Frank W Heinemann

List of Publications by Year
in descending order

412	11,793	34076	60583
papers	citations	52 h-index	81 g-index

438	438	438	9417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Copperâ€“Nitrene Complexes in Catalytic Cï¿¿H Amination. Angewandte Chemie - International Edition, 2008, 47, 9961-9964.	7.2	325
2	Synthesis, Structure, and Reactivity of an Iron(V) Nitride. Science, 2011, 331, 1049-1052.	6.0	306
3	A Mononuclear Fe(III) Single Molecule Magnet with a 3/2â†”5/2 Spin Crossover. Journal of the American Chemical Society, 2012, 134, 13651-13661.	6.6	256
4	Carbon Dioxide Activation with Sterically Pressured Mid- and High-Valent Uranium Complexes. Journal of the American Chemical Society, 2008, 130, 12536-12546.	6.6	229
5	An Iron Nitride Complex. Angewandte Chemie - International Edition, 2008, 47, 2681-2684.	7.2	222
6	Closed-shell and open-shell square-planar iridium nitrido complexes. Nature Chemistry, 2012, 4, 552-558.	6.6	188
7	Synthesis and Characterization of a Uranium(II) Monoarene Complex Supported by Î´â€…Backbonding. Angewandte Chemie - International Edition, 2014, 53, 7158-7162.	7.2	172
8	Uranium-mediated electrocatalytic dihydrogen production from water. Nature, 2016, 530, 317-321.	13.7	152
9	Spin Crossover Meets Diarylethenes: Efficient Photoswitching of Magnetic Properties in Solution at Room Temperature. Inorganic Chemistry, 2013, 52, 11585-11592.	1.9	125
10	Structural, Spectroscopic, Thermodynamic and Kinetic Properties of Copper(II) Complexes with Tripodal Tetraamines. Inorganic Chemistry, 1998, 37, 4022-4029.	1.9	122
11	Insights into the mechanism of carbonate formation through reductive cleavage of carbon dioxide with low-valent uranium centers. Chemical Communications, 2010, 46, 3137.	2.2	122
12	Reversible Binding of Dioxygen by a Copper(I) Complex with Tris(2-dimethylaminoethyl)amine (Me6tren) as a Ligand. Chemistry - A European Journal, 1999, 5, 3124-3129.	1.7	106
13	Structural and Spectroscopic Characterization of a Charge-Separated Uranium Benzophenone Ketyl Radical Complex. Journal of the American Chemical Society, 2008, 130, 6567-6576.	6.6	103
14	Water Exchange on Seven-Coordinate Mn(II) Complexes with Macrocyclic Pentadentate Ligands:Â Insight in the Mechanism of Mn(II) SOD Mimetics. Inorganic Chemistry, 2007, 46, 2459-2470.	1.9	95
15	Activation of elemental S, Se and Te with uranium(iii): bridging Uâ€“Eâ€“U (E = S, Se) and diamond-core complexes Uâ€“(E)2â€“U (E = O, S, Se, Te). Chemical Science, 2011, 2, 1538.	3.7	94
16	Homolytic Nâ€“H Activation of Ammonia: Hydrogen Transfer of Parent Iridium Ammine, Amide, Imide, and Nitride Species. Inorganic Chemistry, 2015, 54, 9290-9302.	1.9	94
17	Oxa[7]superhelicene: A Ï€â€Extended Helical Chromophore Based on Hexaâ€periâ€hexabenzocoronenes. Angewandte Chemie - International Edition, 2018, 57, 5938-5942.	7.2	94
18	The {FeIII[FeIII(L1)2]3} star-type single-molecule magnet. Dalton Transactions, 2006, , 2865-2874.	1.6	90

#	Article	IF	Citations
19	Synthesis, Structure, and Dynamics of Six-Membered Metallacoronands and Metallodendrimers of Iron and Indium. Chemistry - A European Journal, 2004, 10, 1899-1905.	1.7	88
20	Gas-Phase Câ˜H and Nâ˜H Bond Activation by a High Valent Nitrido-Iron Dication and ã€ˆNHã€‰-Transfer to Activated Olefins. Journal of the American Chemical Society, 2008, 130, 4285-4294.	6.6	85
21	Synthesis of Uranium(VI) Terminal Oxo Complexes: Molecular Geometry Driven by the Inverse Trans-Influence. Journal of the American Chemical Society, 2012, 134, 5284-5289.	6.6	84
22	An Intermediate Cobalt(IV) Nitrido Complex and its N-Migratory Insertion Product. Journal of the American Chemical Society, 2014, 136, 15072-15078.	6.6	84
23	Seven-Coordinate Iron and Manganese Complexes with Acyclic and Rigid Pentadentate Chelates and Their Superoxide Dismutase Activity. Inorganic Chemistry, 2007, 46, 8825-8835.	1.9	83
24	A New Tripodal Ligand System with Steric and Electronic Modularity for Uranium Coordination Chemistry. Inorganic Chemistry, 2009, 48, 9419-9426.	1.9	83
25	Uranium-mediated reductive conversion of CO2 to CO and carbonate in a single-vessel, closed synthetic cycle. Chemical Communications, 2012, 48, 8634.	2.2	83
26	Synthesis, Redox, and Magnetic Properties of a Neutral, Mixed-Valent Heptanuclear Manganese Wheel withS= 27/2 High-Spin Ground Stateâ€,â€¡. Inorganic Chemistry, 2007, 46, 1586-1592.	1.9	82
27	A new class of double alkyl-substituted, liquid crystalline imidazolium ionic liquidsâ€”a unique combination of structural features, viscosity effects, and thermal properties. Chemical Communications, 2009, , 7405.	2.2	78
28	Molecular and Electronic Structure of Dinuclear Uranium Bis-Î¼-Oxo Complexes with Diamond Core Structural Motifs. Journal of the American Chemical Society, 2014, 136, 11980-11993.	6.6	78
29	Substitution reactions of [Pt(terpy)X]2+with some biologically relevant ligands. Synthesis and crystal structure of [Pt(terpy)(cyst-S)](ClO4)2Â·0.5H2O and [Pt(terpy)(guo-N7)](ClO4)2Â·0.5guoÂ·1.5H2O. Dalton Transactions, 2004, , 279-286.	1.6	77
30	Transition metal complexes with sulfur ligands. Inorganica Chimica Acta, 2000, 300-302, 829-836.	1.2	76
31	Charge-Separation in Uranium Diazomethane Complexes Leading to Câ˜H Activation and Chemical Transformation. Journal of the American Chemical Society, 2008, 130, 2806-2816.	6.6	76
32	Coordination and Redox Isomerization in the Reduction of a Uranium(III) Monoarene Complex. Angewandte Chemie - International Edition, 2014, 53, 7154-7157.	7.2	76
33	The role of uraniumâ€“arene bonding in H2O reduction catalysis. Nature Chemistry, 2018, 10, 259-267.	6.6	75
34	[(C6H4S2)Ni(Î¼-â€˜S3')Fe(CO)(PMe3)2]: A Dinuclear [NiFe] Complex Modeling the [(RS)2Ni(Î¼-SR)2Fe(CO)(L)2] Core of [NiFe] Hydrogenase Centers. Angewandte Chemie - International Edition, 2002, 41, 632-634.	7.2	73
35	Observation of the Inverse Trans Influence (ITI) in a Uranium(V) Imide Coordination Complex: An Experimental Study and Theoretical Evaluation. Inorganic Chemistry, 2012, 51, 6190-6199.	1.9	67
36	[Ru(HNO)(â€²pybuS4â€²)], the First HNO Complex Resulting from Hydride Addition to a NO Complex (â€²pybuS4â€²2â˜=2,6-Bis(2-mercapto- 3,5-di-tert-butylphenylthio)dimethylpyridine(2â˜)). Chemistry - A European Journal, 2001, 7, 2099-2103.	1.7	66

#	Article	IF	Citations
37	Does Perthionitrite (SSNOâ€“) Account for Sustained Bioactivity of NO? A (Bio)chemical Characterization. Inorganic Chemistry, 2015, 54, 9367-9380.	1.9	65
38	Six-Membered Metalla-coronands. Synthesis and Crystal Packing:Â Columns, Compartments, and 3D-Networksâ€,â€¡. Inorganic Chemistry, 2004, 43, 4372-4382.	1.9	64
39	1-Triorganylstannyl-1,2,4-triphosphole: A Versatile Starting Material for Phosphorus-Rich Cage Compounds and Ï€-Complexes. Chemistry - A European Journal, 1999, 5, 3143-3153.	1.7	63
40	Manganese Nitride Complexes in Oxidation States III, IV, and V: Synthesis and Electronic Structure. Journal of the American Chemical Society, 2012, 134, 15538-15544.	6.6	61
41	Heterolytic Activation of Dihydrogen at Transition/Metal Sulfur Sites in Coordinatively Unsaturated [rh(L)(â€œ^{bu}S₄â€)]BF₄ Complexes, Involving Neutral Hydrides, Thiol		

#	Article	IF	Citations
55	Hexaphosphapentaprismane: A New Gateway to Organophosphorus Cage Compound Chemistry. Chemistry - A European Journal, 2002, 8, 2622.	1.7	53
56	Solid-State Structures of Double-Long-Chain Imidazolium Ionic Liquids: Influence of Anion Shape on Cation Geometry and Crystal Packing. Crystal Growth and Design, 2011, 11, 1974-1988.	1.4	52
57	Modulation of Magnetic Properties at Room Temperature: Coordinationâ€Induced Valence Tautomerism in a Cobalt Dioxolene Complex. Chemistry - A European Journal, 2014, 20, 11149-11162.	1.7	52
58	Uranium(IV) Halide (F^{â^'}, Cl^{â^'}, Br^{â^'}, and I^{â^'}) Monoarene Complexes. Inorganic Chemistry, 2014, 53, 8418-8424.	1.9	51
59	The Activation of Tertiary Carboxamides in Metal Complexes: An Experimental and Theoretical Study on the Methanolysis of Acylated Bispicolylamine Copper(II) Complexes. Inorganic Chemistry, 2004, 43, 4663-4673.	1.9	50
60	Bidirectional photoswitching of magnetic properties at room temperature: ligand-driven light-induced valence tautomerism. Chemical Science, 2015, 6, 4599-4609.	3.7	50
61	Metal and ligand control in di- and octa-nuclear cluster formationâ€Šâ€. Dalton Transactions RSC, 2001, , 599-603.	2.3	49
62	Uranium(III)-Mediated Câ€“C-Coupling of Terminal Alkynes: Formation of Dinuclear Uranium(IV) Vinyl Complexes. Journal of the American Chemical Society, 2012, 134, 12792-12797.	6.6	49
63	Transition Metal Complexes with Sulfur Ligands. 130.1 Synthesis, Structure, and Reactivity of the Sulfur-Rich Ruthenium Hydride Complexes [Ru(H)(PR3)(â€˜S4')]- and the Î·2-H2 Complex [Ru(H2)(PCy3)(â€˜S4')] (R = Ph, iPr, Cy; â€˜S4'2- = 1,2-Bis((2-mercaptophenyl)thio)ethane(2â^')). Inorganic Chemistry, 1998, 37, 3982-3988.	1.9	48
64	Chiral Arene Ruthenium Complexes. 6.â€Diastereoselective Formation of Chiral-At-Metal P-Tethered Arene Ruthenium(II) Complexes. Organometallics, 2004, 23, 374-380.	1.1	48
65	Template and pHâ€Mediated Synthesis of Tetrahedral Indium Complexes [CsâŠ{In₄(L)₄}]⁺ and [In₄(H^NL)₄]⁴⁺: Breaking the Symmetry of Nâ€Centered C₃ (L)^{3â^'} To Give Neutral [In₄(L)₄]. Angewandte Chemie - International Edition, 2008, 47, 8941-8945.	7.2	48
66	Role of Ï€-Acceptor Effects in Controlling the Lability of Novel Monofunctional Pt(II) and Pd(II) Complexes: Crystal Structure of [Pt(tripyridinedimethane)Cl]Cl. Inorganic Chemistry, 2012, 51, 1516-1529.	1.9	48
67	Oxidation State Delineation via U L_{III}-Edge XANES in a Series of Isostructural Uranium Coordination Complexes. Inorganic Chemistry, 2012, 51, 7940-7944.	1.9	48
68	Protonation of Ferrocene: A Lowâ€Temperature Xâ€ray Diffraction Study of [Cp₂FeH](PF₆) Reveals an Ironâ€Bound Hydrido Ligand. Angewandte Chemie - International Edition, 2017, 56, 13372-13376.	7.2	48
69	Substitution versus redox reactions of gold(<scp>iii</scp>) complexes with <scp>l</scp>-cysteine, <scp>l</scp>-methionine and glutathione. Dalton Transactions, 2014, 43, 3911-3921.	1.6	47
70	Synthesis, Structure, and Reactivity of Ruthenium and Osmium Nitrido Complexes with 1,2-Benzenedithiolate Ligands:â€‰ N- versus S-Alkylation. Inorganic Chemistry, 1997, 36, 1397-1402.	1.9	46
71	Syntheses and characterization of copper complexes of the ligand (2-aminoethyl)bis(2-pyridylmethyl)amine (uns-penp) and derivatives. Dalton Transactions, 2003, , 1480-1487.	1.6	46
72	Cï£¿C Bond Formation through Reductive Coupling of CS₂ to Yield Uranium Tetrathiooxalate and Ethylenetetrathiolate Complexes. Angewandte Chemie - International Edition, 2011, 50, 5965-5968.	7.2	46

#	Article	IF	Citations
73	Activation of SO 2 and CO 2 by Trivalent Uranium Leading to Sulfite/Dithionite and Carbonate/Oxalate Complexes. Chemistry - A European Journal, 2014, 20, 13501-13506.	1.7	46
74	Synthesis and characterization of regioselective substituted tetrapyridophenazine ligands and their Ru(ii) complexes. Dalton Transactions, 2010, 39, 2359.	1.6	45
75	Synthesis, Structures, and Reactions of Sulfur-Rich Nickel and Platinum Complexes with [MS3] and [MNS2] Cores. European Journal of Inorganic Chemistry, 1999, 1999, 1715-1725.	1.0	44
76	A cyclometalated diplatinum complex containing 1,1â€²-bis(diphenylphosphino)ferrocene as spacer ligand: Antitumor study. Journal of Organometallic Chemistry, 2011, 696, 3764-3771.	0.8	44
77	Reactivity of uranium(<scp>iv</scp>) bridged chalcogenido complexes U^{IV}â€“Eâ€“U^{IV}(E = S, Se) with elemental sulfur and selenium: synthesis of polychalcogenido-bridged uranium complexes. Chemical Science, 2014, 5, 942-950.	3.7	44
78	(NEt4)2[Fe(CN)2(CO)(â€²S3â€²)]: An Iron Thiolate Complex Modeling the [Fe(CN)2(CO)(Sâ^'Cys)2] Site of [NiFe] Hydrogenase Centers. Chemistry - A European Journal, 2002, 8, 958-966.	1.7	43
79	Semiconductor photocatalysis type B: synthesis of unsaturated Î±-amino esters from imines and olefins photocatalyzed by silica-supported cadmium sulfide. Photochemical and Photobiological Sciences, 2002, 1, 696-703.	1.6	42
80	Investigation of the low-spin to high-spin transition in a novel [Fe(pmea)(NCS)2] complex by IR and Raman spectroscopy and DFT calculations. Journal of Raman Spectroscopy, 2006, 37, 108-122.	1.2	42
81	Parallel Crystallization of a â€œStaticâ€•and a Spinâ€Crossover Polymorph of an Iron(II) Complex from the Same Solution. European Journal of Inorganic Chemistry, 2009, 2009, 2136-2143.	1.0	41
82	Complex-formation reactions of Cu(ii) and Zn(ii) 2,2â€²-bipyridine and 1,10-phenanthroline complexes with bicarbonate. Identification of different carbonate coordination modes. Dalton Transactions RSC, 2001, , 3652-3662.	2.3	40
83	Pharmacophore-Guided Drug Discovery Investigations Leading to Bioactive 5-Aminotetrahydropyrazolopyridines. Implications for the Binding Mode of Heterocyclic Dopamine D3 Receptor AgonistsÂ§. Journal of Medicinal Chemistry, 2005, 48, 5771-5779.	2.9	40
84	Threading Cesium Ions: Metal, Host, and Ligand Control in Supramolecular Coordination Chemistry. Angewandte Chemie - International Edition, 2007, 46, 265-268.	7.2	40
85	Syntheses, characterization, and reactivity of copper complexes with tridentate N-donor ligands. Inorganica Chimica Acta, 2008, 361, 279-292.	1.2	40
86	A Series of Uranium (IV, V, VI) Tritylimido Complexes, Their Molecular and Electronic Structures and Reactivity with CO₂. Inorganic Chemistry, 2014, 53, 13142-13153.	1.9	40
87	Molecular Spin Crossover in Slow Motion: Light-Induced Spin-State Transitions in Trigonal Prismatic Iron(II) Complexes. Inorganic Chemistry, 2016, 55, 5254-5265.	1.9	40
88	Transition-Metal Complexes with Sulfur Ligands. 132.1 Electron-Rich Fe and Ru Complexes with [MN2S3] Cores Containing the New Pentadentate Ligand â€˜N2H2S3â€˜2- (=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137 Td (2,2â€˜-Bis(	1.9	
89	Metal thiolate complexes binding molecular nitrogen under mild conditions: [Î¼-N2{Ru(PiPr3)(N2Me2S2)}2], the first dinuclear example. Inorganica Chimica Acta, 2003, 348, 194-198.	1.2	39
90	Kinetics and mechanism of the reactions of Pd(ii) complexes with azoles and diazines. Crystal structure of [Pd(bpma)(H2O)](ClO4)2Â·2H2O. Dalton Transactions, 2006, , 2984-2990.	1.6	39

#	Article	IF	Citations
91	Dinuclear Seven-Coordinate Mn(II) Complexes: Effect of Manganese(II)-Hydroxo Species on Water Exchange and Superoxide Dismutase Activity. Inorganic Chemistry, 2013, 52, 222-236.	1.9	39
92	A Series of Iron Nitrosyl Complexes {Feâ€“NO}^{6â€“9} and a Fleeting {Feâ€“NO}¹⁰ Intermediate en Route to a Metalacyclic Iron Nitrosoalkane. Journal of the American Chemical Society, 2019, 141, 17217-17235.	6.6	39
93	1,2-Diphosphetene, 1,2-Diphosphete, and 1,3-Diphosphete Metal Complexes: Novel Access by Ring Contraction, Cyclodimerization, and Intramolecular Redox Reactions. Organometallics, 1999, 18, 2021-2029.	1.1	38
94	Support-controlled chemoselective olefinâ€“imine addition photocatalyzed by cadmium sulfide on a zinc sulfide carrier. Photochemical and Photobiological Sciences, 2007, 6, 159-164.	1.6	38
95	Synthesis of Rationally Halogenated Buckybowls by Chemoselective Aromatic Câ^'F Bond Activation. Angewandte Chemie - International Edition, 2017, 56, 4834-4838.	7.2	37
96	An Isolable Terminal Imido Complex of Palladium and Catalytic Implications. Angewandte Chemie - International Edition, 2018, 57, 16228-16232.	7.2	37
97	A Fluorescence-Detected Coordination-Induced Spin State Switch. Journal of the American Chemical Society, 2021, 143, 3466-3480.	6.6	37
98	Syntheses and Characterization of Two Dioxygen-Reactive Dinuclear Macrocyclic Schiff-Base Copper(I) Complexes. Inorganic Chemistry, 2003, 42, 1430-1436.	1.9	36
99	Aromatic Interactions in Unusual Backbone Nitrogen-Coordinated Zinc Peptide Complexes:Â A Crystallographic and Spectroscopic Study. Inorganic Chemistry, 2005, 44, 4796-4805.	1.9	36
100	Visible Light Induced Reversible Extrusion of Nitric Oxide from a Ruthenium(II) Nitrosyl Complex:Â A Facile Delivery of Nitric Oxide. Journal of the American Chemical Society, 2005, 127, 13758-13759.	6.6	36
101	Metal- and Ligand-Directed One-Pot Syntheses, Crystal Structures, and Properties of Novel Oxo-Centered Tetra- and Hexametallic Clusters Chelate Complexes, Part 22; for Part 21 see reference 12.. Chemistry - A European Journal, 2002, 8, 3614.	1.7	35
102	Reaction behaviour of dinuclear copper(i) complexes with m-xylyl-based ligands towards dioxygen. Dalton Transactions, 2004, , 2321.	1.6	35
103	Synthesis, Magnetic Properties, and STM Spectroscopy of Cobalt(II) Cubanes [Co^{II}₄(Cl)₄(HL)₄]. Chemistry - A European Journal, 2010, 16, 4784-4792.	1.7	35
104	Synthesis, characterization and antitumor activity of polymeric copper(II) complexes with thiosemicarbazones of 3-methyl-5-oxo-1-phenyl-3-pyrazolin-4-carboxaldehyde and 5-oxo-3-phenyl-3-pyrazolin-4-carboxaldehyde. Journal of Inorganic Biochemistry, 2011, 105, 1413-1421.	1.5	35
105	Carbene based photochemical molecular assemblies for solar driven hydrogen generation. Dalton Transactions, 2014, 43, 13683-13695.	1.6	35
106	Synthesis, Characterization, and Properties of Iron(II) Spin-Crossover Molecular Photoswitches Functioning at Room Temperature. Inorganic Chemistry, 2017, 56, 13174-13186.	1.9	35
107	Stabilization of Iron Centers in High Oxidation State in the Mononuclear Complex[Fev(I)(â€²N2S2â€²)]. Angewandte Chemie International Edition in English, 1997, 36, 1734-1736.	4.4	34
108	Synthesis of Bis(imino)pyridine Iron Amide and Ammonia Compounds from an Nâ^'H Transfer Agent. Inorganic Chemistry, 2009, 48, 5587-5589.	1.9	34

#	Article	IF	Citations
109	Uranium(<scp>iv</scp>) terminal hydrosulfido and sulfido complexes: insights into the nature of the uraniumâ€“sulfur bond. Chemical Science, 2016, 7, 5857-5866.	3.7	34
110	P6 Manganocene and P3 Cymantrene: Consequences of the Inclusion of Phosphorus Atoms in Mn-Coordinated Cyclopentadienyl Ligands. Angewandte Chemie - International Edition, 2000, 39, 2087-2091.	7.2	33
111	A new carbonate bridged dinuclear zinc complex with tripodal amine ligands. Inorganica Chimica Acta, 1999, 288, 206-209.	1.2	32
112	Transition Metal Complexes with Sulfur Ligands. 136.1Enforced Trans Coordination of Thiolate Donors in Electron Rich Iron, Ruthenium, and Nickel [M(L)(pyN2H2S2)] and [M(L)(pyS4)] Complexes (L =) Tj ETQq0 0 0 rgBT /Overlock	1.9	32
113	Structures of the spontaneously resolved six-coordinate potassium chloro-(ethylenediaminetriacetato acetic acid) iron(III) monohydrate and the seven-coordinate potassium (ethylenediaminetetracetato) iron(III) sesquihydrate. Inorganica Chimica Acta, 2002, 337, 317-327.	1.2	31
114	A Trinuclear[NiFe] Cluster Exhibiting Structural and Functional Key Features of[NiFe] Hydrogenases. Angewandte Chemie - International Edition, 2004, 43, 3141-3144.	7.2	31
115	Synthesis and characterization of substituted (aminomethyl)lithium compounds. Journal of Organometallic Chemistry, 1997, 548, 205-210.	0.8	30
116	Synthesis and Exchange Reactions of Sulfur-Rich Nickel and Palladium [M(L)(â€˜S3â€™)] Complexes [â€˜S3â€™2â€“ = Bis(2-mercaptophenyl)sulfide(2â€“)]. European Journal of Inorganic Chemistry, 2000, 2000, 271-279.	1.0	30
117	The Deposition of Metallopeptide-Based Coordination Polymers on Graphite Substrates: Effects of Side-Chain Functional Groups and Local Surface Structure. Angewandte Chemie - International Edition, 2005, 44, 803-806.	7.2	30
118	Nucleophilic Î²-Oniovinylation:â€‰ Concept, Mechanism, Scope, and Applications. Journal of the American Chemical Society, 2008, 130, 4610-4617.	6.6	30
119	Ligand Tailoring Toward an Air-Stable Iron(V) Nitrido Complex. Journal of the American Chemical Society, 2021, 143, 1458-1465.	6.6	30
120	A Convenient Way to Novel FeIV Complexes with Mixed N/S/P Coordination Spheres andâ€œInnocentâ€• Ligands. Angewandte Chemie International Edition in English, 1997, 36, 1201-1203.	4.4	29
121	Weak M-Hâ‹…â‹…â‹…H-C and M-Clâ‹…â‹…â‹…H-C Interactions in Orthometalated Iridium and Rhodium Complexes. Chemistry - A European Journal, 1998, 4, 1641-1646.	1.7	29
122	Transition metal complexes with sulfur ligands. Part CLV.11For Part CLIV see Ref. [1], Eur. J. Inorg. Chem., in press. Structural and spectroscopic characterization of hydrogen bridge diastereomers of [Î¼-N2H2{Fe(PR3)(â€˜tpS4â€™)}2] diazene complexes (â€˜tpS4â€™2â€˜=1,2-bis(2-mercaptophenylthio)phenylene(2â€˜)). Inorganica Chimica Acta, 2002, 337, 1-10.	1.2	29
123	Metalâ€“Organic Coordination Networks of Ferric Wheels, their Surface-supported Supramolecular Architectures and STM/STS Imaging. Supramolecular Chemistry, 2005, 17, 315-321.	1.5	29
124	Charge control of the inverse trans-influence. Chemical Communications, 2015, 51, 16671-16674.	2.2	29
125	Aromaticity and sterics control whether a cationic olefin radical is resistant to disproportionation. Chemical Science, 2020, 11, 4138-4149.	3.7	29
126	Reactivity of Dinuclear Platina-Î²-diketones toward Phosphines and Pyridines:â€‰ Formation of Mononuclear Platina-Î²-diketones and Acyl(chloro)platinum(II) Complexes. Organometallics, 1999, 18, 564-572.	1.1	28

#	Article	IF	Citations
127	1,2,4-Triphospholyl Nickel Complexes:Â Evidence for a Dimerization Equilibrium That Includes a Ïƒâˆ'Ï€ Rearrangement of the Triphospholyl Ligandâ€. Organometallics, 2000, 19, 4283-4288.	1.1	28
128	Diastereoselective Synthesis of Arene Ruthenium(II) Complexes Containing Chiral Phosphetane-Based Tethersâ€‚1. Organometallics, 2006, 25, 2607-2616.	1.1	28
129	Enantiospecific Syntheses of Copper Cubanes, Doubleâ€Stranded Copper/Palladium Helicates, and a (Dilithium)â€"Dinickel Coronate from Enantiomerically Pure Bisâ€1,3â€diketonesâ€"Solidâ€State Selfâ€Organization Towards Wirelike Copper/Palladium Strands. Chemistry - A European Journal, 2008, 14, 1472-1481.	1.7	28
130	Synthesis and Characterization of a Uranium(II) Monoarene Complex Supported by Î´â€...Backbonding. Angewandte Chemie, 2014, 126, 7286-7290.	1.6	28
131	Discovery of a Dysprosium Metallocene Single-Molecule Magnet with Two High-Temperature Orbach Processes. Inorganic Chemistry, 2022, 61, 6017-6025.	1.9	28
132	Complex compounds of platinum(IV) and O,O-dialkyl-ethylenediamine-N,Nâ€²-di-3-propanoate ligands. A structural evidence for geometry of hydrolytic product of some esters. Inorganic Chemistry Communication, 2004, 7, 241-244.	1.8	27
133	An enantiopure N,N,S scorpionate ligand derived from (+)-camphor. Dalton Transactions, 2009, , 254-255.	1.6	27
134	Bis(3,5-dimethyl-4-vinylpyrazol-1-yl)acetic Acid: A New Heteroscorpionate Building Block for Copolymers that Mimic the 2-His-1-carboxylate Facial Triad. European Journal of Inorganic Chemistry, 2010, 2010, 2962-2974.	1.0	27
135	A new diamantane functionalized tris(aryloxide) ligand system for small molecule activation chemistry at reactive uranium complexes. Comptes Rendus Chimie, 2010, 13, 803-811.	0.2	27
136	Synthesis and photophysics of a novel photocatalyst for hydrogen production based on a tetrapyridoacridine bridging ligand. Chemical Physics, 2012, 393, 65-73.	0.9	27
137	Synthesis and Characterization of Divalent Manganese, Iron, and Cobalt Complexes in Tripodal Phenolate/N-Heterocyclic Carbene Ligand Environments. Inorganic Chemistry, 2014, 53, 2460-2470.	1.9	27
138	Synthesis, structure, and hydrolytic reaction of trans-dichlorobis(diethanolamine-N)palladium(II) with N-acetylated L-histidylglycine dipeptide. Bioorganic Chemistry, 2006, 34, 225-234.	2.0	26
139	Syntheses, emission properties and intramolecular ligand exchange of zinc complexes with ligands belonging to the tmpa family. Dalton Transactions, 2011, 40, 5090.	1.6	26
140	Carbon Dioxide Insertion into Uraniumâ€Activated Dicarbonyl Complexes. Angewandte Chemie - International Edition, 2011, 50, 10626-10630.	7.2	26
141	Well-defined molecular uranium(<scp>iii</scp>) chloride complexes. Chemical Communications, 2014, 50, 3962-3964.	2.2	26
142	Squareâ€Planar Ruthenium(II) Complexes: Control of Spin State by Pincer Ligand Functionalization. Chemistry - A European Journal, 2015, 21, 579-589.	1.7	26
143	A Terminal Iron Nitrilimine Complex: Accessing the Terminal Nitride through Diazo Nâˆ'N Bond Cleavage. Angewandte Chemie - International Edition, 2019, 58, 18547-18551.	7.2	26
144	Transition metal complexes with sulfur ligands. Part CXXVII. Azido, halido and nitrido ruthenium complexes with sulfur-rich coordination spheres. Inorganica Chimica Acta, 1998, 269, 63-72.	1.2	25

#	Article	IF	Citations
145	Ligand Cleavage Put into Reverse: Pï£¿C Bond Breaking and Remaking in an Alkylphosphane Iron Complex. Chemistry - A European Journal, 2006, 12, 4313-4320.	1.7	25
146	The Classic â€œBrown-Ringâ€•Reaction in a New Medium: Kinetics, Mechanism, and Spectroscopy of the Reversible Binding of Nitric Oxide to Iron(II) in an Ionic Liquid. Inorganic Chemistry, 2011, 50, 3946-3958.	1.9	25
147	Protonationâ€Dependent Luminescence of an Iridium(III) Bibenzimidazole Chromophore. European Journal of Inorganic Chemistry, 2015, 2015, 3730-3739.	1.0	25
148	Reductive disproportionation of nitric oxide mediated by low-valent uranium. Chemical Communications, 2016, 52, 10854-10857.	2.2	25
149	Oxidative Addition of Water, Alcohols, and Amines in Palladium Catalysis. Angewandte Chemie - International Edition, 2020, 59, 21088-21095.	7.2	25
150	Synthesis of the Tetradentate Thioether Amine and Thioether Thiolate Ligands â€²tpS2(NH2)2â€² and â€²tpS4â€²-H2 and Some Representative Six-Coordinate Ruthenium and Osmium Complexes [â€²tpS2(NH2)2â€² =1,2-Bis(2-aminophenylthio)phenylene; â€²tpS4â€²2â€“ = 1,2-Bis(2-mercaptophenylthio)phenylene(2â€“)]. European Journal of Inorganic Chemistry, 1999, 1999, 333-339.	1.0	24
151	Activation of the Tertiary Carboxamide Cï£¿N Bond in Werner Complexes: A Classical Structureâ€“Function Relationship. Angewandte Chemie - International Edition, 2002, 41, 3386-3388.	7.2	24
152	Dangling or tethering the side chain: (Î·6-(R)-3-phenylbutanol)Ru(II) complexes. Inorganica Chimica Acta, 2003, 352, 188-200.	1.2	24
153	Unexpected reactivity resulting from modifications of the ligand periphery: Synthesis, structure, and spectroscopic properties of iron complexes of new tripodal N-heterocyclic carbene (NHC) ligands. Inorganica Chimica Acta, 2010, 364, 226-237.	1.2	24
154	4,5â€Bis(dialkylamino)â€Substituted Imidazolium Systems: Facile Access to Nâ€Heterocyclic Carbenes with Selfâ€Umpolung Option. Chemistry - A European Journal, 2011, 17, 13078-13086.	1.7	24
155	Ruthenium Carbonyl Complexes Bearing Bis(pyrazol-1-yl)carboxylato Ligands. Organometallics, 2012, 31, 2166-2174.	1.1	24
156	Pentaarylazafullerenes and their Triaryldihydro and Tetraarylmonohydro Precursors. Angewandte Chemie - International Edition, 2012, 51, 11722-11726.	7.2	24
157	Synthesis, magnetic properties, and STM spectroscopy of an unprecedented octanuclear chloro-bridged nickel(ii) double cubane. Dalton Transactions, 2012, 41, 3553.	1.6	24
158	Synthesis and Characterization of Substituted (Thiomethyl)lithium Compounds. Structures of [{Li(CH2SMe)(THF)}â^ž] and [Li2(CH2SPh)2(THF)4]. Organometallics, 1997, 16, 2736-2739.	1.1	23
159	The crown ether influence on ligand exchange reactions of Na2PtCl6 with glycine and D-(+)-alanine; synthesis and characterization of platinum(IV) amino acid complexes. Inorganica Chimica Acta, 1997, 256, 87-92.	1.2	23
160	Coordination of 1,10-Phenanthroline and 2,2â€²-Bipyridine to Li⁺ in Different Ionic Liquids. How Innocent Are Ionic Liquids?. Inorganic Chemistry, 2011, 50, 6685-6695.	1.9	23
161	Boronic Acids as Probes for Investigation of Allosteric Modulation of the Chemokine Receptor CXCR3. ACS Chemical Biology, 2014, 9, 2664-2677.	1.6	23
162	Uranium Tetrakis-Aryloxide Derivatives Supported by Tetraazacyclododecane: Synthesis of Air-Stable, Coordinatively-Unsaturated U(IV) and U(V) Complexes. Inorganic Chemistry, 2017, 56, 3201-3206.	1.9	23

#	Article	IF	Citations
163	Solution-Dimerization of 4-Aryl-1,4-dihydropyridines. European Journal of Organic Chemistry, 2000, 2000, 245-249.	1.2	22
164	Ambiphilicity: A Characteristic Reactivity Principle of Ï€-Bound Phosphorus Heterocycles. Angewandte Chemie - International Edition, 2002, 41, 4047-4052.	7.2	22
165	Influence of Terpyridine as Ï€-Acceptor Ligand on the Kinetics and Mechanism of the Reaction of NO with Ruthenium(III) Complexes. Inorganic Chemistry, 2004, 43, 7832-7843.	1.9	22
166	A Tetramethylplatinum(IV) Complex with 1,1â€²â€Bis(diphenylphosphanyl)ferrocene Ligands: Reaction with Trifluoroacetic Acid. European Journal of Inorganic Chemistry, 2009, 2009, 3814-3820.	1.0	22
167	Is bis(trifluoromethylsulfonyl)amide an innocent anion? X-Ray structure data and DFT calculations. Dalton Transactions, 2009, , 2795.	1.6	22
168	Cu(i) catalysed cyclopropanation with enantiopure scorpionate type ligands derived from (+)-camphor or (â^')-menthone. Dalton Transactions, 2011, 40, 6547.	1.6	22
169	[IrCl{N(CHCHPtBu₂)₂}]^{â^'}: a versatile source of the Ir^I(PNP) pincer platform. Dalton Transactions, 2014, 43, 4506-4513.	1.6	22
170	Reactivity of uranium(iii) with H2E (E = S, Se, Te): synthesis of a series of mononuclear and dinuclear uranium(iv) hydrochalcogenido complexes. Chemical Science, 2015, 6, 275-282.	3.7	22
171	Synthesis and Reactivity of Low-Valent f-Element Iodide Complexes with Neutral Iminophosphorane Ligands. Inorganic Chemistry, 2018, 57, 9230-9240.	1.9	22
172	Synthesis and X-Ray Structures of Novel Lead(1+) and Indium(3+) Phosphazenide Complexes; Detailed207Pb-NMR Spectra of the207Pb-Labelled Dimeric Lead(1+) Species. European Journal of Inorganic Chemistry, 1998, 1998, 437-444.	1.0	21
173	Comparison of azacyclic urea A-98881 as HIV-1 protease inhibitor with cage dimeric N-benzyl 4-(4-methoxyphenyl)-1,4-dihydropyridine as representative of a novel class of HIV-1 protease inhibitors: a molecular modeling study. Journal of Computer-Aided Molecular Design, 1999, 13, 233-242.	1.3	21
174	4-(4-Chlorophenyl)-3-(furan-2-yl)-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o425-o427.	0.2	21
175	Organoplatinum complexes containing bis(diphenylphosphino)amine as ligand: uncommon case of Nâ€“Hâ‹¯Iâ€“Pt hydrogen bonding. Dalton Transactions, 2007, , 1697-1704.	1.6	21
176	3,3-Bis(3,5-dimethylpyrazol-1-yl)propionic acid: A tripodal N,N,O ligand for manganese and rhenium complexes â€“ Syntheses and structures. Journal of Organometallic Chemistry, 2009, 694, 2319-2327.	0.8	21
177	Sodium Effect on Selfâ€Organization of Amphiphilic Carboxylates: Formation of Structured Micelles and Superlattices. Chemistry - A European Journal, 2010, 16, 9544-9554.	1.7	21
178	Protonation of Ferrocene: A Lowâ€Temperature Xâ€ray Diffraction Study of [Cp₂FeH](PF₆) Reveals an Ironâ€Bound Hydrido Ligand. Angewandte Chemie, 2017, 129, 13557-13561.	1.6	21
179	Synthesis and characterization of platinum(II) complexes with terminal alkynes analogous to Zeise's salt â€" structure of [K(18-crown-6)][PtCl3(PhCâ‰¡CD)] Â· CH2Cl2. Journal of Organometallic Chemistry, 1997, 548, 247-253.	0.8	20
180	Step Dance on a Pentagon:Â Copper(I) and Copper(I)â^'Tungsten(0) Triphospholyl Triphenylphosphane Complexesâ€. Organometallics, 2004, 23, 1689-1697.	1.1	20

#	Article	IF	Citations
181	Syntheses, Characterization and Reactivity of Iron(II), Nickel(II), Copper(II) and Zinc(II) Complexes of the LigandN,N,Nâ€²,Nâ€²-Tetrakis(2-pyridylmethyl)benzene-1,3-diamine (1,3-tpbd) and Its Phenol Derivative 2,6-Bis[bis(2-pyridylmethyl)amino]-p-cresol (2,6-tpcd). European Journal of Inorganic Chemistry, 2007, 2007, 429-443.	1.0	20
182	Chelate electronic properties control the redox behaviour and superoxide reactivity of seven-coordinate manganese(II) complexes. Dalton Transactions, 2009, , 6292.	1.6	20
183	On the Spin Behaviour of Iron(II)â€“Dipyridyltriazine Complexes and Their Performance as Thermal and Photonic Spin Switches. European Journal of Inorganic Chemistry, 2010, 2010, 221-232.	1.0	20
184	Multiply Bonded Metal(II) Acetate (Rhodium, Ruthenium, and Molybdenum) Complexes with the trans-1,2-Bis(N-methylimidazol-2-yl)ethylene Ligand. Inorganic Chemistry, 2014, 53, 12305-12314.	1.9	20
185	Cyclometalated platinum(II) complexes containing monodentate phosphines: antiproliferative study. Journal of the Iranian Chemical Society, 2014, 11, 1207-1216.	1.2	20
186	Molecular and Electronic Structures of Eight-Coordinate Uranium Bipyridine Complexes: A Rare Example of a Bipy^{2â€“} Ligand Coordinated to a U⁴⁺ Ion. Inorganic Chemistry, 2017, 56, 2792-2800.	1.9	20
187	Rhodium-Catalyzed Synthesis of Naphthalene Derivatives Through Cyclodimerization of Arylalkynesâ€†. European Journal of Inorganic Chemistry, 1998, 1998, 1951-1957.	1.0	19
188	Synthesis and Redox Properties of Mixed-Valent Octanuclear Iron Defective Hexacubanes and a (CaCl)-Capped Body-Centered Six-Sided Iron(III) Polyhedron. Angewandte Chemie - International Edition, 2006, 45, 5885-5889.	7.2	19
189	NT-proBNP in chronic hypercapnic respiratory failure: A marker of disease severity, treatment effect and prognosis. Respiratory Medicine, 2007, 101, 2003-2010.	1.3	19
190	[FeIII(tmdta)]â€“â€“twist-boat/half-chair conformer ratio reliably deduced from DFT-calculated Raman spectra. Chemical Communications, 2007, , 3960.	2.2	19
191	Rock around the Ring: An Experimental and Theoretical Study of the Molecular Dynamics of Stannyltriphospholes with Chiral Tin Substituents. European Journal of Inorganic Chemistry, 2008, 2008, 2225-2237.	1.0	19
192	Cyaarside (CAs^{â^’}) and 1,3â€Ðiarsaallendiide (AsCAs^{2â^’}) Ligands Coordinated to Uranium and Generated via Activation of the Arsaethynolate Ligand (OCAs^{â^’}). Angewandte Chemie - International Edition, 2019, 58, 1679-1683.	7.2	19
193	Reversible Shifting of a Chemical Equilibrium by Light: The Case of Ketoâ€“Enol Tautomerism of a Î²-Ketoester. Organic Letters, 2020, 22, 604-609.	2.4	19
194	Synthesis and Characterization ofcis- andtrans-Tetrachlorobis(pyridine)platinum(IV). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1997, 623, 603-607.	0.6	18
195	Conformational Flexibility of the Square-Pyramidal Coordination Cap in a Series of Octahedral Nickel(II) Pentaamine Complexes â€“ Magnetochemical Characterization of the Singly Î¼-Cl-Bridged Nickel(II) Dimer [(pyN4)Ni-Cl-Ni(pyN4)](PF6)3 [pyN4 = 2,6-Bis(1â€²,3â€²-diamino-2â€²-methylprop-2â€²-yl)pyridine]. European Journal of Inorganic Chemistry, 1998, 1998, 1041-1049.	1.0	18
196	Studies on the Reaction of Iron(II) with NO in a Noncoordinating Ionic Liquid. Inorganic Chemistry, 2015, 54, 6763-6775.	1.9	18
197	Coordination-Induced Spin-State Change in Manganese(V) Complexes: The Electronic Structure of Manganese(V) Nitrides. Inorganic Chemistry, 2015, 54, 3562-3572.	1.9	18
198	A Pair of Cobalt(III/IV) Terminal Imido Complexes. Angewandte Chemie - International Edition, 2021, 60, 16480-16486.	7.2	18

#	Article	IF	Citations
199	A Specific Route to Enantiomerically Pure Asymmetric (Î·⁶â€Arene)(Î·⁴â€1,5â€cyclooctadiene)Ru(0) Complexes. Chemische Berichte, 1997, 130, 123-130.	0.2	17
200	Transition metal complexes with sulfur ligands part CXXIX. Retention and reactivity of the [Feî—´NHî—´NHî—´Fe] chromophore in the iron sulfur diazene complex [Î¼-N2H2{Fe(PPr3)(â€˜S4â€™)}2] in exchange and oxidation processes. (â€˜S4â€™2â^’ = 1,2-bis (2-mercaptophenylthio)ethane(2â^’)). Inorganica Chimica Acta, 1998, 280, 39-49.	1.2	17
201	Transition Metal Complexes with Sulphur Ligands, Part 151 [1]. Ligand Enforced Configurations and Low-Spin States of [FeNS₄] Cores in [Fe^{II}(L)('pyS₄')] Complexes with Ïƒ and Ïƒ-Ï€ Ligands (L = N₂H₄, pyridine, PMe₃, PnPr₃;) Tj ETQq1 1 0.784314 r Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 581-588.	0.3	17
202	Chiral arene ruthenium complexes. Journal of Organometallic Chemistry, 2002, 641, 90-101.	0.8	17
203	Aryl, methyl-diplatinum complexes each with a metalâ€“metal donorâ€“acceptor bond and bridging 2-diphenylphosphinopyridine (PN) ligands: general synthetic approach and mechanism of isomerization. Dalton Transactions, 2007, , 4715.	1.6	17
204	A new sterically loaded pentadentate N3S2 ligand and its zinc complexes. Inorganica Chimica Acta, 2007, 360, 2929-2934.	1.2	17
205	<i>trans</i>â€1,2â€Bis(<i>N</i>â€methylimidazolâ€2â€yl)ethylene: Towards Building Blocks for 2D Fabrics and MMLâ€Type 1D Molecular Strands. Chemistry - A European Journal, 2011, 17, 9293-9297.	1.7	17
206	Developing P-Stereogenic, Planarâ€“Chiral P-Alkene Ligands: Monodentate, Bidentate, and Double Agostic Coordination Modes on Ru(II). Organometallics, 2017, 36, 714-720.	1.1	17
207	A complete series of uranium(iv) complexes with terminal hydrochalcogenido (EH) and chalcogenido (E) ligands E = O, S, Se, Te. Dalton Transactions, 2019, 48, 10853-10864.	1.6	17
208	Dispersion Forces Drive the Formation of Uraniumâ€“Alkane Adducts. Journal of the American Chemical Society, 2020, 142, 1864-1870.	6.6	17
209	Synthesis and structure of bis(thiomethyl)magnesium compounds [Mg(CH2SR)2(thf)3] (R = Me, Ph) - the first dimethylmagnesium compounds functionalized by a Lewis-basic heteroatom. Polyhedron, 1998, 17, 3275-3280.	1.0	16
210	Oxocyano complexes of molybdenum(IV) and tungsten(IV) with Schiff base ligands derived from salicylaldehyde and aliphatic amines. Crystal structure of [PPh4]2[Mo(CN)3O(ensal)]Â·5.5H2O (Hensalâ€…=â€…N-salicylideneethylenediamine). Journal of the Chemical Society Dalton Transactions, 1998, , 4009-4014.	1.1	16
211	Ãœbergangsmetallkomplexe mit Schwefelliganden, 145 [1]. [Ru(NO)('pybuS4')]Br, ein Komplex mit [Ru(NO)(NS4)]-GerÃ¼st, aktivierten CH2-Gruppen und interionischen Wechselwirkungen im FestkÃ¶rper ['pybuS4'2- = 2,6-Bis(2-mercapto-3,5-di-terM>utylphenylthio) dimethylpyridin(2-)] / Transition Metal Complexes with Sulfur Ligands, 145 [1]. [Ru(NO)('pybuS4 ')]Br, a Complex with [Ru(NO)(NS4)] Core,		

#	Article	IF	Citations
217	Chiral amino-phosphine and amido-phosphine complexes of Ir and Mg. Catalytic applications in olefin hydroamination. Dalton Transactions, 2016, 45, 12028-12040.	1.6	16
218	Synthesis and structures of platina-Î²-diketonato complexes of platina-Î²-diketones; organometallic analogues of platinum blue complexes. Chemical Communications, 1997, , 843-844.	2.2	15
219	A consecutive Dielsâ€“Alder approach toward a Tet repressor directed combinatorial library. Tetrahedron, 2006, 62, 6899-6908.	1.0	15
220	Iron(III) Complexes with the LigandNâ€²,Nâ€²-Bis[(2-pyridyl)methyl]ethylenediamine (uns-penp) and Its Amide DerivativeN-Acetyl-Nâ€²,Nâ€²-bis[(2-pyridyl)methyl]ethylenediamine (acetyl-uns-penp). European Journal of Inorganic Chemistry, 2006, 2006, 1601-1610.	1.0	15
221	Cage Chirality of Pï£¿C Cage Compounds: Highly Diastereoselective Formation of Diastereomeric P₅â€Deltacyclenes, Separation of Diastereomers, and Removal of the Chiral Auxiliary. Chemistry - A European Journal, 2009, 15, 5998-6007.	1.7	15
222	A New Trigonalâ€Bipyramidal [Cu^{II}(pytBuN₃)Cl₂] Complex: Synthesis, Structure and Ligand Substitution Behaviour. European Journal of Inorganic Chemistry, 2009, 2009, 3111-3118.	1.0	15
223	Synthesis and Characterization of a Trisheteroleptic Ru^{II}â€Based Molecular Switch. Chemistry - A European Journal, 2014, 20, 15426-15433.	1.7	15
224	From Chromiumâ€“Chromium Quintuple Bonds to Molecular Squares and Porous Coordination Polymers. Inorganic Chemistry, 2014, 53, 12283-12288.	1.9	15
225	Synthesis and characterization of uranium(iv) tetrachloro complexes in bis-pyrazolylpyridine ligand environments. Dalton Transactions, 2017, 46, 13811-13823.	1.6	15
226	Chemistry of Polyfunctional Molecules CXXX [1]. Rubidium and Caesium. Monatshefte FÃ¼r Chemie, 1998, 129, 547.	0.9	15
227	Electrocatalytic Hydrogen Evolution by Cobalt Complexes with a Redox Non-Innocent Polypyridine Ligand. Inorganic Chemistry, 2021, 60, 17976-17985.	1.9	15
228	Ligand Exchange Reactions of Triphospholyl Metal Carbonyl Complexes. Organometallics, 2001, 20, 2905-2915.	1.1	14
229	Rhodium(I) Complexes Containing Î²-Amino Alcohol and 1,2-Diamine Ligands: Syntheses, Structures, and Catalytic Applications. European Journal of Inorganic Chemistry, 2007, 2007, 1738-1751.	1.0	14
230	A Bis(acetyl)-Bridged Platinum(II) Coordination Polymer as a Building Block for Diacetylplatinum(II) Complexes and Platina-Î²-diketones. Organometallics, 2009, 28, 2485-2493.	1.1	14
231	Unprecedented triphosphinine iron interactions: Intramolecular electron transfer, reactivity round a corner, and a low-activated ring element exchange reaction. Comptes Rendus Chimie, 2010, 13, 1203-1212.	0.2	14
232	Synthesis of Differently Substituted tacn-Based Ligands: Towards the Control of Solubility and Electronic and Steric Properties of Uranium Coordination Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 2538-2548.	1.0	14
233	Werner-Type Complexes of Uranium(III) and (IV). Inorganic Chemistry, 2020, 59, 2443-2449.	1.9	14
234	Palladium Terminal Imido Complexes with Nitrene Character. Journal of the American Chemical Society, 2022, 144, 8897-8901.	6.6	14

#	Article	IF	Citations
235	Novel solidâ€state synthesis of dimeric 4â€arylâ€1,4â€dihydropyridines. Journal of Heterocyclic Chemistry, 1998, 35, 359-364.	1.4	13
236	Platin(II)-Komplexe mit schwefelfunktionalisierten Alkenylliganden. Journal of Organometallic Chemistry, 1998, 556, 189-196.	0.8	13
237	Synthesis and structure of (P,P-diphenylphosphino)methyl lithium-tetrahydrofuran. Polyhedron, 1998, 17, 351-355.	1.0	13
238	Spontaneous Assembly of a Schiff Base Tetramacrocycle. Angewandte Chemie - International Edition, 2000, 39, 913-916.	7.2	13
239	Ion Pairs between Maleonitriledithiolato Complex Dianions of Cobalt and Nickel and Macrocyclic Ligand Complex Dications of Nickel(II) â€" Control of Intrapair Interaction through Ligand Modification. Bulletin of the Chemical Society of Japan, 2002, 75, 2169-2175.	2.0	13
240	A non-heme dinuclear iron(ii) complex containing a single, unsupported hydroxo bridge. Chemical Communications, 2006, , 1718-1720.	2.2	13
241	Copper(II) Complexes of the Tetraazamacrocyclic Tertiary Amide Ligand Alanyl-Cyclam. European Journal of Inorganic Chemistry, 2006, 2006, 2357-2363.	1.0	13
242	Synthesis and Structure of Self-Complementary {2}-Metallacryptates and Their Linear or Meandering Infinite Arrangements in the Solid State. European Journal of Inorganic Chemistry, 2007, 2007, 4815-4822.	1.0	13
243	Novel triazolopeptides: chirospecific synthesis and conformational studies of proline derived analogs. Tetrahedron, 2009, 65, 6156-6168.	1.0	13
244	N,N,O Ligands Based on Triazoles and Transition Metal Complexes Thereof. European Journal of Inorganic Chemistry, 2010, 2010, 4100-4109.	1.0	13
245	Ligand Influence over the Formation of Dinuclear [2+2] versus Trinuclear [3+3] CuISchiff Base Macrocyclic Complexes. Inorganic Chemistry, 2011, 50, 6878-6889.	1.9	13
246	Synthesis and transition metal complexes of 3,3-bis(1-vinylimidazol-2-yl)propionic acid, a new N,N,O ligand suitable for copolymerisation. Inorganica Chimica Acta, 2011, 374, 392-405.	1.2	13
247	X-ray structure and theoretical studies on a palladium(II) Schiff base complex. Journal of Coordination Chemistry, 2013, 66, 1866-1875.	0.8	13
248	Hydroâ€azaâ€(C₅₉N)fullerenes: Formation Mechanism and Hydrogen Substitution. Chemistry - A European Journal, 2016, 22, 13575-13581.	1.7	13
249	An Iron Pincer Complex in Four Oxidation States. Inorganic Chemistry, 2020, 59, 5632-5645.	1.9	13
250	Stabilisierung von Eisen in hoher Oxidationsstufe: der einkernige Komplex [Fe^V(<scp>I</scp>)(â€˜N₂S₂â€™)]. Angewandte Chemie, 1997, 109, 1808-1810.	1.6	12
251	Chemie polyfunktioneller MolekÃ¼le, 132. Mitt. [1]. Synthese und Kristallstruktur paramagnetischen fÃ¼nffach-koordinierten eines Cobalt(III)-Komplexes ausgehend von Co2(CO)8, Ph2P-N*PPh2-PPh2*N-PPh2 und Lufta. Monatshefte FÃ¼r Chemie, 1999, 130, 1419-1430.	0.9	12
252	Ambiphilie, ein charakteristisches ReaktivitÃtsprinzip Ï€-gebundener Phosphorheterocyclen. Angewandte Chemie, 2002, 114, 4221-4226.	1.6	12

#	Article	IF	Citations
253	Crystal structures of (â˜)-(S S , 1R, 2S, 5R)-menthyl p-tolyl sulfinate and (+)-(S S) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 T	0.5	12
254	Diphospholyl and triphospholyl zirconium Ï€-complexes: Zieglerâ€“Natta oligomerization catalysts and reactive intermediates in Pâ€“C cage formation by hydrolysis. Journal of Organometallic Chemistry, 2009, 694, 1223-1234.	0.8	12
255	Structural Properties of Ruthenium Biimidazole Complexes Determining the Stability of their Supramolecular Aggregates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 281-290.	0.3	12
256	Photochemical synthesis of N-adamantylhomoallylamines through addition of cyclic olefins to imines catalyzed by alumina grafted cadmium sulfide. Photochemical and Photobiological Sciences, 2012, 11, 908-913.	1.6	12
257	Synthesis, crystal and solution structures and antimicrobial screening of palladium(II) complexes with 2-(phenylselanylmethyl)oxolane and 2-(phenylselanylmethyl)oxane as ligands. Journal of Inorganic Biochemistry, 2015, 143, 9-19.	1.5	12
258	Optimized Syntheses of Optically Pure P-Alkene Ligands: Crystal Structures of a Pair of P-Stereogenic Diastereomers. Synthesis, 2016, 48, 1117-1121.	1.2	12
259	Developing Chiral Dibenzazepine-Based S(O)-Alkene Hybrid Ligands for Rh(I) Complexation: Catalysts for the Base-Free Hayashiâ€“Miyaura Reaction. Organometallics, 2018, 37, 3983-3992.	1.1	12
260	Carbon Dioxide Activation by a Palladium Terminal Imido Complex. Australian Journal of Chemistry, 2019, 72, 900.	0.5	12
261	Tricyclic Sulfoxideâ€“Alkene Hybrid Ligands for Chiral Rh(I) Complexes: The â€œMatchedâ€•Diastereomer Catalyzes Asymmetric Câ€“C Bond Formations. Organometallics, 2020, 39, 1348-1359.	1.1	12
262	Systematic Counterion Tuning of the Solid-State Structure of [Pt(thiourea)4]2+. European Journal of Inorganic Chemistry, 2007, 2007, 1390-1404.	1.0	11
263	Two New Imidazole-Based Heteroscorpionate Ligands. European Journal of Inorganic Chemistry, 2009, 2009, 3960-3965.	1.0	11
264	Bis(pyrazol-1-yl)acetic Acid Bearing Ferrocenyl Substituents. Organometallics, 2013, 32, 5935-5945.	1.1	11
265	Phenanthroline-Based Molecular Switches for Prospective Chemical Grafting: A Synthetic Strategy and Its Application to Spin-Crossover Complexes. Inorganic Chemistry, 2020, 59, 2659-2666.	1.9	11
266	A valence tautomeric cobaltâ€“dioxolene complex with an anchoring group for prospective chemical grafting to metal oxides. Dalton Transactions, 2020, 49, 17532-17536.	1.6	11
267	A Crystalline Iron Terminal Methylidene. Journal of the American Chemical Society, 2021, 143, 17219-17225.	6.6	11
268	Chemie polyfunktioneller MolekÃ¼le, 125 Synthese und Kristallstruktur von N,N,Nâ€²,Nâ€³,Nâ€Pentamethylâ€diethylentriaminâ€cokoordiniertem Kaliumâ€bis(diphenylphosphanyl)amid. Chemische Berichte, 1997, 130, 141-144.	1.2	10
269	(P,P-Dimethylphosphino)methyl Chromate(II) Complexesâ€” [{Li(thf)}2Cr2(CH2PMe2)6], the First Homoleptic (Phosphino)methyl Transition Metal Complex. Chemistry - A European Journal, 1998, 4, 2204-2210.	1.7	10
270	Pyridine-Derived Tetrapodal Ligands with NO4 and NN4 Donor Sets. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 946-954.	0.3	10

#	Article	IF	Citations
271	Tetrapodal Pentadentate Ligands with NS4 and NP4 Donor Sets: An Elusive Tetrathiol, and a Sterically Encumbered Tetraphosphane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 1256-1264.	0.3	10
272	3-(2-Furyl)-4-(4-methoxyphenyl)-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2368-o2370.	0.2	10
273	Structure, Stereoelectronics, and Synthetic Potential of 1,2-Bisonio-1,2-bis(dialkylamino)ethenes. Angewandte Chemie - International Edition, 2006, 45, 8059-8062.	7.2	10
274	Alternative Synthesis, Density Functional Calculations and Proton Reactivity Study of a Trinuclear [NiFe] Hydrogenase Model Compound. European Journal of Inorganic Chemistry, 2007, 2007, 3385-3393.	1.0	10
275	Methylated [(arene)(1,3-cyclohexadiene)Ru(0)] complexes as low-melting MOCVD precursor complexes with a controlled follow-up chemistry of the ligands. Journal of Materials Chemistry, 2011, 21, 3014.	6.7	10
276	Copper Complexes of â€œSuperpodalâ€•Amine Ligands and Reactivity Studies towards Dioxygen. European Journal of Inorganic Chemistry, 2012, 2012, 3000-3013.	1.0	10
277	X-Ray Crystallography of Tetracycline, Doxycycline and Sancycline. Journal of Chemical Crystallography, 2013, 43, 213-222.	0.5	10
278	Tetraanionic N2O2-coordinating ligands as potential building blocks for supramolecular magnetic networks. Dalton Transactions, 2013, 42, 5237.	1.6	10
279	Novel Dinuclear Redoxâ€isomeric Complexes with a Tetrapodal Pyridineâ€based Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2177-2182.	0.6	10
280	Electronâ€rich, Nitridoâ€bridged Ruthenium Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 49-51.	0.6	10
281	[18]Annulene put into a new perspective. Chemical Communications, 2016, 52, 4710-4713.	2.2	10
282	Cobalt Diazoâ€Compounds: From Nitrilimide to Isocyanoamide via a Diazomethanediide Fleeting Intermediate. Angewandte Chemie - International Edition, 2021, 60, 11138-11142.	7.2	10
283	The methylcobalt(III) complex of a tetrapodal pentadentate amine ligand, 2,6-bis(1â€²,3â€²-diamino-2â€²-methyl-prop-2â€²-yl)pyridine. Inorganica Chimica Acta, 1999, 286, 98-102.	1.2	9
284	Mononuclear Ni, Pd and Pt Complexes with â€²S3â€²2â€“ Thioether Thiolate and HNPnPr3 Phosphorane Imine Ligands [â€²S3â€²2â€“ = Bis(2-mercaptophenyl)sulfide (2â€“)]. European Journal of Inorganic Chemistry, 2000, 2000, 59-63.	1.0	9
285	2-Amino-5-phenyl-1,3,4-thiadiazole at 110â€…K. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o820-o821.	0.2	9
286	Trinuclear Oxo-Centered Iron and Iron/Nickel Clusters - Ligand-Controlled Homo/Hetero Valency. European Journal of Inorganic Chemistry, 2005, 2005, 1383-1387.	1.0	9
287	A Tetraphosphane Imine Ligand Which Enforces Square-Pyramidal Coordination. European Journal of Inorganic Chemistry, 2005, 2005, 3506-3512.	1.0	9
288	Tetra- and Triphosphane Pyridine Podands and Their Cobalt(II) and Nickel(II) Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 3901-3910.	1.0	9

#	Article	IF	Citations
289	Stabilization of a copper peroxido complex with a new binucleating ligand. Journal of Coordination Chemistry, 2010, 63, 2629-2641.	0.8	9
290	Palladium(II) complexes with R2edda-derived ligands. Part V. Reaction of O,Oâ€²-diethyl-(S,S)-ethylenediamine-N,Nâ€²-di-2-(3-methyl)butanoate with K2[PdCl4]. Transition Metal Chemistry, 2011, 36, 331-336.	0.7	9
291	Syntheses, Characterization, and Magnetic Studies of Copper(II) Complexes with the Ligand N,N,Nâ€²,Nâ€²-Tetrakis(2-pyridylmethyl)-1,3-benzenediamine (1,3-tpbd) and its Phenol Derivative 2,6-Bis[bis(2-pyridylmethyl)amino]-p-cresol] (2,6-Htpcd). Inorganic Chemistry, 2012, 51, 88-97.	1.9	9
292	Ligand substitution reactions of some sterically hindered Pt(II) complexes. The crystal structures of [TLtBuH2](ClO4)2Â·0.5H2O. Polyhedron, 2012, 41, 70-76.	1.0	9
293	Selective oxidative conversion of triaryldihydro[C59N]fullerenes: a model case for oxygenation of carbon allotropes. Chemical Communications, 2014, 50, 2021.	2.2	9
294	Synthesis and Properties of Organic Hexahalocerate(III) Salts. European Journal of Inorganic Chemistry, 2016, 2016, 1333-1339.	1.0	9
295	Ein isolierbarer terminaler Imidkomplex des Palladiums und katalytische Implikationen. Angewandte Chemie, 2018, 130, 16463-16467.	1.6	9
296	Uranium Going the Soft Way: Low-Valent Uranium(III) Coordinated to an Arene-Anchored Tris-Thiophenolate Ligand. Inorganic Chemistry, 2021, 60, 16455-16465.	1.9	9
297	â€œEmbroideredâ€•Square Pyramidal Coordination Caps for Nickel(II): Mono-, Di- and Tetrafunctionalisation of a Tetrapodal Pentadentate Ligand with an NN4 Donor Set. European Journal of Inorganic Chemistry, 1999, 1999, 2147-2156.	1.0	8
298	Synthesis and Structure of High-Nuclearity Bimetallic Clusters containing Polycyanometallate Cores capped by [NiII(pyN4)] Fragments. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 2449-2457.	0.6	8
299	Methylated [(benzene)(1,3â€butadiene)Ru⁰] Derivatives as Novel MOCVD Precursors with Favorable Properties. Chemical Vapor Deposition, 2011, 17, 15-21.	1.4	8
300	Synthesis, spectroscopy, X-ray crystal structure, and DFT studies on a platinum(II) Schiff-base complex. Journal of Coordination Chemistry, 2012, 65, 4115-4124.	0.8	8
301	An Approach to Rigid, Optically Active Chelate Ligands withC2Symmetry: Dialkylhexaphosphapentaprismanes. European Journal of Inorganic Chemistry, 2013, 2013, 5769-5780.	1.0	8
302	Secrets of Solid State and Aqueous Solution Structures of [Ni(tmdta)]^{2â€“}. Inorganic Chemistry, 2014, 53, 6684-6697.	1.9	8
303	Towards Rutheniumâ€Based Building Blocks for CuAAC Click Reactions: Challenges in Generating Ruthenium(II) PolyÂpyridine Alkynes. European Journal of Inorganic Chemistry, 2015, 2015, 4869-4877.	1.0	8
304	MolekÃ¼l- und Kristallstruktur der Verbindung 8-(n-Butylaminophenyl-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 Td (methyliden)-1,2,3 Chemical Sciences, 1994, 49, 1063-1066.	0.3	7
305	Untersuchungen zum elektronischen Einfluï¿½ von Organoliganden. XIII. Synthese und Charakterisierung von 2-funktionalisierten Vinylrhodoximen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1996, 622, 1946-1952.	0.6	7
306	Synthesis and structure of a Î¼-(E)-vinylene-bis[dimethylglyoximato(1-)-dimethylglyoximato(2-)-(triphenylphosphine)rhodate] complex a vinylene-bridged dinuclear rhodium complex. Journal of Organometallic Chemistry, 1997, 527, 239-245.	0.8	7

#	Article	IF	Citations
307	Transition Metal Complexes with Sulfur Ligands, 123[[Synthesis and Reactivity of New Complexes Containing the [Ru(â€œS4â€)] Fragment [S42- = 1,2-Bis(2-mercaptophenylthio)ethane(2-)]. Chemische Berichte, 1997, 130, 571-579.	0.2	7
308	Synthese und Charakterisierung von kronenetherstabilisierten Platin(IV)- Komplexen mit AminosÃureliganden / Synthesis and Characterization of Amino Acid Complexes of Platinum(IV) Stabilized by Crown Ethers. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 581-586.	0.3	7
309	Die Aktivierung der C-N-Bindung von tertiÃren Carboxamiden in Werner-Komplexen: Eine klassische Struktur-Funktions-Beziehung. Angewandte Chemie, 2002, 114, 3535-3537.	1.6	7
310	Unusual oxidative stability of a multidentate primary amine ligand: facile synthesis of the oxo-bridged diiron(III) complex. Inorganic Chemistry Communication, 2004, 7, 773-776.	1.8	7
311	Protonation and H/D exchange reactions promoted by a sulfur-rich osmium hydride complex: identification of a labile dihydrogen complex. Dalton Transactions, 2004, , 3991.	1.6	7
312	Diastereoselective Routes to [Amino{Ïƒ(P):Î·6-(ansa-phosphinite)benzene}chlororuthenium(II)] PF6 Salts: Kinetic versus Thermodynamic Preferences. Organometallics, 2008, 27, 4116-4125.	1.1	7
313	Bond Activation in Iron(II) and Nickel(II) Complexes of Polypodal Phosphanes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 238-250.	0.3	7
314	New Simple Synthesis of N-Substituted 1,3-Oxazinan-2-ones. Synthesis, 2010, 2010, 943-946.	1.2	7
315	Syntheses, Characterization and Properties of Openâ€Chain Copper(I) Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 255-267.	1.0	7
316	Invertomers of Fullerenophosphates. Angewandte Chemie - International Edition, 2013, 52, 3521-3524.	7.2	7
317	Synthesis and Characterization of Iron Trisphenolate Complexes with Hydrogen-Bonding Cavities. Inorganic Chemistry, 2014, 53, 2763-2765.	1.9	7
318	Chiral (SO)â€“Nâ€“(SO) Sulfoxide Pincer Complexes of Mg, Rh, and Ir: Nâ€“H Activation and Selective Sulfoxide Reduction upon Ligand Coordination. Organometallics, 2015, 34, 1925-1931.	1.1	7
319	Liquid silver tris(perfluoroethyl)trifluorophosphate salts as new media for propene/propane separation. Physical Chemistry Chemical Physics, 2016, 18, 28242-28253.	1.3	7
320	Ï€-Stacking attraction vs. electrostatic repulsion: competing supramolecular interactions in a tpphz-bridged Ru(<scp>ii</scp>)/Au(<scp>iii</scp>) complex. Dalton Transactions, 2016, 45, 12846-12853.	1.6	7
321	CO₂ Activation with Formation of Uranium Carbonate Complexes in a Closed Synthetic Cycle. Organometallics, 2020, 39, 1602-1611.	1.1	7
322	Electronic Structure and Magnetic Properties of a Titanium(II) Coordination Complex. Inorganic Chemistry, 2020, 59, 6187-6201.	1.9	7
323	A Specific Ï€-Ligand Transfer Reaction via Triple-Decker Sandwich Complex Intermediates. Collection of Czechoslovak Chemical Communications, 1997, 62, 309-317.	1.0	7
324	Synthesis, Structure, and Properties of Osmium Complexes Containing [Os(â€²S4â€²)] and [Os(â€²S2â€²)2] Fragments (â€²S4â€²2â€˜ = 1,2-Bis(2-mercaptophenylthio)ethane(2â€˜), â€²S2â€²2â€˜ = 1,2-Benzenedithiolate). European Journal of Inorganic Chemistry, 1998, 1998, 819-826.	1.0	6

#	Article	IF	Citations
325	Synthesis, structure and reactivity of complexes containing [M(S2)2] fragments (M=Ru, Os;) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	6
326	Stereospecific Ligands and Their Complexes. III. Oxalato and Malonato-(ethylenediamine-N,Nâ€²-di-S,S-2-propionato)-Chromate(III) Complexes. Crystal Structure of the Î”-(â€“)589-s-cis-K[Cr(S,S-eddp)(ox)]ÂÂ·Â0.5H2O. Journal of Chemical Crystallography, 2008, 38, 883-889.	0.5	6
327	Chiral Ir(I) and Ir(III) complexes [Ir{(R)-binap} (1,2-diamine)]Cl and trans-[Ir(H)2{(R)-binap} (1,2-diamine)]Cl: synthesis and catalytic applications. Journal of Coordination Chemistry, 2010, 63, 2673-2684.	0.8	6
328	Titanium isopropoxide complexes containing diamine bis-thiolato based [N2S2]2â^' ligands; effect of steric bulk on coordination features. Inorganic Chemistry Communication, 2012, 20, 135-137.	1.8	6
329	Modified bibenzimidazole ligands as spectator ligands in photoactive molecular functional Ru-polypyridine units? Implications from spectroscopy. Dalton Transactions, 2014, 43, 17659-17665.	1.6	6
330	Synthesis and first X-ray structure of a hexa-peri-hexabenzocoroneneâ€“fullerene-dyad: a model for an inter-carbon-allotrope hybrid. Faraday Discussions, 2014, 173, 297-310.	1.6	6
331	Optically Active Tetraâ€‹tertâ€‹butylâ€‹P₅â€‹deltacyclene Epimers: Preparation, Spectroscopy, Dynamic Equilibriums, H/D Exchange, and Transitionâ€‹Metal Complex Chemistry. Chemistry - A European Journal, 2014, 20, 5708-5720.	1.7	6
332	Camphopyrazole-based N,N- and N,P-ligands and chiral complexes of Ni, Pd, and Rh: Pâ€“N bond activation upon Rh(I) complexation. Tetrahedron: Asymmetry, 2016, 27, 759-767.	1.8	6
333	C₂-Symmetric (SO)N(SO) Sulfoxide Pincer Complexes of Mg and Pd: Helicity Switch by AmbidentateS/O-Coordination and Isolation of a Chiral Pd-Sulfenate. Organometallics, 2018, 37, 1160-1171.	1.1	6
334	Transmetalation from Magnesiumâ€“NHCsâ€”Convenient Synthesis of Chelating Ï€-Acidic NHC Complexes. Inorganics, 2019, 7, 65.	1.2	6
335	Cyaarside (CAs â^') and 1,3â€Diarsaallendiide (AsCAs 2â^') Ligands Coordinated to Uranium and Generated via Activation of the Arsaethynolate Ligand (OCAs â^'). Angewandte Chemie, 2019, 131, 1693-1697.	1.6	6
336	Transition metal complexes with sulfur ligands Part CXXV. Synthesis and characterization of hydrido and chloro complexes with rhodium sulfur cores. Inorganica Chimica Acta, 1998, 272, 211-227.	1.2	5
337	Rotameric Properties of Novel N-Acyl and N-Acyloxy Dimeric 4-Phenyl-1,4-dihydropyridines Derived from Developed Solid-State Synthesis. Heterocycles, 1999, 51, 2367.	0.4	5
338	5-(Furan-2-yl)-1,3,4-oxadiazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o322-o323.	0.2	5
339	Synthesis and exploratory coordination chemistry of the new ditertiary carbinamine ligand 2,6-bis(Î±-aminoisopropyl)pyridine. Inorganica Chimica Acta, 2007, 360, 1474-1481.	1.2	5
340	Square-pyramidal iron coordination modules as potential spin switches for the chemisorption on gold. Applied Physics A: Materials Science and Processing, 2008, 93, 303-311.	1.1	5
341	1,3-Bis(Î±-aminoisopropyl)benzene, meta-C6H4(CMe2NH2)2: An N,N-bridging and N,C,N-cyclometalating ligand. Inorganica Chimica Acta, 2008, 361, 1311-1318.	1.2	5
342	Experimental and computational studies of two new mono- and dinuclear iridium complexes containing a Buchwald biphenyl phosphine ligand. Inorganica Chimica Acta, 2008, 361, 2623-2630.	1.2	5

#	Article	IF	Citations
343	Seven-coordinate iron(II) complexes of sulfur-based N₃S₂-macrocyclic ligands: synthesis, properties, and crystal structure. Journal of Coordination Chemistry, 2012, 65, 934-944.	0.8	5
344	High Resolution Scanning Tunneling Microscopy of a 1D Coordination Polymer with Imidazoleâ€Based N,N,O Ligands on HOPG. Chemistry - A European Journal, 2014, 20, 11863-11869.	1.7	5
345	Effect of Chelate Ring Size in Iron(II) Isothiocyanato Complexes with Tetradentate Tripyridyl-alkylamine Ligands on Spin Crossover Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 85-94.	0.6	5
346	Ein terminaler Nitriliminkomplex des Eisens: Zugang zum terminalen Nitrid durch Spaltung einer Diazoâ€Nâ€Nâ€Bindung. Angewandte Chemie, 2019, 131, 18719-18723.	1.6	5
347	Spin States of 1D Iron(II) Coordination Polymers with Redox Active TTF(py)₂ as Bridging Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 295-305.	0.6	5
348	One-way photoisomerization of ligands for permanent switching of metal complexes. Journal of Materials Chemistry C, 2021, 9, 4757-4763.	2.7	5
349	Chemistry of polyfunctional molecules. Inorganica Chimica Acta, 1999, 284, 288-291.	1.2	4
350	Bis(Î·4-cycloocta-1,5-diene)rhodium(I) trifluoromethanesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, m117-m118.	0.2	4
351	Intramolecular Reactivity of Ï€-Coordinated P-Heterocycles: How to Form Five-Membered Rings out of Phosphaalkynes. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1523-1527.	0.8	4
352	(3E)-3-[(4-Butylphenyl)imino]-1,3-dihydro-2H-indol-2-one. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o780-o782.	0.2	4
353	Synthesis and Structural Characterization of a New Tetranuclear Macrocyclic Copper(I) Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 2211-2215.	0.6	4
354	1,3-Dibenzoylimidazolidine-2-thione and 1,3-dibenzoyl-3,4,5,6-tetrahydropyrimidine-2(1H)-thione. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o348-o350.	0.4	4
355	[cisâ€(1,3â€Diene)₂W(CO)₂] Complexes as MOCVD Precursors for the Deposition of Thin Tungsten â€“ Tungsten Carbide Films. Chemical Vapor Deposition, 2010, 16, 239-247.	1.4	4
356	Synthesis and structural characterization of a highly substituted triazine ring comprising a sterically flexible methylene linker and coordinating substituents. Tetrahedron Letters, 2017, 58, 2715-2719.	0.7	4
357	Post-synthetic modification of divalent nickel acetate cubanes with carboxylates. Journal of Coordination Chemistry, 2017, 70, 626-641.	0.8	4
358	Towards enantiopure macrocyclic trans-dinucleating hemilabile P-Alkene ligands: Syntheses, structures, and Chiral Pd-Complexes. Journal of Organometallic Chemistry, 2019, 898, 120876.	0.8	4
359	Photochromic diarylethene ligands featuring 2-(imidazol-2-yl)pyridine coordination site and their iron(II) complexes. Beilstein Journal of Organic Chemistry, 2019, 15, 2428-2437.	1.3	4
360	Oxidative Addition of Water, Alcohols, and Amines in Palladium Catalysis. Angewandte Chemie, 2020, 132, 21274-21281.	1.6	4

#	Article	IF	Citations
361	A Pair of Cobalt(III/IV) Terminal Imido Complexes. Angewandte Chemie, 2021, 133, 16616-16622.	1.6	4
362	First Rotameric Anti Dimers and 3,9-Diazatetraasteranes from Unsymmetrically Substituted N-Acyl and N-Acyloxy-4-aryl-1,4-dihydropyridines. Heterocycles, 2002, 57, 1003.	0.4	4
363	Ir(IV) Sulfoxide-Pincer Complexes by Three-Electron Oxidative Additions of Br₂ and I₂. Unprecedented Trap-Free Reductive Elimination of I₂ from a formal d⁵ Metal. Inorganic Chemistry, 2022, 61, 1236-1248.	1.9	4
364	A New Class of Taskâ€Specific Imidazolium Salts and Ionic Liquids and Their Corresponding Transitionâ€Metal Complexes for Immobilization on Electrochemically Active Surfaces. Chemistry - A European Journal, 2022, 28, .	1.7	4
365	REAKTIONEN VON 6-SUBSTITUIERTEN N-AKZEBTORMETHYL-BENZOTHIAZOLIN-2-ONEN MIT SCHWEFELKOHLENSTOFF UND PHENYLISOTHIOCYANAT. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 69, 267-275.	0.8	3
366	THIOOXALSÃ„URE-2-AMID-1-HYDRAZID-2-HYDRAZON: EINE NEUE ZWITTERIONISCHE VERBINDUNG. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 86, 177-179.	0.8	3
367	Crystal structure of ethyl 4-methylthio-3-phenyl-2-thioxo-2,3-dihydro-1,3-oxazole-5-carboxylate. Journal of Chemical Crystallography, 1995, 25, 237-240.	0.5	3
368	Kristall- und MolekÃ¼lstruktur von 2-[3-(N,N-Diethylammonium)propylimino]-2-phenyl-dithioacetat / Crystal and Molecular Structure of 2-[3-(N,N-Diethylammonium)propylimino]-2-phenyl-dithioacetate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1995, 50, 81-85.	0.3	3
369	REACTIONS OF 2-ARYL-2-IMINIO DITHIOACETATES: CONVENIENT SYNTHESES OF SULFUR AND NITROGEN ANALOGUES OF 2-OXO CARBOXYLIC ACIDS. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 118, 155-180.	0.8	3
370	Molecular Dynamics of a Schiff Base Tetramacrocycle Studied by NMR and MD Simulations. Journal of Molecular Modeling, 2000, 6, 119-125.	0.8	3
371	Ethylenediammonium aquabis(malonato)oxovanadate(IV). Acta Crystallographica Section E: Structure Reports Online, 2003, 59, m541-m542.	0.2	3
372	Hydrazine Nitrosation of a Metal-Bound Nitric Oxide:â€‰ Structural Evidence for the Formation of an Ammine Complex. Inorganic Chemistry, 2006, 45, 4661-4667.	1.9	3
373	N-(4-Chlorophenyl)-N-(4,5-dihydro-1H-imidazol-2-yl)amine formamide solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2130-o2132.	0.2	3
374	Oxidation of Ru-bound thiolate thioether and its NS₄-ligand containing thiolate and thioether sulfur donors: synthesis, characterization, and X-ray structures. Journal of Coordination Chemistry, 2010, 63, 2812-2820.	0.8	3
375	Dynamic Phenomena in Selfâ€Complementary {2}â€Metallocryptates Probed by Solution ¹³³Csâ€NMR. New Insights into Ion Pairing Processes: Xâ€Ray Structure and Solidâ€State NMR Spectra of a Meandering Species. Helvetica Chimica Acta, 2012, 95, 2429-2445.	1.0	3
376	Dimeric P 5 -deltacyclene complexes: Variation of bridging modes and intact or partially opened P C cage ligand structures. Journal of Organometallic Chemistry, 2016, 821, 91-99.	0.8	3
377	Paramagnetic iron-containing ionic liquid crystals. Journal of Molecular Liquids, 2020, 304, 112583.	2.3	3
378	Compatibility of a Gaseous Dielectric with Al, Ag, and Cu and Gasâ€Phase Synthesis of a New Nâ€Acylamidine Copper Complex. European Journal of Inorganic Chemistry, 2020, 2020, 1989-1994.	1.0	3

#	Article	IF	Citations
379	Crystal structures of twoN-substituted 2-thioxo-1,3-dithiole-4-carboxamides. Journal of Chemical Crystallography, 1995, 25, 463-467.	0.5	2
380	(3E)-3-[(4-Hexylphenyl)imino]1H-indol-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o569-o571.	0.2	2
381	1-(12-Benzoyl-10-oxa-12-azatetracyclo[6.3.1.02,7.09,11]dodeca-2,4,6-trien-1-yl)ethan-1-one. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o635-o637.	0.2	2
382	3-Benzyl-4-(4-methylphenyl)-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2281-o2283.	0.2	2
383	Câ€”H...O, Câ€”H...Ï€ and Ï€â€“Ï€ interactions in three benzofuran-2-yl ketone derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o438-o441.	0.4	2
384	3-Butyl-4-(3-methyl-3-phenylcyclobut-1-yl)-1,3-thiazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o555-o556.	0.2	2
385	3-Cyclohexyl-4-(3-methyl-3-phenylcyclobutyl)-1,3-thiazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1176-o1177.	0.2	2
386	(3-Methyl-3-phenylcyclobutyl)(naphtho[2,1-b]furan-2-yl)methanone. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2783-o2784.	0.2	2
387	(OC-6-13)-Bis(acetone)dihydridobis(tricyclohexylphosphine)iridium(III) tetrafluoridoborate acetone solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2769-m2770.	0.2	2
388	Configurational Flexibility of Epimeric Î²-Aminothioether-chelated Ruthenium(II) Î·⁶-Arene Complex Salts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 123-140.	0.3	2
389	A Novel Five-coordinate Mn Complex with a Redox-active SNNNS Ligand System. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 258-262.	0.3	2
390	An improved synthesis of 4-cyano-1,10-phenanthroline, 4,7-dicyano-1,10-phenanthroline and their bis(4,4â€²-di-tert-butyl-2,2â€²-bipyridine)ruthenium(II) complexes. Polyhedron, 2014, 73, 30-36.	1.0	2
391	Structural and theoretical investigations of the Rh(III) and Co(III) complexes containing symmetrical edta-type ligands with mixed carboxylate and diamine rings: Quantum-mechanical/NBO insight into stability of geometrical isomers. Polyhedron, 2019, 169, 89-101.	1.0	2
392	A lead(II) toluene complex. Mendeleev Communications, 2021, 31, 471-474.	0.6	2
393	Evaluation of Manganese Cubanoid Clusters for Water Oxidation Catalysis: From Wellâ€Defined Molecular Coordination Complexes to Catalytically Active Amorphous Films. ChemSusChem, 2021, 14, 4741-4751.	3.6	2
394	Thermochemical and Structural Studies of New Chiral and Achiral Long Alkyl Chain Functionalized Imidazolinium Ionic Liquids. Crystal Growth and Design, 2021, 21, 6276-6288.	1.4	2
395	Electronic Structure and Magnetic Properties of a Low-Spin CrII Complex: trans-[CrCl2(dmpe)2] (dmpe) Tj ETQq1 1 0.784314 rgBT /O	1.9	2
396	Molecular and Electronic Structure of Linear Uranium Metallocenes Stabilized by Pentabenzyl-Cyclopentadienyl Ligands. Organometallics, 2022, 41, 2077-2087.	1.1	2

#	Article	IF	Citations
397	2-(2,2-Dimethyl-1,3,2-dithiagermetan-4-ylidene)malononitrile. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m357-m358.	0.2	1
398	6-Methyl-N-(3-oxo-1-thia-4-azaspiro[4.4]non-4-yl)imidazo[2,1-b][1,3]thiazole-5-carboxamide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2357-o2359.	0.2	1
399	N-(2-{[(1E)-1-(2-Hydroxyphenyl)ethylidene]amino}phenyl)-2-methoxyacetamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3478-o3479.	0.2	1
400	Stereospecific ligands and their complexes. VI. The crystal structure of (S,S)-ethylenediamine-N,N'-di-2-propanoic acid hydrochloride, (S,S)-H2eddpâ€¢HCl. Journal of the Serbian Chemical Society, 2011, 76, 995-1001.	0.4	1
401	Optically Active P5-Deltacyclenes: A Unique Cage-Inversion Reaction and Some Transition-Metal Complexes of the Rearranged Cage. European Journal of Inorganic Chemistry, 2016, 2016, 691-699.	1.0	1
402	Novel Tetraindoles and Unexpected Cycloalkane Indoles from the Reaction of Indoles and Aliphatic Dialdehydes. Journal of Heterocyclic Chemistry, 2017, 54, 714-719.	1.4	1
403	Stereoselective P5-Deltacyclene Alkylation, an Efficient Route to New Asymmetric P-C-Cage Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 922-931.	0.6	1
404	Cobalt Diazoâ€Compounds: From Nitrilimide to Isocyanoamide via a Diazomethanediide Fleeting Intermediate. Angewandte Chemie, 2021, 133, 11238-11242.	1.6	1
405	1,5-Di-tert-butyl-3,3,7,7,10,10-hexaphenyl-2,4,6,8,9,11-hexaoxa-3,7,10-trisila-1,5-digermabicyclo[3.3.3]undecane. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, m1146-m1148.	0.2	0
406	Orthorhombic polymorph of 1,2-bis(2-aminophenoxy)ethane. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o331-o332.	0.2	0
407	Methyl 2-[(1-oxo-1H-isochromen-3-yl)methyl]benzoate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2824-o2824.	0.2	0
408	Chlorido(Î·4-cycloocta-1,5-diene)[(S)-2-(methoxymethyl)pyrrolidine-ÎºN]rhodium(I). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2855-m2855.	0.2	0
409	syn-Tri-Î¼-chlorido-bis{[(R,R)/(S,S)-2,2â€²-bis(diphenylphosphino)-1,1â€²-biphenyl]hydridoiridium(III)} tetrafluoridoborate dichloromethane disolvate. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, m144-m146.	0.4	0
410	(4R)-3-Hydroxy-7-isopropyl-4-methyl-5,6-dihydrobenzofuran-2(4H)-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o824-o824.	0.2	0
411	Crystal Structures of trans-Diiodidobis(2-hydroxyethylamine)platinum(II) and trans-Dichloridobis(2,2â€™-dihydroxydiethylamine)platinum(II). Macroheterocycles, 2020, 13, 210-214.	0.9	0
412	New rhodium(III)-ED3AP complex: Crystal structure, characterization and computational chemistry. Journal of the Serbian Chemical Society, 2022, 87, 561-573.	0.4	0