

Wolfgang Kaim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Non-innocent ligands in bioinorganic chemistry – An overview. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1580-1588.	18.8	480
2	Manifestations of Noninnocent Ligand Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 9752-9765.	4.0	443
3	Ligand-Directed Molecular Architectures: A Self-Assembly of Two-Dimensional Rectangular Metallacycles and Three-Dimensional Trigonal or Tetragonal Prisms. <i>Journal of the American Chemical Society</i> , 2003, 125, 8595-8613.	13.7	437
4	The transition metal coordination chemistry of anion radicals. <i>Coordination Chemistry Reviews</i> , 1987, 76, 187-235.	18.8	350
5	Spectroelectrochemistry: the best of two worlds. <i>Chemical Society Reviews</i> , 2009, 38, 3373.	38.1	341
6	Unconventional Mixed-Valent Complexes of Ruthenium and Osmium. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1778-1796.	13.8	332
7	Exploration of Mixed-Valence Chemistry: Inventing New Analogues of the Creutz-Taube Ion. <i>Accounts of Chemical Research</i> , 2000, 33, 755-763.	15.6	331
8	The coordination chemistry of TCNE, TCNQ and related polynitrile acceptors. <i>Coordination Chemistry Reviews</i> , 1994, 129, 157-193.	18.8	296
9	The coordination chemistry of 1,2,4,5-tetrazines. <i>Coordination Chemistry Reviews</i> , 2002, 230, 127-139.	18.8	263
10	ESR of homo- and heteroleptic mono- and dinuclear tris(α -diimine)ruthenium radical complexes. <i>Journal of the American Chemical Society</i> , 1990, 112, 173-178.	13.7	260
11	The Shrinking World of Innocent Ligands: Conventional and Non-Conventional Redox-Active Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 343-348.	2.0	255
12	Separating Innocence and Non-Innocence of Ligands and Metals in Complexes $[(L)Ru(acac)_2]_n$ ($n = 1, 0$). <i>Journal of Organometallic Chemistry</i> , 2003, 640, 203-208.	4.0	203
13	Energy level tailoring in ruthenium(II) polyazine complexes based on calculated and experimental ligand properties. <i>Inorganic Chemistry</i> , 1989, 28, 1520-1528.	4.0	171
14	The π in $18 + \pi$ Electron Complexes: Importance of the Metal/Ligand Interface for the Substitutional Reactivity of π -Complexes ($(\pm$ -diimine-) $Re(CO)_3(X)$. <i>Organometallics</i> , 1996, 15, 236-244.	2.3	167
15	Complexes with 2,2'-azobispyridine and related 'S-frame' bridging ligands containing the azo function. <i>Coordination Chemistry Reviews</i> , 2001, 219-221, 463-488.	18.8	157
16	When Is an Odd-Electron Dinuclear Complex a Mixed-Valent Species? Tuning of Ligand-to-Metal Spin Shifts in Diruthenium(III,II) Complexes of Noninnocent Bridging Ligands OC(R)NNC(R)O. <i>Inorganic Chemistry</i> , 1995, 34, 1924-1933.	4.0	155
17	Mixed valency in ruthenium complexes – Coordinative aspects. <i>Coordination Chemistry Reviews</i> , 2007, 251, 584-594.	18.8	155
18	What determines the comproportionation constant in molecule-bridged mixed-valence complexes? Evidence for the crucial role of the ligand LUMO in four ruthenium(II)ruthenium(III) dimers. <i>Inorganic Chemistry</i> , 1988, 27, 1146-1148.	4.0	153

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19	Concepts for metal complex chromophores absorbing in the near infrared. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2503-2513.	18.8	148
20	Stable binuclear o- and p-semiquinone complexes of [Ru(bpy) ₂] ²⁺ . Radical ion versus mixed-valence dimer formulation. <i>Journal of the American Chemical Society</i> , 1989, 111, 1733-1738.	13.7	135
21	Theoretical and experimental study of diamagnetic and paramagnetic products from thermal and light-induced alkyl transfer between zinc or magnesium dialkyls and 1,4-diaza-1,3-butadiene substrates. <i>Journal of the American Chemical Society</i> , 1991, 113, 5606-5618.	13.7	118
22	Coordination compounds of pteridine, alloxazine and flavin ligands: structures and properties. <i>Coordination Chemistry Reviews</i> , 1999, 182, 323-342.	18.8	116
23	An unusually weak intervalence transition in a very stable bis chelate analog of the ruthenium mixed-valent Creutz-Taube ion. UV/visible/near-IR and EPR spectroelectrochemistry of [(NH ₃) ₄ Ru(μ-bptz)Ru(NH ₃) ₄] ⁿ⁺ (bptz = 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine; n = 3 - 5). <i>Inorganic Chemistry</i> , 1993, 32, 2640-2643.	4.0	112
24	Mixed-Valent Metals Bridged by a Radical Ligand: Fact or Fiction Based on Structure-Oxidation State Correlations. <i>Journal of the American Chemical Society</i> , 2008, 130, 3532-3542.	13.7	111
25	Ruthenium Complexes with Vinyl, Styryl, and Vinylpyrenyl Ligands: A Case of Non-innocence in Organometallic Chemistry. <i>Journal of the American Chemical Society</i> , 2008, 130, 259-268.	13.7	111
26	Intramolecular Valence and Spin Interaction in <i>meso</i> and <i>rac</i> Diastereomers of a p-Quinonoid-Bridged Diruthenium Complex. <i>Journal of the American Chemical Society</i> , 2008, 130, 17575-17583.	13.7	109
27	Theoretical and Experimental Evidence for a New Kind of Spin-Coupled Singlet Species: Isomeric Mixed-Valent Complexes Bridged by a Radical Anion Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5655-5658.	13.8	106
28	Tetranuclear Pentaammineruthenium Complexes Bridged by π-Conjugated Tetracyano Ligands Related to TCNE: Syntheses and Spectroscopy of Different Oxidation States. <i>Inorganic Chemistry</i> , 1995, 34, 4326-4335.	4.0	102
29	Stability rules for d ⁵ /d ⁶ mixed-valent dimers. Effects from the donor/acceptor capability of the metal (ruthenium vs osmium) and from the occupancy of the mediating ligand orbital (LUMO vs HOMO). <i>Inorganic Chemistry</i> , 1990, 29, 4696-4699.	4.0	100
30	Axial Shielding of 5d ⁸ and 5d ⁷ Metal Centers in Dimesitylplatinum Complexes with Unsaturated Chelate Ligands: Spectroscopic and Spectroelectrochemical Studies of Four Different Oxidation States. <i>Organometallics</i> , 1995, 14, 1176-1186.	2.3	98
31	The First Crystal Structure of a Metal-Stabilized Tetrazine Anion Radical: Formation of a Dicopper Complex through Self-Assembly in a Comproportionation Reaction. <i>Inorganic Chemistry</i> , 1999, 38, 2242-2243.	4.0	91
32	Valence-State Alternatives in Diastereoisomeric Complexes [(acac) ₂ Ru(1/4-QL)Ru(acac) ₂] ⁿ (QL ²⁺) ₂ Tj ETQq0 0 0 10 /Overlock 10 Tf		
33	Electrochemistry and spectroelectrochemistry (EPR, UV-visible-near-IR) of platinum(II) 2,2'-bipyridine and ring-metalated bipyridine complexes: Ptl(L-) and Ptl(L-) but not Ptl(L). <i>Inorganic Chemistry</i> , 1992, 31, 5084-5088.	4.0	78
34	Mono- and binuclear tri- and tetracarbonyl complexes of chromium(0), molybdenum(0), and tungsten(0) with the 2,2'-bipyrimidine radical anion. <i>Inorganic Chemistry</i> , 1984, 23, 3365-3368.	4.0	74
35	Formation of Trichlorosilyl-Substituted Carbon-Centered Stable Radicals through the Use of Accepting Carbenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11804-11807.	13.8	71
36	Stabilizing the Elusive <i>ortho</i> -Quinone/Copper(I) Oxidation State Combination through π-π Interaction in an Isolated Complex. <i>Journal of the American Chemical Society</i> , 2008, 130, 15230-15231.	13.7	69

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37	Dicopper(I) Complexes with Reduced States of 3,6-Bis(2- π -pyrimidyl)-1,2,4,5-tetrazine: Crystal Structures and Spectroscopic Properties of the Free Ligand, a Radical Species, and a Complex of the 1,4-Dihydro Form. <i>Inorganic Chemistry</i> , 2001, 40, 2263-2269.	4.0	68
38	Electron delocalization in molecule-bridged polymetallic systems. Unique neutral complexes of TCNE or TCNQ and up to four organometallic fragments (C ₅ R ₅)(CO) ₂ Mn. <i>Inorganic Chemistry</i> , 1990, 29, 5046-5053.	4.0	66
39	Cp*Ir(dab) (dab = 1,4-Bis(2,6-dimethylphenyl)-1,4-diazabutadiene): A Coordinatively Unsaturated Six- π -Electron Metallaheteroaromatic Compound?. <i>Inorganic Chemistry</i> , 1996, 35, 3998-4002.	4.0	66
40	Application of a Structure/Oxidation State Correlation to Complexes of Bridging Azo Ligands. <i>Chemistry - A European Journal</i> , 2012, 18, 11007-11018.	3.3	63
41	Electronic structure alternatives in nitrosylruthenium complexes. <i>Dalton Transactions</i> , 2010, 39, 4471.	3.3	61
42	Metal-Induced Reductive Ring Opening of 1,2,4,5-Tetrazines: Three Resulting Coordination Alternatives, Including the New Non-Innocent 1,2-Diiminohydrazido(2 π) Bridging Ligand System. <i>Inorganic Chemistry</i> , 2006, 45, 1316-1325.	4.0	60
43	EPR and absorption spectra of singly reduced mono- and dinuclear diorganoplatinum complexes of heterocyclic α -diimines. <i>Inorganic Chemistry</i> , 1992, 31, 222-224.	4.0	57
44	Evidence for Bidirectional Noninnocent Behavior of a Formazanate Ligand in Ruthenium Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 8126-8135.	4.0	56
45	A Stable Neutral Radical in the Coordination Sphere of Aluminum. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 397-400.	13.8	56
46	Synthesis and Characterization of the Stable Dicarbonyl(cyclopentadienyl)iron Radical [(C ₅ R ₅)Fe(CO) ₂](R $\frac{1}{2}$ CHMe ₂). <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2872-2875.	4.4	55
47	Pulled Molecular Strings and Stacked Molecular Decks: Chelate Ring Formation vs. Metal-Metal Bridging in Dicopper(I) Complexes of 2,2'-Bipyrimidine with Diphosphine Ligands of Variable Polymethylene Chain Length. <i>Chemistry - A European Journal</i> , 1996, 2, 446-451.	3.3	54
48	Mixed Valence Aspects of Diruthenium Complexes [(L)ClRu] ₂ ($\frac{1}{4}$ -tppz) _n + Incorporating 2-(2-Pyridyl)azoles (L) as Ancillary Functions and 2,3,5,6-Tetrakis(2-pyridyl)pyrazine (Tppz) as Bis-Tridentate Bridging Ligand. <i>Inorganic Chemistry</i> , 2004, 43, 5128-5133.	4.0	54
49	Reversible Intramolecular Single-Electron Oxidative Addition Involving a Hemilabile Noninnocent Ligand. <i>Organometallics</i> , 2011, 30, 1414-1418.	2.3	54
50	An Odd- π -Electron Complex [Ru ⁺ (NO ⁻)(Q ⁻)(terpy)] ²⁺ with Two Prototypical Non-Innocent Ligands. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4242-4245.	13.8	53
51	A Tale of Two Complexes, [PtMe _n (R $\frac{1}{2}$ CH $\frac{1}{2}$ CH $\frac{1}{2}$ NR)] ($n = 2$ and $n = 4$, R =) <i>Chemistry - A European Journal</i> , 1995, 1, 95-99.	3.3	52
52	Different orbital occupation by an added single electron in 1,10-phenanthroline and its 3,4,7,8-tetramethyl derivative. Evidence from electron paramagnetic resonance spectroscopy of the anion radicals and of their dimesitylplatinum(II) complexes. X-Ray molecular structure of dimesityl(1,10-phenanthroline)platinum(II). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 2121-2126.	0.9	52
53	Establishing the NO oxidation state in complexes [Cl ₅ (NO)M] ⁿ⁺ , M = Ru or Ir, through experiments and DFT calculations. <i>Dalton Transactions</i> , 2004, , 1797-1800.	3.3	52
54	Correlated Coordination and Redox Activity of a Hemilabile Noninnocent Ligand in Nickel Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 5414-5422.	3.3	50

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55	The triruthenium complex $[(\text{acac})_2\text{Ru}(\text{L})]_3$ containing a conjugated diquinoxaline[2,3-a:2',3'-c]phenazine (L) bridge and acetylacetonate (acac) as ancillary ligands. Synthesis, spectroelectrochemical and EPR investigation. Dalton Transactions, 2004, , 754-758.	3.3	49
56	A New Coordination Mode of the Photometric Reagent Glyoxalbis(2-hydroxyanil) (H_2gbha): π -Bis-Bidentate Bridging by gbha^{2-} in the Redox Series $\{(\frac{1}{4}\text{-gbha})[\text{Ru}(\text{acac})_2]_2\}_n$ ($n = \hat{a}^{-2}, \hat{a}^{-1}, 0, +1, +2$), Including a Radical-Bridged Diruthenium(III) and a Ru(III)/Ru(IV) Intermediate. Inorganic Chemistry, 2005, 44, 8715-8722.	4.0	49
57	Electrochemistry, electron spin resonance, optical spectroscopy, and reactivity of organometallic platinum(II) complexes containing strongly π -accepting aromatic $1\pm$ -diimine ligands. Journal of Organometallic Chemistry, 1992, 436, 367-378.	1.8	48
58	On the Question of Mixed-Valent States in Ligand-Bridged Dinuclear Organoplatinum Compounds $[\text{RkPt}(\frac{1}{4}\text{-L})\text{PtRk}]_n$, $k = 2$ or 4 . Organometallics, 1998, 17, 3532-3538.	2.3	48
59	Molecule-Bridged Mixed-Valent Intermediates Involving the Ru(III) Oxidation State. Journal of the American Chemical Society, 2004, 126, 14706-14707.	13.7	48
60	Reactions of New Organoplatinum(II) and -(IV) Complexes of 1,4-Diaza-1,3-butadienes with Light and Electrons. Emission vs Photochemistry and the Electronic Structures of Ground, Reduced, Oxidized, and Low-Lying Charge-Transfer Excited States. Organometallics, 1998, 17, 237-247.	2.3	47
61	Iron versus ruthenium oxidation in 1,1'-bis(diphenylphosphino)ferrocene- π -ruthenium(II) complexes: EPR and spectroelectrochemical evidence. Inorganic Chemistry Communication, 2000, 3, 80-82.	3.9	47
62	Synthesis and mixed valence aspects of $[(\text{L})\text{ClRu}(\frac{1}{4}\text{-tppz})]_n$ incorporating 2,2'-dipyridylamine (L) as ancillary and 2,3,5,6-tetrakis(2-pyridyl)pyrazine (tppz) as bridging ligand. Dalton Transactions, 2003, , 3550-3555.	3.3	47
63	The Fe(III)/Fe(II) vs Fe(2.5) Formulation in Mixed-Valent Species $[(\text{NC})_4\text{Fe}(\text{BL})\text{Fe}(\text{CN})_4]_3$, $\text{BL} = 2,2'$ -Bipyrimidine and 3,6-Bis(2-pyridyl)-1,2,4,5-tetrazine. Distance and Size Do Not Always Matter. Inorganic Chemistry, 1999, 38, 3270-3274.	4.0	46
64	Towards New Organometallic Wires: Tetra-ruthenium Complexes Bridged by Phenylenevinylene and Vinylpyridine Ligands. Chemistry - A European Journal, 2007, 13, 10257-10272.	3.3	46
65	Ligand-Centered Oxidations and Electron Delocalization in a Tetranuclear Complex of a Tetrador-substituted Olefin. Organometallics, 2008, 27, 3321-3324.	2.3	46
66	Do $\text{Cp}(\text{CO})_2\text{Mn}$ Fragments Stabilize Radicals?. Angewandte Chemie International Edition in English, 1985, 24, 856-858.	4.4	44
67	Structure and Spectroelectrochemical Response of Arene- π -Ruthenium and Arene- π -Osmium Complexes with Potentially Hemilabile Noninnocent Ligands. Organometallics, 2014, 33, 4973-4985.	2.3	44
68	Reductive Approach to Mixed Valency ($\langle i \rangle = 1\hat{a}$) in the Pyrazine Ligand-Bridged $[(\text{acac})_2\text{Ru}(\frac{1}{4}\text{-L})_2]_n$ ($n = 1, 2$) Complexes. Dalton Transactions, 2010, , 1010-1014.	4.0	44
69	Noninnocence of Indigo: Dehydroindigo Anions as Bridging Electron-Donor Ligands in Diruthenium Complexes. Inorganic Chemistry, 2016, 55, 3105-3116.	4.0	43
70	Mixed valency of a 5d element: The osmium example. Coordination Chemistry Reviews, 2013, 257, 1650-1659.	18.8	42
71	Ancillary Ligand Control of Electronic Structure in o -Benzoquinonediiimine-Ruthenium Complex Redox Series: Structures, Electron Paramagnetic Resonance (EPR), and Ultraviolet-Visible-Near-Infrared (UV-vis-NIR) Spectroelectrochemistry. Inorganic Chemistry, 2015, 54, 3376-3386.	4.0	42
72	Bis(1,4-di-tert-butyl-1,4-diazabutadiene)gallium is not a gallium(II) compound. Journal of the Chemical Society Chemical Communications, 1991, , 597.	2.0	41

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73	Isomeric ruthenium terpyridine complexes [Ru(trpy)(L)Cl] ⁿ⁺ containing the unsymmetrically bidentate acceptor L = 3-amino-6-(3,5-dimethylpyrazol-1-yl)-1,2,4,5-tetrazine. Synthesis, structures, electrochemistry, spectroscopy and DFT calculations. Dalton Transactions, 2005, , 1188.	3.3	41
74	Redox reactivity of bis(1,4,7-triazacyclononane)iron(II/III) complexes in alkaline solution and characterization of a deprotonated species: amidoiron(III) vs aminyliron(II) ground-state formulation. EPR, kinetic, pulse radiolysis, and laser photolysis study. Inorganic Chemistry, 1988, 27, 440-447.	4.0	40
75	Stable Radicals from Commonly Used Precursors Trichlorosilane and Diphenylchlorophosphine. Journal of the American Chemical Society, 2015, 137, 4670-4673.	13.7	40
76	The coordination potential of indigo, anthraquinone and related redox-active dyes. Coordination Chemistry Reviews, 2019, 393, 1-8.	18.8	40
77	Reduced and Excited States of (bpym)[PtCl ₂] _n (bpym = 2,2'-Bipyrimidine; n = 1, 2): Experiments and DFT Calculations. Inorganic Chemistry, 2002, 41, 4139-4148.	4.0	39
78	Chelate rings of different sizes with non-innocent ligands. Dalton Transactions, 2019, 48, 8521-8529.	3.3	39
79	Deprotonated p-phenylenediamines as noninnocent ligands. Metal-to-ligand spin transfer in the ground state and ligand-to-metal charge transfer in the lowest excited state of low-spin manganese(II) complexes. Inorganic Chemistry, 1987, 26, 3596-3600.	4.0	38
80	Sensitivity of the Valence Structure in Diruthenium Complexes As a Function of Terminal and Bridging Ligands. Inorganic Chemistry, 2014, 53, 6082-6093.	4.0	38
81	Electronic and molecular structure of 2,2'-bipyrimidine-bridged bis(organoplatinum) complexes in various oxidation states. Radical-bridged diplatinum species and the absence of a Pt(III)/Pt(II) mixed-valent intermediate. Inorganica Chimica Acta, 1997, 264, 269-278.	2.4	37
82	Oxidation State Analysis of a Four-Component Redox Series [Os(pap) ₂ (Q)] ⁿ⁺ Involving Two Different Non-Innocent Ligands on a Redox-Active Transition Metal. Inorganic Chemistry, 2011, 50, 7090-7098.	4.0	37
83	Stabilisieren Cp(CO) ₂ Mn-Fragmente Radikale?. Angewandte Chemie, 1985, 97, 869-870.	2.0	36
84	Spectroscopy of mixed valent states in dinuclear ions and metalloproteins. Journal of Molecular Structure, 1993, 292, 221-228.	3.6	36
85	The New Tetrafunctional π -Acceptor Ligand 3,6-Bis(2-pyrimidyl)-1,2,4,5-tetrazine (bmtz): Diruthenium Complexes of bmtz and of its 1,4-Dihydro Form. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1995, 50, 123-127.	0.7	36
86	The 1,4-diazabutadiene/1,2-enediamido non-innocent ligand system in the formation of iridaheteroaromatic compounds: Spectroelectrochemistry and electronic structure. Journal of Organometallic Chemistry, 2010, 695, 1052-1058.	1.8	35
87	Experimental and DFT Evidence for the Fractional Non-Innocence of a β^2 -Diketonate Ligand. Chemistry - A European Journal, 2012, 18, 14434-14443.	3.3	35
88	Ruthenium(II) coordination to a model for the topasemiquinone cofactor of amine oxidases. Resolution of ¹ H and ^{99,101} Ru EPR hyperfine structure. Journal of the Chemical Society Perkin Transactions II, 1993, , 2109-2111.	0.9	34
89	Charged, but Found "Not Guilty": Innocence of the Suspect Bridging Ligands [RO(O)CNC(O)OR] ²⁺ = L ²⁺ in [(acac) ₂ Ru(¹⁷⁴ -L)Ru(acac) ₂] ⁿ⁺ , <i>n</i> = +, 0, $\hat{=}$, $\hat{=}$. Inorganic Chemistry, 2012, 51, 9273-9281.	4.0	34
90	Varying electronic structural forms of ruthenium complexes of non-innocent 9,10-phenanthrenequinonoid ligands. Dalton Transactions, 2014, 43, 2473-2487.	3.3	34

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91	Synthesis and characterization of Lewis base stabilized mono- and di-organo aluminum radicals. <i>Chemical Communications</i> , 2017, 53, 10516-10519.	4.1	34
92	Multiple Isomerism (cis/trans;syn/anti) in [(dmsO)2Pt(aryl)2] Complexes: A Combined Structural, Spectroscopic, and Theoretical Investigation. <i>Organometallics</i> , 2005, 24, 4125-4131.	2.3	32
93	Sensitivity of a Strained C=C Single Bond to Charge Transfer: Redox Activity in Mononuclear and Dinuclear Ruthenium Complexes of Bis(arylimino)acenaphthene (BIAN) Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 7389-7403.	4.0	32
94	Detection of electron paramagnetic resonance signals from three different isotope combinations ⁶³ Cu/ ⁶³ Cu, ⁶³ Cu/ ⁶⁵ Cu and ⁶⁵ Cu/ ⁶⁵ Cu in stable dicopper(I) radical complexes. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 3185.	1.7	31
95	Widely Separated Reduction Processes of abpy-Coupled Areneosmium(II) Reaction Centers (abpy =) Tj ETQq1 1 0.784314 rgBT /Overlo <i>Organometallics</i> , 2005, 24, 1966-1973.	2.3	31
96	Probing Mixed Valence in a New tppz-Bridged Diruthenium(III,II) Complex {(1/4-tppz)[Ru(bik)Cl]2}3+ (tppz =) Tj ETQq0 0 0 rgBT /Overlo Absorption, and 1/2CO Line Broadening. <i>Inorganic Chemistry</i> , 2007, 46, 3736-3742.	4.0	31
97	Heterohexanuclear (Cu₃Fe₃) Complexes of Substituted Hexaazatrinaphthylene (HATN) Ligands: Twofold BF₄⁻ Association in the Solid and Stepwise Oxidation (3e) or Reduction (2e) to Spectroelectrochemically Characterized Species. <i>Chemistry - A European Journal</i> , 2009, 15, 6932-6939.	3.3	31
98	A Diruthenium Complex of a Nindigo-Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 8467-8475.	4.0	30
99	Uncommon cis Configuration of a Metal-Metal Bridging Noninnocent Nindigo Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 9348-9356.	4.0	30
100	First crystal structure determination and high-frequency EPR study of an organoarsanecopper radical complex. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1196-1200.	3.9	29
101	2,2'-Dipyridylketone (dpk) as Ancillary Acceptor and Reporter Ligand in Complexes [(dpk)(Cl)Ru(1/4-tppz)Ru(Cl)(dpk)]n+ where tppz = 2,3,5,6-Tetrakis(2-pyridyl)pyrazine. <i>Inorganic Chemistry</i> , 2006, 45, 7955-7961.	4.0	29
102	Correspondence of Ru^{III} and Ru^{II} and Ru^{IV}Ru^{III} Mixed Valent States in a Small Dinuclear Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 5667-5675.	3.3	29
103	9-Oxidophenalenone: A Noninnocent 1,2-Diketonate Ligand?. <i>Inorganic Chemistry</i> , 2012, 51, 4390-4397.	4.0	28
104	Design and evaluation of conjugated bridging pi systems. Molecular orbital characterization and electrochemical determination of the pentacarbonyl tungsten binding site in two new ambidentate ligands. <i>Inorganic Chemistry</i> , 1990, 29, 1898-1902.	4.0	27
105	Redox-Rich Spin-Coupled Semiquinoneruthenium Dimers with Intense Near-IR Absorption. <i>Inorganic Chemistry</i> , 2011, 50, 4753-4763.	4.0	27
106	Isolation of Transient Acyclic Germanium(I) Radicals Stabilized by Cyclic Alkyl(amino) Carbenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 1908-1912.	13.7	27
107	Zweikernige Bisphosphankupfer(I)-Komplexe mit dem 2,2'-Bipyrimidin-Brückenliganden: Strukturelle Analogie zu Blauen Kupferzentren und Reduktion zu paramagnetischen Spezies / Dinuclear Bis(phosphane)copper(I) Complexes with 2,2'-Bipyrimidine as Bridging Ligand: Structural Analogy to Blue-Copper Centers and Reduction to Paramagnetic Species. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 1470-1480.	0.7	26
108	Spectroelectrochemistry of the Multistep Redox System {(1/4-bpym)[Ru(NH3)4]2}n+, n= 2-6, in a Nonaqueous Medium. <i>Inorganic Chemistry</i> , 1998, 37, 658-660.	4.0	26

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#	ARTICLE	IF	CITATIONS
127	NO and NO ₂ as non-innocent ligands: A comparison. <i>Coordination Chemistry Reviews</i> , 2020, 404, 213114.	18.8	23
128	A radical-bridged bis(ferrocenylcopper(I)) complex: Structural identity, multifrequency EPR, and spectroelectrochemistry. <i>Inorganica Chimica Acta</i> , 2008, 361, 1699-1704.	2.4	22
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