxygen Reactivity of Fully Reduced $[LF_{\text{II}}\text{Cu}]^+$ Complexes Utilizing Tethered Tetraarylporphyrinates: Active Site Models for Heme-Copper Oxidases. <i>Inorganic Chemistry</i> , 1999 , 38, 2244-2245	5.1	37
95	Polar derivatives of the $[\text{closo-1-CB}_9\text{H}_{10}]^{2-}$ cluster as positive Δ -additives to nematic hosts. <i>Journal of Materials Chemistry</i> , 2009 , 19, 9204		36
94	A coordination network containing non-coordinating polyoxometalate clusters as counterions. <i>Dalton Transactions</i> , 2003 , 4678	4.3	36
93	Hydrogen-Bonding Cavities about Metal Ions: A Redox Pair of Coordinatively Unsaturated Paramagnetic Co-OH Complexes. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 666-669	16.4	36
92	First Isolation and Structural Characterization of Bis(Anthracene)Metal Complexes: $[\text{Ti}(\text{C}-\text{C}_{14}\text{H}_{10})(\text{C}-\text{C}_{14}\text{H}_{10})(\text{dmpe})]$ and $[\text{Ti}(\text{C}-\text{C}_{14}\text{H}_{10})(\text{C}-\text{C}_{14}\text{H}_{10})(\text{C}-\text{C}_5\text{Me}_5)]$. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 155-158	16.4	34
91	Formation of Novelansa-Carborane Alkoxide Complexes by Carbonylation of $(\text{C}_5\text{Me}_5)(\text{C}-\text{C}_2\text{B}_9\text{H}_{11})\text{TiMe}$. <i>Organometallics</i> , 1998 , 17, 1085-1091	3.8	34
90	Towards homoleptic naphthalenemetalates of the later transition metals: isolation and characterization of naphthalenecobaltates(1-). <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7268-71	16.4	33
89	Ligand Elaboration Mediated by a $\text{Cp}^*\text{W}(\text{NO})$ Template: Stepwise Incorporation of Small Molecules into a Tungsten Vinyl Fragment. <i>Organometallics</i> , 1998 , 17, 854-871	3.8	33
88	Synthese und Kristallstruktur des Bis(allyl)-Calciumkomplexes $[\text{Ca}\{\text{C}_3(\text{SiMe}_3)_2\text{H}_3\}_2(\text{thf})_2]$. <i>Angewandte Chemie</i> , 1999 , 111, 241-242	3.6	32
87	Synthesis and Structures of rac- $\text{Me}_2\text{Si}(\text{C}-1\text{-indenyl})_2\text{Hf}(\text{NMe}_2)_2$ and $\{\text{Me}_2\text{Si}(\text{C}-1\text{-indenyl})(\text{C}-2\text{-indenyl})\}\text{Hf}(\text{NMe}_2)_2$. <i>Organometallics</i> , 1997 , 16, 3044-3050	3.8	31
86	Eight-Coordinate, Stable Fe(II) Complex as a Dual F and CEST Contrast Agent for Ratiometric pH Imaging. <i>Inorganic Chemistry</i> , 2017 , 56, 12206-12213	5.1	30
85	Using solvent effects to guide the design of a CL-20 cocrystal. <i>CrystEngComm</i> , 2015 , 17, 1564-1568	3.3	29
84	Syntheses and Structural Characterizations of the First 16-, 17-, and 18-Electron Homoleptic Isocyanide Complexes of Vanadium: Hexakis(2,6-dimethyl- phenyl isocyanide)vanadium(I, 0, II). <i>Journal of the American Chemical Society</i> , 1998 , 120, 429-430	16.4	29
83	Syntheses and structures of quinuclidine-stabilized amido- and azidogallanes. <i>Inorganic Chemistry</i> , 2000 , 39, 1705-9	5.1	28
82	Tuning aurophilic interactions in dinuclear phosphinegold(I) thiolates containing hydrogen bonding functionalities. <i>CrystEngComm</i> , 2002 , 4, 517	3.3	27
81	Dome-distortion and fluorine-lined channels: synthesis, and molecular and crystal structure of a metal- and CH bonds-free fluorophthalocyanine. <i>Chemical Communications</i> , 2003 , 1576-1577	5.8	26
80	Ein funktionalisiertes Polyoxometallat mit einem Ferrocenylimido-Liganden: Herstellung und Struktur von $[(\text{FcN})\text{Mo}_6\text{O}_18]^{2-}$. <i>Angewandte Chemie</i> , 1995 , 107, 2751-2753	3.6	26
79	$[\text{closo-B}_{10}\text{H}_{10}]^{2-}$ as a structural element for quadrupolar liquid crystals: a new class of liquid crystalline NLO chromophores. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1144-1159	7.1	25

78	Polynuclear carboxylato-bridged iron(II) clusters: synthesis, structure, and host-guest chemistry. <i>Inorganic Chemistry</i> , 2000 , 39, 1831-3	5.1	25
77	Formal Nickelate(-I) Complexes Supported by Group 13 Ions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7815-7819	16.4	24
76	Pi-stacking interactions in some crystalline cisoid E,E-1,4-diaryl-1,3-butadienes. <i>Chemical Communications</i> , 2003 , 1904-5	5.8	24
75	Synthesis, isolation, and characterization of trisodium tricarbonyliridate (3-), Na ₃ [Ir(CO) ₃]. Initial studies on its derivative chemistry and structural characterizations of trans-[Ir(CO) ₃ (EPPh ₃) ₂](-), E = Ge, Sn, and trans-[Co(CO) ₃ (SnPh ₃) ₂](-1). <i>Inorganic Chemistry</i> , 2001 , 40, 5279-84	5.1	24
74	First Homoleptic Isocyanides of Niobium and Tantalum1. <i>Journal of the American Chemical Society</i> , 1999 , 121, 9237-9238	16.4	24
73	Chloride sensing via suppression of excited state intramolecular proton transfer in squaramides. <i>Chemical Communications</i> , 2013 , 49, 1633-5	5.8	23
72	Tris(1-4-eta 4-anthracene)niobate(1-), the first polyaromatic hydrocarbon complex of niobium. <i>Chemical Communications</i> , 2002 , 2356-7	5.8	22
71	Synthesis and Characterization of Quinuclidinium Derivatives of the [closo-1-CB ₁₁ H ₁₂](-) Anion as Potential Polar Components of Liquid Crystal Materials. <i>Inorganic Chemistry</i> , 2016 , 55, 4016-25	5.1	22
70	Structural and magnetic properties of vanadyl dichloride solvates: from molecular units to extended hydrogen-bonded solids. <i>Dalton Transactions</i> , 2004 , 224-8	4.3	21
69	Efficient preparation of 1,4,8-trimethylcyclam and its conversion into a thioalkyl-pendant pentadentate chelate. <i>Chemical Communications</i> , 2003 , 2894-5	5.8	21
68	Thermodynamic and kinetic studies of H and N binding to bimetallic nickel-group 13 complexes and neutron structure of a Ni(H) adduct. <i>Chemical Science</i> , 2019 , 10, 7029-7042	9.4	20
67	Hydrothermal Synthesis and Structural Characterization of Four Scandium Phosphate Frameworks. <i>Chemistry of Materials</i> , 2003 , 15, 3818-3825	9.6	19
66	Partial Fluorination as a Strategy for Crystal Engineering of Rubrene Derivatives. <i>Crystal Growth and Design</i> , 2017 , 17, 643-658	3.5	15
65	Novel Alkoxo- and Aryloxotitanium Carbonyls. Structural Characterization of [Ti(CO) ₄ (OPh)] ₂₂ - 1. <i>Journal of the American Chemical Society</i> , 1997 , 119, 5980-5981	16.4	15
64	Crystal Structures of DOTMA Chelates from Ce to Yb : Evidence for a Continuum of Metal Ion Hydration States. <i>Chemistry - A European Journal</i> , 2019 , 25, 9997-10005	4.8	14
63	Towards Homoleptic Naphthalenemetalates of the Later Transition Metals: Isolation and Characterization of Naphthalenecobaltates(1-) <i>Angewandte Chemie</i> , 2006 , 118, 7426-7429	3.6	14
62	Trityltitanium Complexes. X-ray Structural Characterization of [Ti(CO) ₄ { $\text{C}_6\text{H}_4\text{R}_3}$]}-(R = H, OCH ₃). <i>Organometallics</i> , 1998 , 17, 13-15	3.8	14
61	B. Proton localization in hydrogen bonds: The proton potential function and dynamics in sodium hydrogen bis(4-nitrophenoxide) dihydrate. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1998 , 102, 370-376	13	

60	Conformational effects on mesophase stability: numerical comparison of carborane diester homologous series with their bicyclo[2.2.2]octane, cyclohexane and benzene analogues. <i>Liquid Crystals</i> , 2008 , 35, 1169-1190	2.3	13
59	Reaktivit von Peroxo- und Di-Peroxo-dikupferkomplexen gegen  Ber Brenzcatechinen. <i>Angewandte Chemie</i> , 1999 , 111, 180-183	3.6	13
58	Syntheses and Structural Characterizations of cis-[M(NO) ₂ (CNXyl)4] ⁺ (M = Nb, Ta; Xyl = 2,6-Me ₂ C ₆ H ₃). The First Dinitrosyls of Niobium and Tantalum1. <i>Organometallics</i> , 1999 , 18, 2744-2746	3.8	13
57	Kristallstrukturanalyse eines synthetischen Nicht-Hn-Dieisen-O ₂ -Adduktes: Einblick in den Mechanismus der Sauerstoff-Aktivierung. <i>Angewandte Chemie</i> , 1996 , 108, 673-676	3.6	13
56	Influence of Copper Oxidation State on the Bonding and Electronic Structure of Cobalt-Copper Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 11330-8	5.1	12
55	Crystal Structures of Nitronium Tetranitratogallate and Its Reversible Solid-State Phase Transition Mediated by Nonmerohedral Twinning. <i>Inorganic Chemistry</i> , 2000 , 39, 4621-4624	5.1	12
54	Aluminum ansa-Indenyl Compounds. Synthesis, Structures, Dynamic Properties, and Application in the Synthesis of Group 4 ansa-Metallocenes. <i>Organometallics</i> , 1999 , 18, 5347-5359	3.8	12
53	Selective modification of the metal coordination environment in heavy alkaline-Earth iodide complexes. <i>New Journal of Chemistry</i> , 2016 , 40, 8229-8238	3.6	12
52	Investigation of (S)-(-)-Acidomycin: A Selective Antimycobacterial Natural Product That Inhibits Biotin Synthase. <i>ACS Infectious Diseases</i> , 2019 , 5, 598-617	5.5	12
51	Elaborate Network of Hydrolysis and Methanolysis Reactions Involving the 2,5-Dimethylthiophene Ligand in Cp*Ir(2,5-Me ₂ T) ²⁺ . <i>Organometallics</i> , 2004 , 23, 1274-1283	3.8	11
50	Ring-Fused 1,4-Dihydro[1,2,4]triazin-4-yls through Photocyclization. <i>Organic Letters</i> , 2020 , 22, 3835-3840	6.2	10
49	Redox Pairs of Diiron and Iron-Cobalt Complexes with High-Spin Ground States. <i>Inorganic Chemistry</i> , 2016 , 55, 9725-9735	5.1	10
48	Synthesis, electrochemical properties, and crystal packing of perfluororubrene. <i>Chemical Communications</i> , 2016 , 52, 8127-30	5.8	10
47	Structural Properties of the Acidification Products of Scandium Hydroxy Chloride Hydrate. <i>Inorganic Chemistry</i> , 2015 , 54, 11831-41	5.1	10
46	Synthesis and structural studies of tris-2-chlorobenzylamine and tris-2-bromobenzylamine. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 177-181	0.5	10
45	Ein Diazoalkanderivat eines Polyoxometallats: Synthese und Struktur von [Mo ₆ O ₁₈ (NN(C ₆ H ₄ OCH ₃)CH ₃)] ₂]. <i>Angewandte Chemie</i> , 1999 , 111, 1215-1217	3.6	10
44	Composition, stability, and structure of a new member of the aenigmatite group, Na ₂ Mg _{4+x} Fe _{3+2-2x} Si _{6+x} O ₂₀ , synthesized at 13-14 GPa. <i>American Mineralogist</i> , 1999 , 84, 257-266	2.9	10
43	Crystallographic Evidence for a Sterically Induced Ferryl Tilt in a Non-Heme Oxoiron(IV) Complex that Makes it a Better Oxidant. <i>Angewandte Chemie</i> , 2018 , 130, 9531-9535	3.6	9

42	Ta(CNDipp) : An Isocyanide Analogue of Hexacarbonyltantalum(0). <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10577-10581	16.4	9
41	Scorpionato Halide Complexes [(TpPh ₂ Me)NiX] [X = Cl, Br, I; TpPh ₂ Me = Hydrotris{3-phenyl-5-methyl-1-pyrazolyl}borate]: Structures, Spectroscopy, and Pyrazole Adducts. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 458-467	2.3	8
40	Synthesis, Structure, Dynamic Properties, and Indenyl Transfer Reactions of {AlMe ₂ (THF)(indenyl)} ₂ SiMe ₂ . <i>Organometallics</i> , 1998 , 17, 281-283	3.8	8
39	Electronic Structure and Reactivity Studies of a Nonsymmetric One-Electron Oxidized Cu Bis-phenoxide Complex. <i>Inorganica Chimica Acta</i> , 2018 , 481, 151-158	2.7	7
38	Structural Characterization of Thermochromic and Spin Equilibria in Solid-State Ni(detu)4Cl ₂ (detu = N,NPDiethylthiourea). <i>Inorganic Chemistry</i> , 2016 , 55, 1469-79	5.1	7
37	Steric and electronic effects on arylthiolate coordination in the pseudotetrahedral complexes [(Tp(Ph ₂ Me))Ni-SAr] (Tp(Ph ₂ Me) = hydrotris{3-phenyl-5-methyl-1-pyrazolyl}borate). <i>Dalton Transactions</i> , 2014 , 43, 17489-99	4.3	7
36	(2-(Dimethylammonium)ethyl)cyclopentadienyltricarbonylmetalates: Group VI Metal Zwitterions. Attenuation of the Brønsted Basicity and Nucleophilicity of Formally Anionic Metal Centers. <i>Organometallics</i> , 2005 , 24, 5116-5126	3.8	7
35	Group VI metal complexes of tris(diphenylphosphinomethyl)phenylborate: modulation of ligand donation via coordination of M(CO) ₃ units at the borate phenyl substituent. <i>Dalton Transactions</i> , 2015 , 44, 3737-44	4.3	6
34	Illustrating the Utility of X-ray Crystallography for Structure Elucidation through a Tandem Aldol Condensation/Diels-Alder Reaction Sequence. <i>Journal of Chemical Education</i> , 2015 , 92, 1381-1384	2.4	6
33	Synthesis, Structural Analysis, and Functional Group Interconversion in the [closo-B ₁₀ H ₈ -1,10-X ₂] ₂ □ (X = CN, [OCRNMe ₂] ₊ , OCOR, and [OH ₂] ₊) Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3083-3093	2.3	6
32	Inductive modulation of tris(phosphinomethyl)phenylborate donation at group VI metals via borate phenyl substituent modification. <i>Dalton Transactions</i> , 2018 , 47, 6166-6176	4.3	6
31	Zerovalent titanium-sulfur complexes. Novel dithiocarbamato derivatives of Ti(CO) ₆ : [Ti(CO) ₄ (S ₂ CNR ₂)] ₋ . <i>Chemical Communications</i> , 2007 , 2639-41	5.8	6
30	Syntheses of PDE3A inhibitor ORG9935 and determination of the absolute stereochemistries of its enantiomers by X-ray crystallography. <i>Tetrahedron</i> , 2018 , 74, 2769-2774	2.4	5
29	Formal Nickelate(I) Complexes Supported by Group 13 Ions. <i>Angewandte Chemie</i> , 2018 , 130, 7941-7945	3.6	5
28	Crystal structures and spectroscopic characterization of MBr(CN _n Xyl) (M = Fe and Co, n = 4; M = Ni, n = 2; Xyl = 2,6-dimethylphenyl), and of formally zero-valent iron as a cocrystal of Fe(CN _n Xyl) and Fe(CN _n Xyl). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1118-1127	0.8	4
27	Crystal and molecular structure of 569-1569-1569-1, C ₁₂ H ₁₆ O ₅ Fe. <i>Journal of Chemical Crystallography</i> , 1996 , 26, 569-571	0.5	4
26	Niobium isocyanide complexes, Nb(CNAr), with Ar = 2,6-dimethylphenyl (Xyl), a diamagnetic dimer containing four reductively coupled isocyanides, and Ar = 2,6-diisopropylphenyl (Dipp), a paramagnetic monomer analogous to the highly unstable hexacarbonylniobium(0). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1259-1265	0.8	4
25	Partial Dehydration of Levothyroxine Sodium Pentahydrate in a Drug Product Environment: Structural Insights into Stability. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3915-3929	5.6	4

24	The Planar Blatter Radical: Structural Chemistry of 1,4-Dihydrobenzo[e][1,2,4]triazin-4-yls. <i>Angewandte Chemie</i> , 2016 , 128, 11315-11318	3.6	4
23	Thymine cocrystals based on DNA-inspired binding motifs. <i>CrystEngComm</i> , 2017 , 19, 5679-5685	3.3	3
22	Hydrogen-Bonding Cavities about Metal Ions: A Redox Pair of Coordinatively Unsaturated Paramagnetic CoOH Complexes 1999 , 38, 666		3
21	A Highly Stabilized Phosphonium Ylide that Forms Supramolecular Dimers in Solution and the Solid State. <i>Chemistry - A European Journal</i> , 2019 , 25, 15257-15261	4.8	2
20	Crystal structure of O-ethyl N-(eth-oxy-carbon-yl)thio-carbamate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o782-3	0.7	2
19	Metallionen in einseitig von H-Brücken begrenzten Hohlräumen: ein Redoxpaar koordinativ ungestrigter paramagnetischer Co-OH-Komplexe. <i>Angewandte Chemie</i> , 1999 , 111, 741-743	3.6	2
18	The crystal structure of bis-{3,5-di-fluoro-2-[4-(2,4,6-tri-methyl-phen-yl)pyridin-2-yl]phen-yl}(picolinato)iridium(III) and its 4-butyl-pyridin-2-yl analogue. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1467-1470	0.7	2
17	Seventeen-electron chromium(i)tricarbonyltris(phosphine) complexes supported by tris(phosphinomethyl)phenylborates. <i>Dalton Transactions</i> , 2019 , 48, 16705-16712	4.3	2
16	Effect of Spin-Orbit Coupling on Phonon-Mediated Magnetic Relaxation in a Series of Zero-Valent Vanadium, Niobium, and Tantalum Isocyanide Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 18553-18560	5.1	2
15	Unexpectedly Stable (Chlorocarbonyl)(N-ethoxycarbonylcarbamoyl)disulfane, and Related Compounds That Model the Zumach-Weiss-Kräle (ZWK) Reaction for Synthesis of 1,2,4-Dithiazolidine-3,5-diones. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11313-21	4.2	1
14	Crystal and molecular structure of a trisubstituted cyclopropane: dimethyl 2-methyl-2-[2?-trans-methoxycarbonyl-3?-trans-(2?-p-nitrobenzoyloxyethyl)]-cyclopropylpropanedioate C20H23NO10. <i>Journal of Chemical Crystallography</i> , 1997 , 27, 363-365	0.5	1
13	Synthetic and structural studies of the trans bis(2-N-H-pyrrolylcarbaldimine) complexes of nickel(II) and palladium(II). <i>Journal of Chemical Crystallography</i> , 2006 , 36, 883-889	0.5	1
12	Crystal structure of bis-(N-methyl-N-phenyl-amino)-tris-ulfane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 836-9	0.7	1
11	Reversible facile single-crystal-to-single-crystal polymorphic transition accompanied by unit cell volume expansion and twinning. <i>CrystEngComm</i> , 2021 , 23, 2648-2653	3.3	1
10	The impact of vinylene bridges and side chain alkyl groups on the solid state structures of tricyanovinyl-substituted thiophenes. <i>CrystEngComm</i> , 2018 , 20, 128-132	3.3	1
9	Synthesis and Crystal Structure of the Bis(allyl)calcium Complex [Ca{C3(SiMe3)2H3}2?(thf)2] 1999 , 38, 217		1
8	Hydrogen-Bonding Cavities about Metal Ions: A Redox Pair of Coordinatively Unsaturated Paramagnetic CoOH Complexes 1999 , 38, 666		1
7	Unmasking Steps in Intramolecular Aromatic Hydroxylation by a Synthetic Nonheme Oxoiron(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20991-20998	16.4	0

LIST OF PUBLICATIONS

- 6 Tantalum isocyanide complexes: TaI(CNDipp) (Dipp is 2,6-diisopropylphenyl) and ionic [Ta(CNDipp)][Ta(CNDipp)], a formal disproportionation product of the 17-electron Ta metalloradical Ta(CNDipp). *Acta Crystallographica Section C, Structural Chemistry*, **2019**, 75, 135-140 0.8
- 5 Ta(CNDipp)6: An Isocyanide Analogue of Hexacarbonyltantalum(0). *Angewandte Chemie*, **2017**, 129, 10713-10717
- 4 Crystal structure and physical characterization of N-(3,3-dimethylbutyl)-L-aspartyl-L-phenylalanine, the hydrolysis product of neotame. *Journal of Chemical Crystallography*, **2005**, 35, 233-241 0.5
- 3 Syntheses and crystal structures of new naphthalene- and anthracene-vanadate salts and an unprecedented dimetallabis(anthracene) sandwich complex: [Na(tetrahydrofuran)][V(anthracene)].. *Acta Crystallographica Section C, Structural Chemistry*, **2022**, 78, 118-123 0.8
- 2 Crystal structures of (N-methyl-N-phenyl-amino)(N-methyl-N-phenyl-carbamoyl)sulfide and the corresponding disulfane. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, 1371-4 0.7
- 1 Unmasking Steps in Intramolecular Aromatic Hydroxylation by a Synthetic Nonheme Oxoiron(IV) Complex. *Angewandte Chemie*, **2021**, 133, 21159-21166 3.6