

# Thomas Weyhermüller

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

432  
papers

19,204  
citations

73  
h-index

108  
g-index

441  
ext. papers

20,251  
ext. citations

5.6  
avg, IF

6.5  
L-index

#	Paper	IF	Citations
432	Stabilization of intermediate spin states in mixed-valent diiron dichalcogenide complexes.. <i>Nature Chemistry</i> , <b>2022</b> ,	17.6	4
431	Rhodium(i) complexes derived from tris(isopropyl)-azaphosphatane-controlling the metal-ligand interplay.. <i>RSC Advances</i> , <b>2021</b> , 11, 37383-37391	3.7	0
430	A New Member of the Growing Family of Interconvertible {RuNO} <sub>6,7,8</sub> Species. Redox and Acid-Base Characterization of [Ru((CH <sub>2</sub> py) <sub>2</sub> Me[9]aneN <sub>3</sub> )(NO)] <sub>n+</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 4842	2.3	1
429	Systematic Variation of 3d Metal Centers in a Redox-Innocent Ligand Environment: Structures, Electrochemical Properties, and Carbon Dioxide Activation. <i>Inorganic Chemistry</i> , <b>2021</b> ,	5.1	1
428	A Molecular Iron-Based System for Divergent Bond Activation: Controlling the Reactivity of Aldehydes. <i>ACS Catalysis</i> , <b>2021</b> , 11, 7176-7185	13.1	11
427	Ruthenium 4d-to-2p X-ray Emission Spectroscopy: A Simultaneous Probe of the Metal and the Bound Ligands. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8272-8283	5.1	6
426	Coordination polymers of Ag(i) and Hg(i) ions with 2,2'-azobispyridine: synthesis, characterization and enhancement of conductivity in the presence of Cu(ii) ions. <i>Dalton Transactions</i> , <b>2020</b> , 49, 8438-8442	4.3	2
425	Metal promoted conversion of aromatic amines to ortho-phenylenediimine derivatives by a radical coupling path. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5015-5019	4.3	1
424	Hydroamination of Aromatic Alkynes to Imines Catalyzed by Pd(II)-Anthraphos Complexes. <i>ACS Omega</i> , <b>2020</b> , 5, 8912-8918	3.9	2
423	Controlling the Product Platform of Carbon Dioxide Reduction: Adaptive Catalytic Hydrosilylation of CO <sub>2</sub> Using a Molecular Cobalt(II) Triazine Complex. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15804-15811	3.6	3
422	Controlling the Product Platform of Carbon Dioxide Reduction: Adaptive Catalytic Hydrosilylation of CO Using a Molecular Cobalt(II) Triazine Complex. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15674-15681	16.4	20
421	Coligand driven diverse organometallation in benzothiazolyl-hydrazone derivatized pyrene: ortho vs. peri C <sup>≡</sup> N activation. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 1407-1417	3.6	1
420	Reversible Insertion of Carbon Dioxide at Phosphine Sulfonamido Pd(II) Aryl Complexes. <i>Organometallics</i> , <b>2020</b> , 39, 4465-4473	3.8	2
419	Innentitelbild: Controlling the Product Platform of Carbon Dioxide Reduction: Adaptive Catalytic Hydrosilylation of CO <sub>2</sub> Using a Molecular Cobalt(II) Triazine Complex (Angew. Chem. 36/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15382-15382	3.6	
418	Spectroscopic and Quantum Chemical Investigation of Benzene-1,2-dithiolate-Coordinated Diiron Complexes with Relevance to Dinitrogen Activation. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 5111-5125	5.1	5
417	From Ylides to Doubly Ylidiide-Bridged Iron(II) High Spin Dimers via Self-Protolysis. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9358-9367	5.1	14
416	Structural characteristics of redox-active pyridine-1,6-diimine complexes: Electronic structures and ligand oxidation levels. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 380, 287-317	23.2	49

415	Coordination Modes, Oxidation, and Protonation Levels of 2,6-Pyridinediimine and 2,2':6',2' -Terpyridine Ligands in New Complexes of Cobalt, Zirconium, and Ruthenium. An Experimental and Density Functional Theory Computational Study. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 121-132	5.1	5
414	Electronic Structure and Spin Multiplicity of Iron Tetraphenylporphyrins in Their Reduced States as Determined by a Combination of Resonance Raman Spectroscopy and Quantum Chemistry. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2141-2148	5.1	30
413	Probing the Valence Electronic Structure of Low-Spin Ferrous and Ferric Complexes Using 2p3d Resonant Inelastic X-ray Scattering (RIXS). <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 9515-9530	5.1	13
412	Manganese-catalyzed hydroboration of carbon dioxide and other challenging carbonyl groups. <i>Nature Communications</i> , <b>2018</b> , 9, 4521	17.4	70
411	Remarkable Changes of the Acidity of Bound Nitroxyl (HNO) in the [Ru(Me9)aneN(L)(NO)] Family (n = 1-3). Systematic Structural and Chemical Exploration and Bioinorganic Chemistry Implications. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12270-12281	5.1	10
410	Proton-Coupled Oxidation of a Diarylamine: Amido and Aminyl Radical Complexes of Ruthenium(II). <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11948-11960	5.1	7
409	Electronic Spectra of Iron-Sulfur Complexes Measured by 2p3d RIXS Spectroscopy. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7355-7361	5.1	11
408	Comparative electronic structures of nitrogenase FeMoco and FeVco. <i>Dalton Transactions</i> , <b>2017</b> , 46, 2445-2455	4.3	53
407	Magneto-Structural Correlations in Pseudotetrahedral Forms of the [Co(SPh)] Complex Probed by Magnetometry, MCD Spectroscopy, Advanced EPR Techniques, and ab Initio Electronic Structure Calculations. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3102-3118	5.1	58
406	Novel mononuclear Cu (II) terpyridine complexes: Impact of fused ring thiophene and thiazole head groups towards DNA/BSA interaction, cleavage and antiproliferative activity on HepG2 and triple negative CAL-51 cell line. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 135, 434-446	6.8	38
405	Coordination of o-benzosemiquinonate, o-iminobenzosemiquinonate and aldimine anion radicals to oxidovanadium(IV). <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4564-4572	3.6	11
404	Generation, Spectroscopic, and Chemical Characterization of an Octahedral Iron(V)-Nitrido Species with a Neutral Ligand Platform. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9168-9177	16.4	33
403	Electronic Structure of a Formal Iron(0) Porphyrin Complex Relevant to CO Reduction. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4746-4751	5.1	56
402	A highly stable l-alanine-based mono(aquated) Mn(II) complex as a T-weighted MRI contrast agent. <i>Dalton Transactions</i> , <b>2017</b> , 46, 10426-10432	4.3	13
401	Pushing the photodelivery of nitric oxide to the visible: are {FeNO} complexes good candidates?. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16058-16064	4.3	6
400	Iron L-Edge X-ray Absorption and X-ray Magnetic Circular Dichroism Studies of Molecular Iron Complexes with Relevance to the FeMoco and FeVco Active Sites of Nitrogenase. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8147-8158	5.1	24
399	Measurement of the Ligand Field Spectra of Ferrous and Ferric Iron Chlorides Using 2p3d RIXS. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8203-8211	5.1	10
398	A simple cleft shaped hydrazine-functionalized colorimetric new Schiff base chemoreceptor for selective detection of F <sup>-</sup> in organic solvent through PET signaling: Development of a chemoreceptor based sensor kit for detection of fluoride. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 706-715	8.5	33

397	Molecular and electronic structures of copper-cuprizone and analogues. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 451, 23-30	2.7	3
396	Structural, Spectroscopic, and Photochemical Investigation of an Octahedral NO-Releasing {RuNO}(7) Species. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 7808-10	5.1	17
395	Arylamino radical complexes of ruthenium and osmium: dual radical counter in a molecule. <i>Dalton Transactions</i> , <b>2016</b> , 45, 19428-19440	4.3	7
394	Coordination of o-benzosemiquinonate, o-aminobenzosemiquinonate, 4,4'-di-tert-butyl-2,2'-bipyridine and 1,10-phenanthroline anion radicals to oxidovanadium(IV). <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10305-10315	3.6	6
393	Oxidovanadium Complexes of 2,2'-Bipyridine, 1,10-Phenanthroline, and p-Nitro-o-aminophenol $\square$ Radical versus Nonradical States. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 330-338	2.3	6
392	Tautomerism in o-hydroxyanilino-1,4-naphthoquinone derivatives: Structure, NMR, HPLC and density functional theoretic investigations. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1123, 245-260	3.4	7
391	Molecular structures of 2-hydroxy-1,4-naphthoquinone derivatives and their zinc(II) complexes: Combining experiment and density functional theory. <i>Polyhedron</i> , <b>2016</b> , 113, 61-72	2.7	6
390	Mixed-Valence o-Iminobenzoquinone and o-Iminobenzosemiquinonate Anion Radical Complexes of Cobalt: Valence Tautomerism. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 3680-3690	2.3	15
389	o-Iminobenzoquinone and o-Iminobenzosemiquinonate Anion Radical Complexes of Rhodium and Ruthenium. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 3691-3697	2.3	10
388	Radical non-radical states of the [Ru(PIQ)] core in complexes (PIQ = 9,10-phenanthreneiminoquinone). <i>Dalton Transactions</i> , <b>2016</b> , 45, 8236-47	4.3	5
387	Radical and Non-Radical States of the [Os(PIQ)] Core (PIQ = 9,10-Phenanthreneiminoquinone): Iminosemiquinone to Iminoquinone Conversion Promoted o-Metalation Reaction. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4746-56	5.1	12
386	Structural and Spectroscopic Characterization of Rhenium Complexes Containing Neutral, Monoanionic, and Dianionic Ligands of 2,2'-Bipyridines and 2,2':6,2'-Terpyridines: An Experimental and Density Functional Theory (DFT)-Computational Study. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 5019-36	5.1	23
385	Orthometalation of dibenzo[1,2]quinoxaline with ruthenium(II/III), osmium(II/III/IV), and rhodium(III) ions and orthometalated [RuNO](6/7) derivatives. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 1384-94	5.1	12
384	A trinuclear Cu(II) complex with functionalized s-heptazine N-ligands: molecular chemistry from a g-C <sub>3</sub> N <sub>4</sub> fragment. <i>Dalton Transactions</i> , <b>2015</b> , 44, 15761-3	4.3	8
383	Characterization of Oxygen Bridged Manganese Model Complexes Using Multifrequency (17)O-Hyperfine EPR Spectroscopies and Density Functional Theory. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 13904-21	3.4	19
382	Design and Characterization of Phosphine Iron Hydrides: Toward Hydrogen-Producing Catalysts. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6928-37	5.1	21
381	Benzo[ $\square$ ]phenoxazines and benzo[ $\square$ ]phenothiazine from vitamin K3: synthesis, molecular structures, DFT studies and cytotoxic activity. <i>RSC Advances</i> , <b>2015</b> , 5, 57917-57929	3.7	18
380	Naphthoquinone based chemosensor 2-(2'-aminomethylpyridine)-3-chloro-1,4-naphthoquinone for metal ions: Single crystal X-ray structure, experimental and TD-DFT study. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1093, 39-48	3.4	8

379	Exploring the photo-stability of the {Ru(py) <sub>4</sub> } <sup>2+</sup> fragment. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 429, 174-182	2.7	9
378	Mononuclear zinc(II), cadmium(II), cobalt(III) and di-nuclear nickel(II) complexes of a 14π electron diimine ligand: Syntheses, structures, photoluminescence and DFT investigations. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 430, 199-207	2.7	5
377	Targeting a chemorefractory COLO205 (BRAF V600E) cell line using substituted benzo[ <i>b</i> ]phenoxazines. <i>RSC Advances</i> , <b>2015</b> , 5, 82549-82563	3.7	4
376	Molybdenum L-Edge XAS Spectra of MoFe Nitrogenase. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 65-71	1.3	30
375	Determining the Electronic Structure of a Series of [(phen) <sub>3</sub> M]O (M = Ti, V, Mo) and [(pdi) <sub>2</sub> M] <sup>n+</sup> (M = Cr, Mo) Complexes: Coordination of Neutral Ligands vs. [Radical Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 3246-3254	2.3	14
374	Electronic Structures of [Low-Valent]Neutral Complexes [NiL <sub>2</sub> ]O (S = 0; L = bpy, phen, tpy) [An Experimental and DFT Computational Study. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1511-1523	2.3	24
373	Molecular and Electronic Structures of Homoleptic Six-Coordinate Cobalt(I) Complexes of 2,2':6',2''-Terpyridine, 2,2'-Bipyridine, and 1,10-Phenanthroline. An Experimental and Computational Study. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 12002-18	5.1	42
372	Tris(2,2'-azobispyridine) complexes of copper(II): X-ray structures, reactivities, and the radical nonradical bis(ligand) analogues. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 1300-13	5.1	15
371	Synthesis and characterization of n-alkylamino derivatives of vitamin K3: Molecular structure of 2-propylamino-3-methyl-1,4-naphthoquinone and antibacterial activities. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1086, 179-189	3.4	26
370	EPR and Quantum Chemical Investigation of a Bioinspired Hydrogenase Model with a Redox-Active Ligand in the First Coordination Sphere. <i>Organometallics</i> , <b>2015</b> , 34, 995-1000	3.8	12
369	Synthesis, characterization and molecular structures of homologated analogs of 2-bromo-3-(n-alkylamino)-1,4-naphthoquinone. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1056-1057, 97-103	3.4	27
368	Ruthenium, rhodium, osmium, and iridium complexes of osazones (osazones = bis-arylhydrazones of glyoxal): radical versus nonradical states. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2427-40	5.1	12
367	Synthesis and characterization of 2-(n-alkylamino)-1,4-naphthoquinone: Molecular structures of ethyl and hexyl derivatives. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1075, 345-351	3.4	18
366	Ruthenium, osmium and rhodium complexes of 1,4-diaryl 1,4-diazabutadiene: radical versus non-radical states. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13731-41	4.3	9
365	L-edge X-ray absorption study of mononuclear vanadium complexes and spectral predictions using a restricted open shell configuration interaction ansatz. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 264-76	3.6	64
364	Identification of a spin-coupled Mo(III) in the nitrogenase iron-molybdenum cofactor. <i>Chemical Science</i> , <b>2014</b> , 5, 3096-3103	9.4	131
363	Metal ion promoted tautomerization and C-N bond cleavage: conversion of catechol to a p-benzoquinone derivative. <i>Chemical Communications</i> , <b>2014</b> , 50, 13073-6	5.8	6
362	Folded Cr <sub>12</sub> Co <sub>12</sub> and Cr <sub>12</sub> Ni <sub>12</sub> wheels: a sharp increase in nuclearity of heterometallic chromium rings. <i>Chemical Communications</i> , <b>2014</b> , 50, 3871-3	5.8	13

361	Oxidovanadium(IV), oxidomolybdenum(VI) and cobalt(III) complexes of o-phenylenediamine derivatives: oxidative dehydrogenation and photoluminescence. <i>Inorganic Chemistry Frontiers</i> , <b>2014</b> , 1, 331-341	6.8	4
360	Nitrosyl-centered redox and acid-base interconversions in [Ru(Me <sub>3</sub> [9]aneN <sub>3</sub> )(bpy)(NO)](3,2,1+). The pK <sub>a</sub> of HNO for its nitroxyl derivative in aqueous solution. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 981-97	5.1	21
359	DNA/protein interaction and cytotoxic activity of imidazole terpyridine derived Cu(II)/Zn(II) metal complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13018-31	4.3	60
358	The electron transfer series [Mo(III)(bpy) <sub>3</sub> ](n) (n = 3+, 2+, 1+, 0, 1-), and the dinuclear species [{Mo(III)Cl((Me)bpy) <sub>2</sub> }(μ-O)]Cl <sub>2</sub> and [{Mo(IV)(tpy) <sub>2</sub> }(μ-MoO <sub>4</sub> )](PF <sub>6</sub> ) <sub>2</sub> ·4 MeCN. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 9037-44	4.8	3
357	Reaction between lawsone and aminophenol derivatives: Synthesis, characterization, molecular structures and antiproliferative activity. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1075, 397-405	3.4	28
356	Molecular and electronic structures of the members of the electron transfer series [Mn(bpy) <sub>3</sub> ] <sup>n</sup> (n = 2+, 1+, 0, 1-) and [Mn(tpy) <sub>2</sub> ] <sup>m</sup> (m = 4+, 3+, 2+, 1+, 0). An experimental and density functional theory study. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2276-87	5.1	40
355	Modeling the active site of [NiFe] hydrogenases and the [NiFe] subsite of the C-cluster of carbon monoxide dehydrogenases: low-spin iron(II) versus high-spin iron(II). <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6329-37	5.1	15
354	[ReF <sub>6</sub> ] <sup>2-</sup> A Robust Module for the Design of Molecule-Based Magnetic Materials. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1375-1378	3.6	19
353	Fluoride-Bridged {Gd(III) <sub>3</sub> M(III) <sub>2</sub> } (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2426-2429	3.6	13
352	Fluoride-bridged {Gd(III) <sub>3</sub> M(III) <sub>2</sub> } (M = Cr, Fe, Ga) molecular magnetic refrigerants. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2394-7	16.4	76
351	Innentitelbild: [ReF <sub>6</sub> ] <sup>2-</sup> A Robust Module for the Design of Molecule-Based Magnetic Materials (Angew. Chem. 5/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1192-1192	3.6	
350	Innentitelbild: Fluoride-Bridged {Gd(III) <sub>3</sub> M(III) <sub>2</sub> } (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants (Angew. Chem. 9/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2286-2286	3.6	
349	The neutral complex [Cr(III) <sub>4</sub> (μ-O) <sub>2</sub> (μ-CH <sub>3</sub> CO <sub>2</sub> ) <sub>7</sub> (tbpy <sub>0</sub> )(tbpy <sub>1</sub> ) <sub>0</sub> ] is a tetranuclear Cr(III) species containing a neutral (bpy <sub>0</sub> ) and a radical anion (bpy <sub>1</sub> ) <sup>-1</sup> . <i>Canadian Journal of Chemistry</i> , <b>2014</b> , 92, 913-917	0.9	2
348	Synthesis and Characterization of Nickel Compounds with Tetradentate Thiolate-thioether Ligands as Precursors for [NiFe] Hydrogenase Models. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 148-153	3.3	5
347	[ReF <sub>6</sub> ] <sup>(2-)</sup> : a robust module for the design of molecule-based magnetic materials. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1351-4	16.4	91
346	Zinc(II), iron(II/III) and ruthenium(II) complexes of o-phenylenediamine derivatives: oxidative dehydrogenation and photoluminescence. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15028-42	4.3	7
345	A Comprehensive Study on Triplesalen-Based [Mn(III) <sub>6</sub> Fe(III)] <sup>3+</sup> and [Mn(III) <sub>6</sub> Fe(II)] <sup>2+</sup> Complexes: Redox-Induced Variation of Molecular Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 4398-4409	2.3	16
344	Formation and base hydrolysis of oxidimethaneamine bridges in Co(III)-amine complexes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12080-97	5.1	

343	Syntheses, structures, magnetic properties, and density functional theory magneto-structural correlations of bis( $\eta$ -phenoxo) and bis( $\eta$ -phenoxo)- $\eta$ -acetate/bis( $\eta$ -phenoxo)-bis( $\eta$ -acetate) dinuclear Fe(III)Ni(II) compounds. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12881-92	5.1	42
342	High-resolution molybdenum K-edge X-ray absorption spectroscopy analyzed with time-dependent density functional theory. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 20911-20	3.6	58
341	Molecular structures and antiproliferative activity of side-chain saturated and homologated analogs of 2-chloro-3-( <i>n</i> -alkylamino)-1,4-naphthoquinone. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1049, 355-361	3.4	31
340	Novel paramagnetic-luminescent building blocks containing manganese(II) and anthracene-based curcuminoids. <i>Polyhedron</i> , <b>2013</b> , 52, 398-405	2.7	10
339	Structural and spectroscopic investigation of an anilinosalen cobalt complex with relevance to hydrogen production. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 14428-38	5.1	21
338	Electronic structures of homoleptic [tris(2,2'-bipyridine)M] <sub>n</sub> complexes of the early transition metals (M = Sc, Y, Ti, Zr, Hf, V, Nb, Ta; n = 1+, 0, 1-, 2-, 3-): an experimental and density functional theoretical study. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2242-56	5.1	47
337	Asymmetric cleavage of 2,2'-pyridil to a picolinic acid anion radical coordinated to ruthenium(II): splitting of water to hydrogen. <i>Chemical Communications</i> , <b>2013</b> , 49, 4522-4	5.8	6
336	Oxidation and reduction of bis(imino)pyridine iron dinitrogen complexes: evidence for formation of a chelate trianion. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 635-46	5.1	67
335	New complexes of chromium(III) containing organic $\eta$ -radical ligands: an experimental and density functional theory study. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 4472-87	5.1	30
334	9,10-phenanthrenesemiquinone radical complexes of ruthenium(III), osmium(III) and rhodium(III) and redox series. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6538-52	4.3	19
333	Metal complex analogues of crown ethers as the preorganized motif to stabilize aquated proton in solid state. <i>CrystEngComm</i> , <b>2013</b> , 15, 4099	3.3	14
332	Oxidovanadium catechol complexes: radical versus non-radical states and redox series. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7417-30	5.1	22
331	Molecular and electronic structures of six-coordinate "low-valent" [M((Me)bpy) <sub>3</sub> ] <sub>0</sub> (M = Ti, V, Cr, Mo) and [M(tpy) <sub>2</sub> ] <sub>0</sub> (M = Ti, V, Cr), and seven-coordinate [MoF((Me)bpy) <sub>3</sub> ](PF <sub>6</sub> ) and [MX(tpy) <sub>2</sub> ](PF <sub>6</sub> ) (M = Mo, X = Cl and M = W, X = F). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12763-76	5.1	44
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329	A functional [NiFe]-hydrogenase model compound that undergoes biologically relevant reversible thiolate protonation. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 20745-55	16.4	95
328	Experimental fingerprints for redox-active terpyridine in [Cr(tpy) <sub>2</sub> ](PF <sub>6</sub> ) <sub>n</sub> (n = 3-0), and the remarkable electronic structure of [Cr(tpy) <sub>2</sub> ] <sup>1-</sup> . <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 3718-32	5.1	104
327	An unusual oxidation of the imidazolyl ring in a cobalt terpyridyl complex: Crystal structure and photonuclease activity of the transformed cobalt terpyridyl complex. <i>Polyhedron</i> , <b>2012</b> , 43, 159-169	2.7	4
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323	An Electron-Rich {RuNO} <sub>6</sub> Complex: trans-[Ru(DMAP) <sub>4</sub> (NO)(OH)] <sup>2+</sup> [Structure and Reactivity. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 4301-4309	2.3	7
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321	Effect of coordinated ligands on antiproliferative activity and DNA cleavage property of three mononuclear Cu(II)-terpyridine complexes. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 57, 449-58	6.8	62
320	Copper(II) complexes of terpyridine derivatives: a footstep towards development of antiproliferative agent for breast cancer. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 117, 48-59	4.2	61
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311	Electronic and molecular structures of the members of the electron transfer series [Cr(tbpy) <sub>3</sub> ] <sub>n</sub> (n = 3+, 2+, 1+, 0): an X-ray absorption spectroscopic and density functional theoretical study. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12446-62	5.1	123
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309	Cytotoxic copper (II) mixed ligand complexes: crystal structure and DNA cleavage activity. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 4537-47	6.8	33
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304	Syntheses, crystal structures and magnetic properties of [2 <sup>+</sup> 1 <sup>+</sup> ] heterotetrametallic and [1 <sup>+</sup> 1 <sup>+</sup> ] heterodimetallic cocrystals of copper(II) and iron(II/III). <i>Inorganica Chimica Acta</i> , <b>2011</b> , 375, 263-270	2.7	21
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224	Molecular and electronic structure of square planar complexes [PdII(tbpy)(L N,O IP)] <sub>0</sub> , [PdII(tbpy)(LN,O ISQ)](PF <sub>6</sub> ), and [PdII(tbpy)(L N,O IBQ)](PF <sub>6</sub> )(BF <sub>4</sub> ).2CH <sub>2</sub> Cl <sub>2</sub> : an o-iminophenolato based ligand centered, three-membered redox series. <i>Dalton Transactions</i> , <b>2007</b> , 373-8	4.3	29
223	Unusual mixed valent Fe <sup>III</sup> Fe <sup>II</sup> complex (St = 3/2) stabilised by a reduced bulky 1,2-diketone. <i>Chemical Communications</i> , <b>2007</b> , 4339-41	5.8	
222	Molecular and electronic structure of square-planar gold complexes containing two 1,2-Di(4-tert-butylphenyl)ethylene-1,2-dithiolato ligands: [Au(2L) <sub>2</sub> ] <sup>1+/0/1-/2-</sup> . A combined experimental and computational study. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 1100-11	5.1	58
221	Neutral bis(1,4-diaza-1,3-butadiene)nickel complexes and their corresponding monocations: molecular and electronic structures. A combined experimental and density functional theoretical study. <i>Dalton Transactions</i> , <b>2007</b> , 4390-8	4.3	49
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219	A spin-frustrated star-shaped heterotetranuclear Cr <sup>III</sup> Mn <sup>II</sup> 3 species and its magnetic and HF-EPR measurements. <i>Dalton Transactions</i> , <b>2007</b> , 481-7	4.3	23
218	Ferromagnetic vs antiferromagnetic coupling in bis(mu-phenoxo)dicopper(II) complexes. Tuning of the nature of exchange coupling by remote ligand substituents. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5134-6	5.1	47

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216	Electronic structure of neutral and monoanionic tris(benzene-1,2-dithiolato)metal complexes of molybdenum and tungsten. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5642-50	5.1	49
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214	A tetracopper(II)-tetradical cuboidal core and its reactivity as a functional model of phenoxazinone synthase. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9895-905	5.1	103
213	Electronic structure of nitric oxide adducts of bis(diaryl-1,2-dithiolene)iron compounds: four-membered electron-transfer series $[\text{Fe}(\text{NO})(\text{L})_2]z$ ( $z = 1+, 0, 1-, 2-$ ). <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 522-32	5.1	23
212	Dimerization processes of square planar $[\text{PtII}(\text{tbpy})(\text{dithiolato}^*)]_2^+$ radicals. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4187-96	5.1	41
211	Rational synthesis of a heterotetranuclear $\text{CrIII}_2\text{CuII}_2$ species using a metaloximate as a building block. A magnetostructural study. <i>Dalton Transactions</i> , <b>2007</b> , 4675-80	4.3	26
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208	Synthesis, structure and spectroscopic characterization of Ni(II), Co(II), Cu(II) and Zn(II) complexes with saccharinate and pyrazole. <i>Polyhedron</i> , <b>2007</b> , 26, 4470-4478	2.7	6
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206	Cobalt complexes of terpyridine ligand: crystal structure and photocleavage of DNA. <i>Journal of Inorganic Biochemistry</i> , <b>2007</b> , 101, 434-43	4.2	194
205	The X-ray Single Crystal Structures of an Acid-functionalized Bis(2-picolyl)amine (bpa) Ligand with Palladium(II) and Zinc(II) Display Different Intermoleclar Interactions around the Common $(\text{H}_2\text{O})_2(\text{anion})_2$ Motif. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 2706-2710	1.3	10
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203	The monoanionic pi-radical redox state of alpha-iminoketones in bis(ligand)metal complexes of nickel and cobalt. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7880-9	5.1	40
202	Bis(alpha-diimine)nickel complexes: molecular and electronic structure of three members of the electron-transfer series $[\text{Ni}(\text{L})_2](z)$ ( $z = 0, 1+, 2+$ ) (L = 2-Phenyl-1,4-bis(isopropyl)-1,4-diazabutadiene). A combined experimental and theoretical study. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9003-16	5.1	108
201	Tridentate facial ligation of tris(pyridine-2-aldoximato)nickel(II) and tris(imidazole-2-aldoximato)nickel(II) To generate $\text{NiIIFeIII NiII}$ , $\text{MnII NiII}$ , $\text{NiII NiII}$ , and $\text{ZnII NiII}$ and the electrooxidized $\text{MnIV NiII}$ , $\text{NiII NiII}$ , and $\text{ZnII NiII}$ species: a magnetostructural, electrochemical, and EPR spectroscopic study. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9003-16	5.1	48
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128	Organometallic H-bond mimetics. A structural and spectroscopic study of inter-strand hydrogen bonding in ferrocene and cobaltocenium conjugates of amino acids and dipeptides. <i>Dalton Transactions</i> , <b>2003</b> , 210	4.3	96

127	The molecular and electronic structure of [FeIII <sub>2</sub> (t-buLISQ) <sub>4</sub> (ED)] <sup>II</sup> dinuclear ferric complex containing four, O,N-coordinated o-aminobenzosemiquinonate(1 <sup>-</sup> ) <sup>II</sup> radical anions. <i>Dalton Transactions</i> , <b>2003</b> , 3483-3485	4.3	26
126	Manganese complexes of mixed O, X, O-donor ligands (X = S or Se): synthesis, characterization and catalytic reactivity. <i>Dalton Transactions</i> , <b>2003</b> , 3136-3144	4.3	39
125	Fluxional processes in diamagnetic and paramagnetic allyl dicarbonyl and 2-methylallyl dicarbonyl molybdenum histidinato complexes as revealed by spectroscopic data and density functional calculations. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 1649-62	4.8	27
124	T-Symmetrical Icosahedra: A New Type of Chirality in Metal Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 16-16	16.4	
123	Spectroscopic Properties, Electrochemistry, and Reactivity of Mo <sup>0</sup> , Mo <sup>I</sup> , and Mo <sup>II</sup> Complexes with the [Mo(bpa)(CO) <sub>3</sub> ] Unit [bpa = bis(2-picoly)amine] and Their Application for the Labelling of Peptides. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 1518-1529	2.3	30
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121	Long-distance magnetic interaction between a Mn(III)Mn(IV) (S=1/2) core and an organic radical: a spectroscopic model for the S(2)Y(Z). state of photosystem II. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 4775-9	16.4	12
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118	Complexes of an aminebis(phenolate) [O,N,O] donor ligand and EPR studies of isoelectronic, isostructural Cr(III) and Mn(IV) complexes. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 337, 344-356	2.7	65
117	Copper complexes with mono- and bidentate-bridging nitronyl nitroxide-substituted benzoate ligands. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 337, 122-130	2.7	22
116	First crystal structure of a pentacyclic biomarker: 4,4,6a,12b,14b-Pentamethyl-1,2,3,4,4a,5,6,6a,6b,7, 8,12b,13,14,14a,14b-hexadecahydropicen-3 $\beta$ l. <i>Journal of Chemical Crystallography</i> , <b>2002</b> , 32, 391-394	0.5	1
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113	o-Iminobenzosemiquinonato(1 <sup>-</sup> ) and o-amidophenolato(2 <sup>-</sup> ) complexes of palladium(II) and platinum(II): a combined experimental and density functional theoretical study. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 4295-303	5.1	117
112	o-Iminobenzosemiquinonato complexes of Mn(III) and Mn(IV). Synthesis and characterization of [Mn(III)(L(ISQ))(2)(L(AP))] (S(t) = 1) and [Mn(IV)(L(ISQ))(2)(L(AP)-H)] (S(t) = 1/2). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 790-5	5.1	89
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109	The methanol-methanolate CH <sub>3</sub> OH...OCH <sub>3</sub> (-) bridging ligand: tuning of exchange coupling by hydrogen bonds in dimethoxy-bridged dichromium(III) complexes. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6538-40	5.1	40
108	Synthesis, Structure, Electrochemistry, and Magnetism of [Mn <sup>III</sup> Mn <sup>III</sup> ], [Mn <sup>III</sup> Fe <sup>III</sup> ] and [Fe <sup>III</sup> Fe <sup>III</sup> ] Cores: Generation of Phenoxyl Radical Containing [Fe <sup>III</sup> Fe <sup>III</sup> ] Species. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2161-2169	2.3	43
107	The Coordination Chemistry of cis-3,4-Diaminopyrrolidine and Related Polyamines. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2525-2542	2.3	16
106	Metal Complexes with Nitronyl Nitroxide Substituted Phenolate Ligands Providing New Magnetic Exchange Interaction Pathways [Synthesis, Structures, Magnetic Dilution Studies, and Ab Initio Calculations. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2569-2586	2.3	29
105	Feineinstellung der Elektronenstruktur in Halogenobis(o-iminobenzosemichinonato)eisen(III)-Komplexen. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 2552-2555	3.6	14
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103	Tuning the Electronic Structure of Halidobis(o-imino-benzosemiquinonato)iron(III) Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 2489-2492	16.4	100
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101	Increase in coordination number of lanthanide complexes with 2,2'-bipyridine and 1,10-phenanthroline by using $\beta$ -diketonates with electron-withdrawing groups. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 315, 163-171	2.7	55
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96	Diastereomeric metallatetrahedron complexes of the type Re <sub>2</sub> (MPPh <sub>3</sub> )(M'PPh <sub>3</sub> )(PCy <sub>2</sub> )(CO) <sub>7</sub> ( $\beta$ -thiocamphanate (M = Ag, Au, M' = Cu, Ag, Au): synthesis, structure and CD data. <i>Dalton Transactions RSC</i> , <b>2001</b> , 3329		16
95	Molecular and electronic structure of [Mn(V)N(cyclam-acetato)]PF <sub>6</sub> . A combined experimental and DFT study. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4191-8	5.1	19
94	Tris(pyridinealdoximato)metal complexes as ligands for the synthesis of asymmetric heterodinuclear Cr(III)M species [M = Zn(II), Cu(II), Ni(II), Fe(II), Mn(II), Cr(II), Co(III)]: a magneto-structural study. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 6656-65	5.1	71
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80	A novel enantiopure proline-derived triazacyclononane: synthesis, structure and application of its manganese complex. <i>Chemical Communications</i> , <b>2000</b> , 2435-2436	5.8	68
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78	Diastereomeric metallatetrahedron complexes of the type Re <sub>2</sub> (AgPR <sub>3</sub> ) <sub>2</sub> (η <sup>5</sup> -Cp <sub>2</sub> )(CO) <sub>7</sub> Z (R = Et and Ph; Z = (–) and (+)-camphanate): synthesis, structure and CD data. <i>Dalton Transactions RSC</i> , <b>2000</b> , 2837-2843		1
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68	Das gemischtvalente (ENitrido)dimangan-Anion [(CN) <sub>5</sub> Mn <sup>V</sup> (EN)Mn <sup>II</sup> (CN) <sub>5</sub> ] <sup>6-</sup> . <i>Angewandte Chemie</i> , <b>1999</b> , 111, 2932-2935	3.6	2
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41	Molecular and Electronic Structure of Nitridochromium(V) Complexes with Macrocyclic Amine Ligands. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5180-5188	5.1	61
40	Ruthenium Complexes Containing "Noninnocent" o-Benzoquinone Diimine/o-Phenylenediamide(2-) Ligands. Synthesis and Crystal Structure of the Nitrido-Bridged Complex [L <sub>2</sub> Ru(o-C(6)H(4)(NH(2))) <sub>2</sub> (N)](PF <sub>6</sub> ) <sub>2</sub> .3CH(3)CN.C(6)H(5)CH(3). <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 25-31	5.1	69
39	Encapsulation by a Chromium(III)-Containing Bicyclic Ligand Cage. Synthesis, Structures, and Physical Properties of Heterometal Complexes CrIIIMCrIII [M = (H <sup>+</sup> ) <sub>2</sub> , Li(I), Mg(II), Cu(II), Ni(II), Ni(IV), Co(III), Fe(II), Fe(III), Mn(II)]. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 1009-1020	5.1	75
38	Nitridocyanometalates of CrV, MnV, and MnVI. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 1767-1775	5.1	90

37	Nitrogen versus oxygen co-ordination of carboxamide-functionalized triazacyclononane ligands in transition metal ion complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 3805-3814		22
36	Molecular and electronic structure of a mixed-valent class II, dinuclear complex containing a linear $[Fe^{II}OBe^{III}]_3^{3+}$ core. <i>Chemical Communications</i> , <b>1997</b> , 705-706	5.8	2
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34	Synthesis, Structure, Magnetism, and Spectroscopic Properties of Some Mono- and Dinuclear Nickel Complexes Containing Noninnocent Pentane-2,4-dione Bis(S-alkylisothiosemicarbazone)-Derived Ligands. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 661-669	5.1	26
33	Exchange Coupling in an Isostructural Series of Face-Sharing Biocahedral Complexes $[LM(II)(\&mgr;-X)(3)M(II)L]BPh(4)$ (M = Mn, Fe, Co, Ni, Zn; X = Cl, Br; L = 1,4,7-Trimethyl-1,4,7-triazacyclononane). <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 2834-2843	5.1	51
32	Phenoxy Radical Complexes of Zinc(II). <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 8889-8900	16.4	149
31	Metal- versus Ligand-Centered Oxidations in Phenolato-Vanadium and -Cobalt Complexes: Characterization of Phenoxy-Cobalt(III) Species. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 3702-3710	5.1	57
30	Linear trinuclear oximate-bridged complexes $Mn^{III}, IV Mn^{III}, IV$ (M = Zn, Cu or Mn): synthesis, structure, redox behaviour and magnetism. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 4529-4538		49
29	Phenoxy-copper(II) complexes: models for the active site of galactose oxidase. <i>Journal of Biological Inorganic Chemistry</i> , <b>1997</b> , 2, 444-453	3.7	99
28	Phenoxy radical complexes of gallium, scandium, iron and manganese. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 308-19	4.8	98
27	Phenoxy radical complexes of chromium(III). <i>Chemical Communications</i> , <b>1996</b> , 1671-1672	5.8	54
26	Temperature Dependence of the Electron Transfer in a $Mn(II)Mn(III)(\&mgr;-OH)$ Mixed-Valence Manganese Complex. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 6916-6917	5.1	19
25	Exchange and Double-Exchange Phenomena in Linear Homo- and Heterotrinnuclear Nickel(II,III,IV) Complexes Containing Six $\eta$ -Phenolato or $\eta$ -Thiophenolato Bridging Ligands. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 12376-12390	16.4	84
24	First-row transition-metal complexes of mixed $\beta$ pendant-arm $\eta$ derivatives of 1,4,7-triazacyclononane containing phenolate and carboxylate functional groups. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 4409-4416		23
23	Die $[Mn^{2IV}(O)(PhBO_2)_2]^{2+}$ -Einheit: ein neues Strukturmodell f#252;manganhaltige Metalloproteine. <i>Angewandte Chemie</i> , <b>1996</b> , 108, 1653-1656	3.6	18
22	A structural and magnetochemical study of some copper(II) complexes containing the ligands 1,4,7-triazacyclononane-N-acetate (L1) and N-(2-hydroxybenzyl)-1,4,7-triazacyclononane (HL2). <i>Inorganica Chimica Acta</i> , <b>1996</b> , 246, 387-394	2.7	33
21	The First $(OH)$ -Bridged Model Complex for the Mixed-Valent $Fe^{II}Fe^{III}$ Form of Hemerythrin. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 34, 2642-2645		40
20	The $[Mn(O)(PhBO_2)_2]^{2+}$ Unit: A New Structural Model for Manganese-Containing Metalloproteins. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 1552-1554		58



19	Linkage isomerism in exchange coupled dinuclear Ni(II) complexes with three azide bridges; tris( $\eta^1,1$ -azido) versus tris( $\eta^1,3$ -azido) binding. Crystal structures of $[L_2Ni_2(\eta^1,1-N_3)_3]ClO_4$ and $[L_2Ni_2(N_3)_2-(\eta^1,3-N_3)_2]$ (L = 1,4,7-trimethyl-1,4,7-triazacyclononane). <i>Inorganica Chimica Acta</i> , <b>1996</b> , 252, 195-202	2.7	55
18	Magnetic exchange coupling in a nearly linear iron(III)nickel(II)nickel(II)iron(III) complex. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 1913-1915		28
17	$\eta^1$ Nitridodieisenkomplexe mit asymmetrischem $[Fe^{IV}N?Fe^{III}]^{4+}$ - und symmetrischen $[Fe^{IV}N?Fe^{IV}]^{5+}$ -Strukturelement. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 744-747	3.6	13
16	Der erste $(OH)$ -verbrückte Modellkomplex für die gemischtvalente $Fe^{II}Fe^{III}$ -Form des Hämerythrins. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 2885-2888	3.6	6
15	$\eta^1$ Nitridodiiron Complexes with Asymmetric $[Fe^{IV}N-Fe^{III}]^{4+}$ and Symmetric $[Fe^{IV}N?Fe^{IV}]^{5+}$ Structural Elements. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 669-672		40
14	The monofunctionalized 1,4,7-triazacyclononane derivatives 1,4,7-triazacyclononane-N-acetate (L1) and N-(2-hydroxybenzyl)-1,4,7-triazacyclononane (HL2) and their complexes with vanadium(IV)/(V). Localized and delocalized electronic structures in compounds containing the mixed valent $Fe^{III}Fe^{IV}$ core. <i>Inorganica Chimica Acta</i> , <b>1997</b> , 249, 217-229	2.7	66
13	Synthesis and Characterization of Mononuclear Octahedral Titanium(IV) Complexes Containing $Ti:O$ , $Ti(O_2)$ , and $Ti(OCH_3)_x$ (x = 1-3) Structural Units. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 2462-2471	5.1	60
12	Synthesis, molecular and electronic structure of complexes $[LNaMIVNaL](MRu,Os; H_3L = 1,4,7$ -tris(4-tert-butyl-2-mercaptobenzyl)-1,4,7-triazacyclononane). <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 909-912		13
11	First-row transition metal complexes of the hexadentate macrocycle 1,4,7-tris(5-tert-butyl-2-hydroxybenzyl)-1,4,7-triazacyclononane (LH3). Crystal structures of $[LTi^{IV}]BPh_4$ , $[LCr^{III}]$ , $[LFe^{III}]$ , and $[(LH)_2Fe^{II}_2](ClO_4)_2 \cdot 2H_2O$ . <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 508-519	5.1	49
10	Synthesis of low spin $[Mn^{II}(L_2)_2]_2 \cdot 2MeOH$ and $[Cu^{III}(L_1)]$ via condensation of S-methylisothiosemicarbazide and pentane-2,4-dione in the presence of air. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 726-728		26
9	Synthesis, properties and crystal structures of $[Mo^{VL}(O)_2]PF_6? [Mo^{IV}(O)_2]$ , $[Mo^{VL}(O)(OMe)_2]PF_6? [Mo^{VLO}_2(OMe)]BPh_4$ and $[Mo_2L_2O_3(\mu-O)]_2[BPh_4]_2$ (L = 1,4,7-trimethyl-1,4,7-triazacyclononane). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 1987-1997		12
8	Mononuclear and dinuclear ruthenium complexes containing the $LRu(acac)$ fragment. Crystal structures of $[LRu^{III}(acac)(OH)]PF_6 \cdot cntdot \cdot H_2O$ , $[(LRu^{III}(acac))_2(\mu-O_2H_3)](PF_6)_3$ , and $[(LRu^{III}(acac))_2(\mu-O)](PF_6)_2$ . Characterization of the mixed-valence species $Fe^{III}Fe^{IV}$ core. <i>Inorganica Chimica Acta</i> , <b>1993</b> , 166, 1-11	5.1	51
7	Molecular Recognition of Hexaaqua Transition Metal(II) Ions. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 714-716		15
6	How Innocent Are Pentane-2,4-dionebis(S-alkylisothiosemicarbazonato) Ligands in Biomimetic $Fe^{II}$ and $Fe^{IV}$ Complexes?. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 1635-1638		26
5	Molekulare Erkennung von Hexaaqua Übergangsmetall(II)-Ionen. <i>Angewandte Chemie</i> , <b>1993</b> , 105, 735-737	3.6	7
4	Asymmetric mixed valence manganese complexes containing the $[Mn^{III}(\mu-O)_2(\mu-MeCo_2)Mn^{IV}]^{2+}$ core and their catalase reactivity. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 1780-1782		60
3	Mono- and dinuclear titanium(III)/titanium(IV) complexes with 1,4,7-trimethyl-1,4,7-triazacyclononane (L). Crystal structures of a compositionally disordered green and a blue form of $[LTiCl_3]$ . Structures of $[LTi(O)(NCS)_2]$ , $[LTi(OCH_3)Br_2](ClO_4)$ , and $[L_2Ti_2(O)_2F_2(\mu-F)](PF_6)_2$ . <i>Inorganic Chemistry</i> , <b>1992</b> , 31, 3737-3748	5.1	45
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