

Thomas Weyhermüller

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Stabilization of intermediate spin states in mixed-valent diiron dichalcogenide complexes. <i>Nature Chemistry</i> , 2022, 14, 328-333.	6.6	16
2	A Molecular Iron-Based System for Divergent Bond Activation: Controlling the Reactivity of Aldehydes. <i>ACS Catalysis</i> , 2021, 11, 7176-7185.	5.5	28
3	Rhodium(<i>i</i>) complexes derived from tris(isopropyl)-azaphosphatrane ⁺ controlling the metal ⁺ ligand interplay. <i>RSC Advances</i> , 2021, 11, 37383-37391.	1.7	5
4	A New Member of the Growing Family of Interconvertible {RuNO} 6,7,8 Species. Redox and Acid ⁺ Base Characterization of [Ru((CH ₂ py) ₂ Me[9]aneN ₃)(NO)] ⁿ⁺ . <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4842.	1.0	2
5	Systematic Variation of 3d Metal Centers in a Redox-Innocent Ligand Environment: Structures, Electrochemical Properties, and Carbon Dioxide Activation. <i>Inorganic Chemistry</i> , 2021, , .	1.9	5
6	Coligand driven diverse organometallation in benzothiazolyl-hydrazone derivatized pyrene: ortho vs. peri C ⁺ H activation. <i>New Journal of Chemistry</i> , 2020, 44, 1407-1417.	1.4	2
7	Reversible Insertion of Carbon Dioxide at Phosphine Sulfonamido Pd ^{II} ⁺ Aryl Complexes. <i>Organometallics</i> , 2020, 39, 4465-4473.	1.1	5
8	Innentitelbild: Controlling the Product Platform of Carbon Dioxide Reduction: Adaptive Catalytic Hydrosilylation of CO ₂ Using a Molecular Cobalt(II) Triazine Complex (<i>Angew. Chem.</i>) Tj ETQq0 0 0 rgB7 /Overlæk 10 Tf 50	1.1	5
9	Ruthenium 4d-to-2p X-ray Emission Spectroscopy: A Simultaneous Probe of the Metal and the Bound Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 8272-8283.	1.9	10
10	Coordination polymers of Ag(<i>i</i>) and Hg(<i>i</i>) ions with 2,2 ⁺ -azobispyridine: synthesis, characterization and enhancement of conductivity in the presence of Cu(<i>ii</i>) ions. <i>Dalton Transactions</i> , 2020, 49, 8438-8442.	1.6	2
11	Metal promoted conversion of aromatic amines to <i>ortho</i> / <i>li</i> -phenylenediimine derivatives by a radical coupling path. <i>Dalton Transactions</i> , 2020, 49, 5015-5019.	1.6	3
12	Hydroamination of Aromatic Alkynes to Imines Catalyzed by Pd(II) ⁺ Anthraphos Complexes. <i>ACS Omega</i> , 2020, 5, 8912-8918.	1.6	6
13	Controlling the Product Platform of Carbon Dioxide Reduction: Adaptive Catalytic Hydrosilylation of CO ₂ Using a Molecular Cobalt(II) Triazine Complex. <i>Angewandte Chemie</i> , 2020, 132, 15804-15811.	1.6	10
14	Controlling the Product Platform of Carbon Dioxide Reduction: Adaptive Catalytic Hydrosilylation of CO ₂ Using a Molecular Cobalt(II) Triazine Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15674-15681.	7.2	47
15	From Ylides to Doubly Ylide-Bridged Iron(II) High Spin Dimers via Self-Protolysis. <i>Inorganic Chemistry</i> , 2019, 58, 9358-9367.	1.9	18
16	Spectroscopic and Quantum Chemical Investigation of Benzene-1,2-dithiolate-Coordinated Diiron Complexes with Relevance to Dinitrogen Activation. <i>Inorganic Chemistry</i> , 2019, 58, 5111-5125.	1.9	9
17	Structural characteristics of redox-active pyridine-1,6-diimine complexes: Electronic structures and ligand oxidation levels. <i>Coordination Chemistry Reviews</i> , 2019, 380, 287-317.	9.5	77
18	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> , 2019, 58, 121-132.	1.9	8

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19	Electronic Structure and Spin Multiplicity of Iron Tetrphenylporphyrins in Their Reduced States as Determined by a Combination of Resonance Raman Spectroscopy and Quantum Chemistry. <i>Inorganic Chemistry</i> , 2018, 57, 2141-2148.	1.9	48
20	Manganese-catalyzed hydroboration of carbon dioxide and other challenging carbonyl groups. <i>Nature Communications</i> , 2018, 9, 4521.	5.8	104
21	Remarkable Changes of the Acidity of Bound Nitroxyl (HNO) in the [Ru(Me ₃ [9]aneN ₃)(L ²)(NO)] ⁺ Family (<i>i>n</i> Tj ETQg1 1 0.784314 rg 12</i>) <i>Inorganic Chemistry</i> , 2018, 57, 12270-12281.	1.9	12
22	Proton-Coupled Oxidation of a Diarylamine: Amido and Aminyl Radical Complexes of Ruthenium(II). <i>Inorganic Chemistry</i> , 2018, 57, 11948-11960.	1.9	13
23	Electronic Spectra of Iron-Sulfur Complexes Measured by 2p3d RIXS Spectroscopy. <i>Inorganic Chemistry</i> , 2018, 57, 7355-7361.	1.9	15
24	Probing the Valence Electronic Structure of Low-Spin Ferrous and Ferric Complexes Using 2p3d Resonant Inelastic X-ray Scattering (RIXS). <i>Inorganic Chemistry</i> , 2018, 57, 9515-9530.	1.9	22
25	Comparative electronic structures of nitrogenase FeMoco and FeVco. <i>Dalton Transactions</i> , 2017, 46, 2445-2455.	1.6	65
26	Magneto-Structural Correlations in Pseudotetrahedral Forms of the [Co(SPh) ₄] ²⁻ Complex Probed by Magnetometry, MCD Spectroscopy, Advanced EPR Techniques, and ab Initio Electronic Structure Calculations. <i>Inorganic Chemistry</i> , 2017, 56, 3102-3118.	1.9	74
27	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> , 2017, 135, 434-446.	2.6	48
28	Coordination of o-benzosemiquinonate, o-aminobenzosemiquinonate and aldimine anion radicals to oxidovanadium(IV). <i>New Journal of Chemistry</i> , 2017, 41, 4564-4572.	1.4	11
29	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> , 2017, 139, 9168-9177.	6.6	42
30	Electronic Structure of a Formal Iron(0) Porphyrin Complex Relevant to CO ₂ Reduction. <i>Inorganic Chemistry</i> , 2017, 56, 4745-4750.	1.9	85
31	A highly stable l-alanine-based mono(aquated) Mn(II) complex as a T1-weighted MRI contrast agent. <i>Dalton Transactions</i> , 2017, 46, 10426-10432.	1.6	19
32	Pushing the photodelivery of nitric oxide to the visible: are {FeNO} ⁷⁺ complexes good candidates?. <i>Dalton Transactions</i> , 2017, 46, 16058-16064.	1.6	6
33	Iron L _{2,3} -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> , 2017, 56, 8147-8158.	1.9	37
34	Measurement of the Ligand Field Spectra of Ferrous and Ferric Iron Chlorides Using 2p3d RIXS. <i>Inorganic Chemistry</i> , 2017, 56, 8203-8211.	1.9	15
35	A simple cleft shaped hydrazine-functionalized colorimetric new Schiff base chemoreceptor for selective detection of F ⁻ in organic solvent through PET signaling: Development of a chemoreceptor based sensor kit for detection of fluoride. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 706-715.	4.0	38
36	Mixed-Valence o-aminobenzoquinone and o-aminobenzosemiquinonate Anion Radical Complexes of Cobalt: Valence Tautomerism. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3680-3690.	1.0	18

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37	o-Iminobenzoquinone and o-Iminobenzosemiquinonate Anion Radical Complexes of Rhodium and Ruthenium. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3691-3697.	1.0	12
38	Radical non-radical states of the [Ru(PIQ)] core in complexes (PIQ = 9,10-phenanthreneiminoquinone). <i>Dalton Transactions</i> , 2016, 45, 8236-8247.	1.6	5
39	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> , 2016, 55, 4746-4756.	1.9	13
40	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> , 2016, 55, 5019-5036.	1.9	26
41	Molecular and electronic structures of copper-cuprizone and analogues. <i>Inorganica Chimica Acta</i> , 2016, 451, 23-30.	1.2	7
42	Structural, Spectroscopic, and Photochemical Investigation of an Octahedral NO-Releasing {RuNO} ⁷⁺ Species. <i>Inorganic Chemistry</i> , 2016, 55, 7808-7810.	1.9	18
43	Arylamino radical complexes of ruthenium and osmium: dual radical counter in a molecule. <i>Dalton Transactions</i> , 2016, 45, 19428-19440.	1.6	8
44	Coordination of o-benzosemiquinonate, o-iminobenzosemiquinonate, 4,4'-di-tert-butyl-2,2'-bipyridine and 1,10-phenanthroline anion radicals to oxidovanadium(IV) species. <i>New Journal of Chemistry</i> , 2016, 40, 10305-10315.	1.4	6
45	Oxidovanadium Complexes of 2,2'-Bipyridine, 1,10 Phenanthroline, and p-Nitro-o-aminophenol - Radical versus Nonradical States. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 330-338.	1.0	6
46	Tautomerism in o-hydroxyanilino-1,4-naphthoquinone derivatives: Structure, NMR, HPLC and density functional theoretic investigations. <i>Journal of Molecular Structure</i> , 2016, 1123, 245-260.	1.8	8
47	Molecular structures of 2-hydroxy-1,4-naphthoquinone derivatives and their zinc(II) complexes: Combining experiment and density functional theory. <i>Polyhedron</i> , 2016, 113, 61-72.	1.0	12
48	Determining the Electronic Structure of a Series of [(phen) ₃ M] ⁰ (M = Ti, V, Tj) ETQq0 0 0 rgBT /Overlock 10 T Ligands vs. Radical Anions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3246-3254.	1.0	16
49	Electronic Structures of Low-Valent Neutral Complexes [NiL ₂] ⁰ (L = S, I) Tj ETQq1 1 0.784314 Chemistry, 2015, 2015, 1511-1523.	1.0	38
50	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> , 2015, 54, 12002-12018.		51
51	Tris(2,2'-azobispyridine) Complexes of Copper(II): X-ray Structures, Reactivities, and the Radical Nonradical Bis(ligand) Analogues. <i>Inorganic Chemistry</i> , 2015, 54, 1300-1313.	1.9	21
52	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> , 2015, 1086, 179-189.	1.8	32
53	EPR and Quantum Chemical Investigation of a Bioinspired Hydrogenase Model with a Redox-Active Ligand in the First Coordination Sphere. <i>Organometallics</i> , 2015, 34, 995-1000.	1.1	13
54	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> , 2015, 54, 1384-1394.	1.9	13

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55	A trinuclear CuII complex with functionalized s-heptazine N-ligands: molecular chemistry from a g-C3N4 fragment. Dalton Transactions, 2015, 44, 15761-15763.	1.6	9
56	Characterization of Oxygen Bridged Manganese Model Complexes Using Multifrequency ¹⁷ O-Hyperfine EPR Spectroscopies and Density Functional Theory. Journal of Physical Chemistry B, 2015, 119, 13904-13921.	1.2	27
57	Design and Characterization of Phosphine Iron Hydrides: Toward Hydrogen-Producing Catalysts. Inorganic Chemistry, 2015, 54, 6928-6937.	1.9	23
58	Benzo[1±]phenoxazines and benzo[1±]phenothiazine from vitamin K3: synthesis, molecular structures, DFT studies and cytotoxic activity. RSC Advances, 2015, 5, 57917-57929.	1.7	23
59	Naphthoquinone based chemosensor 2-(2-aminomethylpyridine)-3-chloro-1,4-naphthoquinone for metal ions: Single crystal X-ray structure, experimental and TD-DFT study. Journal of Molecular Structure, 2015, 1093, 39-48.	1.8	9
60	Exploring the photo-stability of the {Ru(py)4}2+ fragment. Inorganica Chimica Acta, 2015, 429, 174-182.	1.2	9
61	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. Inorganica Chimica Acta, 2015, 430, 199-207.	1.2	7
62	Targeting a chemorefractory COLO205 (BRAF V600E) cell line using substituted benzo[1±]phenoxazines. RSC Advances, 2015, 5, 82549-82563.	1.7	7
63	Molybdenum L-Edge XAS Spectra of MoFe Nitrogenase. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 65-71.	0.6	36
64	The neutral complex [Cr ^{III}] ₄ (μ_3 -O) ₂ (μ_4 -CH ₃ CO) ₂ a tetranuclear Cr(III) species containing a neutral (bpy) ₀ and a $\dot{\text{C}}$ -radical anion (bpy) ₁ . Canadian Journal of Chemistry, 2014, 92, 913-917.	0.6	2
65	Synthesis and Characterization of Nickel Compounds with Tetradentate Thiolate Thioether Ligands as Precursors for [NiFe]-Hydrogenase Models. European Journal of Inorganic Chemistry, 2014, 2014, 148-155.	1.0	5
66	[ReF ₆] ²⁺ : A Robust Module for the Design of Molecule-Based Magnetic Materials. Angewandte Chemie - International Edition, 2014, 53, 1351-1354.	7.2	98
67	Synthesis, characterization and molecular structures of homologated analogs of 2-bromo-3-(n-alkylamino)-1,4-naphthoquinone. Journal of Molecular Structure, 2014, 1056-1057, 97-103.	1.8	28
68	Ruthenium, Rhodium, Osmium, and Iridium Complexes of Osazones (Osazones = Bis-Arylhydrazones of) Tj ETQq0 0,0 rgBT /Overlock 10	1.9	12
69	Synthesis and characterization of 2-(n-alkylamino)-1,4-naphthoquinone: Molecular structures of ethyl and hexyl derivatives. Journal of Molecular Structure, 2014, 1075, 345-351.	1.8	21
70	Ruthenium, osmium and rhodium complexes of 1,4-diaryl 1,4-diazabutadiene: radical versus non-radical states. Dalton Transactions, 2014, 43, 13731-13741.	1.6	11
71	L-edge X-ray absorption study of mononuclear vanadium complexes and spectral predictions using a restricted open shell configuration interaction ansatz. Physical Chemistry Chemical Physics, 2014, 16, 264-276.	1.3	79
72	Identification of a spin-coupled Mo(ⁱⁱⁱ) in the nitrogenase iron-molybdenum cofactor. Chemical Science, 2014, 5, 3096-3103.	3.7	164

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73	Metal ion promoted tautomerization and C=N bond cleavage: conversion of catechol to a p-benzoquinone derivative. <i>Chemical Communications</i> , 2014, 50, 13073-13076.	2.2	7
74	Folded Cr ₁₂ Co ₁₂ and Cr ₁₂ Ni ₁₂ wheels: a sharp increase in nuclearity of heterometallic chromium rings. <i>Chemical Communications</i> , 2014, 50, 3871.	2.2	13
75	Oxidovanadium(IV), oxidomolybdenum(VI) and cobalt(III) complexes of o-phenylenediamine derivatives: oxidative dehydrogenation and photoluminescence. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 331-341.	3.0	5
76	Nitrosyl-Centered Redox and Acid-Base Interconversions in [Ru(Me ₃ aneN ₃)(bpy)(NO)] ^{3,2,1+} . The p <i>K_a</i> of HNO for its Nitroxyl Derivative in Aqueous Solution. <i>Inorganic Chemistry</i> , 2014, 53, 981-997.	1.9	24
77	DNA/protein interaction and cytotoxic activity of imidazole terpyridine derived Cu(II)/Zn(II) metal complexes. <i>Dalton Transactions</i> , 2014, 43, 13018.	1.6	69
78	The Electron Transfer Series [MoIII(bpy) ₃] _n (n=3+, 2+, 1+, 0, 1 ⁺), and the Dinuclear Species [{MoIIICl(Mebpy) ₂] ₂ (^{1/2} -O)]Cl ₂ and [{MoIV(tpy) ₂] ₂ (^{1/2} -MoO ₄)](PF ₆) ₂ ·4MeCN. <i>Chemistry - A European Journal</i> , 2014, 20, n/a-n/a.	1.9	1
79	Reaction between lawsone and aminophenol derivatives: Synthesis, characterization, molecular structures and antiproliferative activity. <i>Journal of Molecular Structure</i> , 2014, 1075, 397-405.	1.8	34
80	Molecular and Electronic Structures of the Members of the Electron Transfer Series [Mn(bpy) ₃] ⁿ (n = 2+, 1+, 0, 1 ⁺) and [Mn(tpy) ₂] ^m (m = 4+, 3+, 2+, 1+, 0). An Experimental and Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2014, 53, 2276-2287.	1.9	45
81	Modeling the Active Site of [NiFe] Hydrogenases and the [NiFeu] Subsite of the C-Cluster of Carbon Monoxide Dehydrogenases: Low-Spin Iron(II) Versus High-Spin Iron(II). <i>Inorganic Chemistry</i> , 2014, 53, 6329-6337.	1.9	16
82	Fluoride-Bridged {Gd ^{III} } ₃ M ^{III} (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2394-2397.	7.2	86
83	Innentitelbild: [ReF ₆] ²⁺ : A Robust Module for the Design of Molecule-Based Magnetic Materials (<i>Angew. Chem.</i> 5/2014). <i>Angewandte Chemie</i> , 2014, 126, 1192-1192.	1.6	0
84	Zinc(II), iron(II/III) and ruthenium(II) complexes of o-phenylenediamine derivatives: oxidative dehydrogenation and photoluminescence. <i>Dalton Transactions</i> , 2013, 42, 15028.	1.6	8
85	A Comprehensive Study on Triplesalen-Based [Mn ^{III}] ₆ Fe ^{III} and [Mn ^{III}] ₆ Fe ^{II} Complexes: Redox-Induced Variation of Molecular Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4398-4409.	1.0	17
86	Formation and Base Hydrolysis of Oxidimethaneamine Bridges in CoIII-Amine Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 12080-12097.	1.9	0
87	Syntheses, Structures, Magnetic Properties, and Density Functional Theory Magneto-Structural Correlations of Bis(^{1/4} -phenoxo) and Bis(^{1/4} -phenoxo)- ^{1/4} -acetate/Bis(^{1/4} -phenoxo)-bis(^{1/4} -acetate) Dinuclear Fe ^{III} Ni ^{II} Compounds. <i>Inorganic Chemistry</i> , 2013, 52, 12881-12892.	1.9	45
88	High-resolution molybdenum K-edge X-ray absorption spectroscopy analyzed with time-dependent density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20911.	1.3	62
89	Molecular structures and antiproliferative activity of side-chain saturated and homologated analogs of 2-chloro-3-(n-alkylamino)-1,4-naphthoquinone. <i>Journal of Molecular Structure</i> , 2013, 1049, 355-361.	1.8	36
90	Novel paramagnetic-luminescent building blocks containing manganese(II) and anthracene-based curcuminoids. <i>Polyhedron</i> , 2013, 52, 398-405.	1.0	13

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91	Structural and Spectroscopic Investigation of an Anilinosalen Cobalt Complex with Relevance to Hydrogen Production. <i>Inorganic Chemistry</i> , 2013, 52, 14428-14438.	1.9	22
92	Electronic Structures of Homoleptic [Tris(2,2'-bipyridine)M] ⁿ⁺ 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> , 2013, 52, 2242-2256.	1.9	54
93	Asymmetric cleavage of 2,2'-pyridyl to a picolinic acid anion radical coordinated to ruthenium(ii): splitting of water to hydrogen. <i>Chemical Communications</i> , 2013, 49, 4522.	2.2	6
94	Oxidation and Reduction of Bis(imino)pyridine Iron Dinitrogen Complexes: Evidence for Formation of a Chelate Trianion.. <i>Inorganic Chemistry</i> , 2013, 52, 635-646.	1.9	77
95	New Complexes of Chromium(III) Containing Organic π -Radical Ligands: An Experimental and Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2013, 52, 4472-4487.	1.9	37
96	9,10-Phenanthrenesemiquinone radical complexes of ruthenium(iii), osmium(iii) and rhodium(iii) and redox series. <i>Dalton Transactions</i> , 2013, 42, 6538.	1.6	20
97	Metal complex analogues of crown ethers as the preorganized motif to stabilize aquated proton in solid state. <i>CrystEngComm</i> , 2013, 15, 4099.	1.3	15
98	Oxidovanadium Catechol Complexes: Radical versus Non-Radical States and Redox Series. <i>Inorganic Chemistry</i> , 2013, 52, 7417-7430.	1.9	25
99	Molecular and Electronic Structures of Six-Coordinate π -Low-Valent $[M(\text{Me}(\text{bpy})_3)_0] (M = Ti, V, Cr, Mo) and [M(\text{tpy})_2]_0 (M = Ti, V, Cr), and Seven-Coordinate [MoF(\text{Me}(\text{bpy})_3)_2](PF_6)_6 and [MX(\text{tpy})_2](PF_6)_6 (M = Mo, X = Cl and M = W, X = F). Inorganic Chemistry, 2013, 52, 12763-12776.$	1.9	52
100	A Functional [NiFe]-Hydrogenase Model Compound That Undergoes Biologically Relevant Reversible Thiolate Protonation. <i>Journal of the American Chemical Society</i> , 2012, 134, 20745-20755.	6.6	101
101	Experimental Fingerprints for Redox-Active Terpyridine in $[Cr(\text{tpy})_2](PF_6)_6$ ($n = 3^+O$), and the Remarkable Electronic Structure of $[Cr(\text{tpy})_2]^+$. <i>Inorganic Chemistry</i> , 2012, 51, 3718-3732.	1.9	125
102	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> , 2012, 43, 159-169.	1.0	6
103	Oxidative Cleavage of DNA by Ruthenium(II) Complexes Containing a Ferrocene/Non-Ferrocene Conjugated Imidazole Phenol Ligand. <i>Organometallics</i> , 2012, 31, 6980-6987.	1.1	20
104	Ferrocene conjugated imidazolephenols as multichannel ditopic chemosensor for biologically active cations and anions. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 150-158.	0.8	28
105	Fluoride Bridges as Structure-Directing Motifs in 3d-4f Cluster Chemistry. <i>Inorganic Chemistry</i> , 2012, 51, 5435-5443.	1.9	86
106	An Electron-Rich {RuNO} ₆ Complex: trans-[Ru(DMAP) ₄ (NO)(OH)] ²⁺ - Structure and Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4301-4309.	1.0	7
107	X-ray Magnetic Circular Dichroism (XMCD) Study of a Methoxide-Bridged Dy ^{III} -Cr ^{III} Cluster Obtained by Fluoride Abstraction from cis -[Cr ^{III} F ₂ (phen) ₂] ⁺ . <i>Journal of Physical Chemistry A</i> , 2012, 116, 7842-7847.	1.1	24
108	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> , 2012, 57, 449-458.	2.6	69

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109	Copper(II) complexes of terpyridine derivatives: A footstep towards development of antiproliferative agent for breast cancer. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 48-59.	1.5	71
110	Crystal Structure, Fluorescence, and Nanostructuration Studies of the First Zn ^{II} Anthracene-Based Curcuminoid. <i>Inorganic Chemistry</i> , 2012, 51, 864-873.	1.9	29
111	Electronic Structures of the Electron Transfer Series [M(bpy) ₃] ⁿ⁺ , [M(tpy) ₂] ⁿ⁺ , and [Fe(t ₃ bpy) ₃] ⁿ⁺ (M = Fe, Ru; n = 3+, 2+, 1+, 0, 1 ⁻): A Mössbauer Spectroscopic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4605-4621.	1.0	87
112	Scrutinizing Low-Spin Cr(II) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 6969-6982.	1.9	55
113	Ruthenium(II) [3 + 2 + 1] mixed ligand complexes: substituent effect on photolability, photooxidation of bases, photocytotoxicity and photonuclease activity. <i>Dalton Transactions</i> , 2012, 41, 8460.	1.6	17
114	A magnetostructural study of three novel iron(III) complexes of tripodal amine phenolate ligands. <i>Inorganica Chimica Acta</i> , 2012, 384, 69-75.	1.2	16
115	Single crystal X-ray structure of Lawsone anion: Evidence for coordination of alkali metal ions and formation of naphthoquinone radical in basic media. <i>Journal of Molecular Structure</i> , 2012, 1010, 38-45.	1.8	39
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