

# Jan Reedijk

## List of Publications by Year in descending order

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1,021  
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51,406  
citations

3933

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1065  
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1065  
docs citations

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times ranked

26105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structure, and spectroscopic properties of copper(II) compounds containing nitrogenâ€”sulphur donor ligands; the crystal and molecular structure of aqua[1,7-bis(N-methylbenzimidazol-2-yl)-2,6-dithiaheptane]copper(II) perchlorate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 1349-1356.	1.1	8,412
2	Terminology of metalâ€”organic frameworks and coordination polymers (IUPAC Recommendations) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.9	984
3	Adducts of the antitumor drug cis-diamminedichloroplatinum(II) with DNA: formation, identification, and quantitation. <i>Biochemistry</i> , 1985, 24, 707-713.	2.5	972
4	Why Does Cisplatin Reach Guanine-N7 with Competing S-Donor Ligands Available in the Cell?. <i>Chemical Reviews</i> , 1999, 99, 2499-2510.	47.7	755
5	Putting Anionâ€”Interactions Into Perspective. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9564-9583.	13.8	591
6	New clues for platinum antitumor chemistry: Kinetically controlled metal binding to DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3611-3616.	7.1	584
7	Improved understanding in platinum antitumour chemistry. <i>Chemical Communications</i> , 1996, , 801.	4.1	545
8	Anion Binding Involving Î€-Acidic Heteroaromatic Rings. <i>Accounts of Chemical Research</i> , 2007, 40, 435-444.	15.6	522
9	Lone pairâ€”interactions: a new supramolecular bond?. <i>CrystEngComm</i> , 2008, 10, 1501.	2.6	492
10	Synthetic models of the active site of catechol oxidase: mechanistic studies. <i>Chemical Society Reviews</i> , 2006, 35, 814.	38.1	465
11	Coordination polymers, metalâ€”organic frameworks and the need for terminology guidelines. <i>CrystEngComm</i> , 2012, 14, 3001.	2.6	464
12	Copper(ii)-catalysed aerobic oxidation of primary alcohols to aldehydes. <i>Chemical Communications</i> , 2003, , 2414.	4.1	458
13	Room Temperature Aerobic Copperâ€”Catalysed Selective Oxidation of Primary Alcohols to Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 805-811.	4.3	331
14	Platinum Anticancer Coordination Compounds: Study of DNA Binding Inspires New Drug Design. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1303-1312.	2.0	316
15	Coordination chemistry of chelating resins and ion exchangers. <i>Coordination Chemistry Reviews</i> , 1984, 59, 1-139.	18.8	299
16	Targeting platinum anti-tumour drugs: Overview of strategies employed to reduce systemic toxicity. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2845-2853.	18.8	284
17	An Aromatic Anion Receptor: Anion-? Interactions do Exist. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5815-5817.	13.8	279
18	Metal-Ligand Exchange Kinetics in Platinum and Ruthenium Complexes. <i>Platinum Metals Review</i> , 2008, 52, 2-11.	1.2	275

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19	Homogeneous bio-inspired copper-catalyzed oxidation reactions. <i>Chemical Society Reviews</i> , 2001, 30, 376-385.	38.1	266
20	Model systems for type I copper proteins: structures of copper coordination compounds with thioether andazole-containing ligands. <i>Coordination Chemistry Reviews</i> , 1990, 104, 143-172.	18.8	257
21	Chemistry and magnetism of cyanido-bridged d <sup>8</sup> f assemblies. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2501-2510.	18.8	250
22	The relevance of hydrogen bonding in the mechanism of action of platinum antitumor compounds. <i>Inorganica Chimica Acta</i> , 1992, 198-200, 873-881.	2.4	232
23	Correlation between Cytotoxicity and DNA Binding of Polypyridyl Ruthenium Complexes. <i>Biochemistry</i> , 1995, 34, 12369-12378.	2.5	230
24	Structure and Isomerization of an Intrastrand Cisplatin-Cross-Linked Octamer DNA Duplex by NMR Analysis. <i>Biochemistry</i> , 1995, 34, 12912-12920.	2.5	218
25	The Square-Planar Cytotoxic [CuII(pyrimol)Cl] Complex Acts as an Efficient DNA Cleaver without Reductant. <i>Journal of the American Chemical Society</i> , 2006, 128, 710-711.	13.7	216
26	What's New in the Realm of Anion-π Binding Interactions? Putting the Anion-π Interaction in Perspective. <i>Crystal Growth and Design</i> , 2008, 8, 1082-1093.	3.0	202
27	High-spin to low-spin transition in [Fe(NCS)2(4,4'-bis-1,2,4-triazole)2](H2O). X-ray crystal structure and magnetic, Mössbauer and EPR properties. <i>Polyhedron</i> , 1990, 9, 2971-2979.	2.2	194
28	Poly beta-diketones: Prime ligands to generate supramolecular metallocusters. <i>Coordination Chemistry Reviews</i> , 2008, 252, 964-989.	18.8	194
29	Strong Differences in the in Vitro Cytotoxicity of Three Isomeric Dichlorobis(2-phenylazopyridine)ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2000, 39, 2966-2967.	4.0	184
30	Interactions of anticancer Pt compounds with proteins: an overlooked topic in medicinal inorganic chemistry?. <i>Chemical Science</i> , 2012, 3, 3135.	7.4	174
31	Trinuclear N,N-Bridged Copper(II) Complexes Involving a Cu3OH Core: [Cu3(1/3-OH)L3A(H2O)2]A·(H2O)x [L = 3-Acetylamino-1,2,4-triazolate; A = CF3SO3, NO3, ClO4; x = 0, 2] Synthesis, X-ray Structures, Spectroscopy, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2000, 39, 1859-1867.	4.0	168
32	Novel Hybrid Spin Systems of 7,7'-,8,8'-Tetracyanoquinodimethane (TCNQ) Radical Anions and 4-Amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole (abpt). Crystal Structure of [Fe(abpt)2(TCNQ)2] at 298 and 100 K, Mössbauer Spectroscopy, Magnetic Properties, and Infrared Spectroscopy of the Series [MII(abpt)2(TCNQ)2] (M = Mn, Fe, Co, Ni, Cu, Zn). <i>Journal of the American Chemical Society</i> , 1996, 118, 2190-2197.	13.7	163
33	The Mechanism of Zinc(II)-Dithiocarbamate-Accelerated Vulcanization Uncovered; Theoretical and Experimental Evidence. <i>Journal of the American Chemical Society</i> , 1999, 121, 163-168.	13.7	163
34	The hydrolysis of the anti-cancer ruthenium complex NAMI-A affects its DNA binding and antimetastatic activity: an NMR evaluation. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 402-412.	3.5	163
35	Chemical Modification of a Bridging Ligand Inside a Metal-Organic Framework while Maintaining the 3D Structure. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1551-1554.	2.0	163
36	New Antitumor-Active Azole-Bridged Dinuclear Platinum(II) Complexes: Synthesis, Characterization, Crystal Structures, and Cytotoxic Studies. <i>Inorganic Chemistry</i> , 2000, 39, 4230-4236.	4.0	162

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37	A Novel Isomerization on Interaction of Antitumor-Active Azole-Bridged Dinuclear Platinum(II) Complexes with 9-Ethylguanine. Platinum(II) Atom Migration from N2 to N3 on 1,2,3-Triazole. <i>Journal of the American Chemical Society</i> , 2002, 124, 4738-4746.	13.7	161
38	A two-step spin crossover mononuclear iron(II) complex with a [HS $\leftrightarrow$ LS] intermediate phase. <i>Chemical Communications</i> , 2008, , 5619.	4.1	156
39	Copper complexes of the "tripod" ligand tris(2-benzimidazolymethyl)amine: five- and six-coordinate copper(II) derivatives and some copper(I) derivatives. <i>Inorganic Chemistry</i> , 1981, 20, 103-110.	4.0	154
40	Detection and quantification of adducts formed upon interaction of diamminedichloroplatinum (II) with DNA, by anion-exchange chromatography after enzymatic degradation. <i>Nucleic Acids Research</i> , 1982, 10, 5345-5356.	14.5	153
41	New polydentate and polynucleating N-donor ligands from amines and 2,4,6-trichloro-1,3,5-triazine. <i>Tetrahedron Letters</i> , 2002, 43, 6783-6786.	1.4	153
42	Synthesis and properties of isostructural transition-metal (copper, nickel, cobalt, and iron) compounds with 7,7',8,8'-tetracyanoquinodimethanide(1-) in an unusual monodentate coordination mode: crystal structure of bis(3,5-bis(pyridin-2-yl)-4-amino-1,2,4-triazole)bis(7,7',8,8'-tetracyanoquinodimethanido)copper(II). <i>Inorganic Chemistry</i> , 1992, 31, 198-202.	4.0	149
43	Structural and functional models related to the nickel hydrogenases. <i>Coordination Chemistry Reviews</i> , 2005, 249, 1555-1581.	18.8	146
44	Synthesis, Characterization, Spectroscopy, and Magnetism of Dinuclear Azido- and Alkoxy-Bridged Copper(II) Complexes of Bis(2-benzimidazolyl)alkanes. X-ray Structures of [Cu <sub>2</sub> (tbz) <sub>2</sub> (CH <sub>3</sub> O) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> (CH <sub>3</sub> OH) <sub>2</sub> , [Cu <sub>2</sub> (tbz) <sub>2</sub> (NO <sub>3</sub> )(CH <sub>3</sub> O) <sub>2</sub> ](NO <sub>3</sub> )(CH <sub>3</sub> OH) <sub>2</sub> , and [Cu(tbz)(N <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> (CH <sub>3</sub> OH) <sub>2</sub> (tbz = Bis(2-benzimidazolyl)propane). <i>Inorganic Chemistry</i> , 1995, 34, 4910-4917.	4.0	145
45	Sequence-dependent distortions induced in DNA by monofunctional platinum(II) binding. <i>Biochemistry</i> , 1992, 31, 12397-12402.	2.5	143
46	Unidentate versus symmetrically and unsymmetrically bidentate nitrate co-ordination in pyrazole-containing chelates. The crystal and molecular structures of (nitrate-O)[tris(3,5-dimethylpyrazol-1-ylmethyl)amine]copper(II) nitrate, (nitrate-O, $\text{O}^{\ominus 2}$ )[tris(3,5-dimethylpyrazol-1-ylmethyl)amine]nickel(II) nitrate, and (nitrate-O)(nitrate-O, $\text{O}^{\ominus 2}$ )[tris(3,5-dimethylpyrazol-1-ylmethyl)amine]cadmium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 2177-2184.	1.1	140
47	Intrastrand bis(guanine) chelation of trinucleoside diphosphate d(CpGpC) to cis-platinum: an x-ray single-crystal structure analysis. <i>Journal of the American Chemical Society</i> , 1987, 109, 592-594.	13.7	138
48	1,3,5-Triazine-Based Synthons in Supramolecular Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 29-42.	2.0	136
49	High Superoxide Dismutase Activity of a Novel, Intramolecularly Imidazolato-Bridged Asymmetric Dicopper(II) Species. Design, Synthesis, Structure, and Magnetism of Copper(II) Complexes with a Mixed Pyrazole~Imidazole Donor Set. <i>Inorganic Chemistry</i> , 1997, 36, 1168-1175.	4.0	135
50	An Unusual Open Cubane Structure in a 1,1-Azido- and Alkoxy-Bridged Tetranuclear Copper(II) Complex, [Cu <sub>4</sub> L <sub>2</sub> (1,1-N <sub>3</sub> ) <sub>2</sub> ] $\cdot$ 5H <sub>2</sub> O (H <sub>3</sub> L = N,N $\text{--}$ (2-Hydroxylpropane-1,3-diyl)bis-salicylideneimine). <i>Inorganic Chemistry</i> , 2004, 43, 6842-6847.	4.0	131
51	3-D Lanthanide Metal-Organic Frameworks: Structure, Photoluminescence, and Magnetism. <i>Inorganic Chemistry</i> , 2009, 48, 1062-1068.	4.0	130
52	Conformational analysis of the adduct cis[Pt(NH <sub>3</sub> ) <sub>2</sub> {d(GpG)}] <sub>2</sub> in aqueous solution. A high field (500~300 MHz) nuclear magnetic resonance investigation. <i>Nucleic Acids Research</i> , 1982, 10, 4715-4730.	14.5	129
53	Glutathione induces cellular resistance against cationic dinuclear platinum anticancer drugs. <i>Journal of Inorganic Biochemistry</i> , 2002, 89, 197-202.	3.5	128
54	Synthesis and characterization of coordination compounds of chelating ligands containing imidazole groups. The crystal and molecular structures of the dinuclear copper(I) and copper(II) compounds. <i>Journal of the American Chemical Society</i> , 1982, 104, 3607-3617.	13.7	126

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55	Reactivity of chloro- and aqua(diethylenetriamine)platinum(II) ions with glutathione, S-methylglutathione, and guanosine 5'-monophosphate in relation to the antitumor activity and toxicity of platinum complexes. <i>Inorganic Chemistry</i> , 1991, 30, 2648-2652.	4.0	124
56	Synthesis, characterization, in vitro antitumor activity, DNA-binding properties and electronic structure (DFT) of the new complex cis-(Cl,Cl)[RuCl <sub>2</sub> (NO <sup>+</sup> )(terpy)]Cl. <i>Dalton Transactions</i> , 2005, , 1176.	3.3	120
57	Platinum amine coordination compounds as anti-tumor drugs. Molecular aspects of the mechanism of action. <i>Structure and Bonding</i> , 1987, , 53-89.	1.0	120
58	Crystal and Molecular Structures of Asymmetric cis- and trans-Platinum(II/IV) Compounds and Their Reactions with DNA Fragments. <i>Inorganic Chemistry</i> , 1997, 36, 854-861.	4.0	119
59	Synthesis and spectroscopic and electrochemical properties of mononuclear and dinuclear bis(2,2'-bipyridyl)ruthenium complexes containing 3,5-bis(pyridin-2-yl)-1,2,4-triazole. <i>Inorganic Chemistry</i> , 1988, 27, 2185-2189.	4.0	118
60	Structure, Cytotoxicity, and DNA-Cleavage Properties of the Complex [Cu <sup>II</sup> (pbt)Br <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 2008, 47, 3719-3727.	4.0	118
61	Synthesis, x-ray structure, and spectroscopic and electrochemical properties of novel heteronuclear ruthenium-osmium complexes with an asymmetric triazolate bridge. <i>Journal of the American Chemical Society</i> , 1990, 112, 9245-9251.	13.7	117
62	The first structural evidence of a polymeric Cu(II) compound with a bridging dicyanamide anion: X-ray structure, spectroscopy and magnetism of catena-[polybis(2-aminopyrimidine)copper(II)bis(1/4-dicyanamido)]. <i>Inorganica Chimica Acta</i> , 2000, 298, 221-225.	2.4	114
63	Unique high-spin-low-spin transition of the central ion in a linear, trinuclear iron(II) triazole compound. <i>Journal of the American Chemical Society</i> , 1983, 105, 1682-1683.	13.7	113
64	Synthesis, spectroscopic characterization, and magnetic properties of unusual 3,5-dialkyl-1,2,4-triazole compounds containing N-bridging isothiocyanato ligands. X-ray structure of trinuclear bis[(μ-thiocyanato-N)bis(μ-3,5-diethyl-1,2,4-triazole-N1,N2)bis(thiocyanato-N)(3,5-diethyl-1,2,4-triazole-N1)nickel(II)-N,N1,N1']nickel dihydrate. <i>Inorganic Chemistry</i> , 1984, 23, 1404-1408.	4.0	112
65	Phenanthroline Derivatives with Improved Selectivity as DNA-Targeting Anticancer or Antimicrobial Drugs. <i>ChemMedChem</i> , 2008, 3, 1427-1434.	3.2	111
66	Redox Properties and Electrocatalytic Activity of the Oxo/Aqua System [Ru(terpy)(bpz)(O)] <sup>2+</sup> /[Ru(terpy)(bpz)(H <sub>2</sub> O)] <sup>2+</sup> . X-ray Crystal Structure of [Ru(terpy)(bpz)Cl]PF <sub>6</sub> ·MeCN (terpy = 2,2',2''-Terpyridine; bpz = 2,2'-Bipyrazine). <i>Inorganic Chemistry</i> , 1995, 34, 1836-1843.	4.0	110
67	Magnetic properties of dimeric disubstituted-triazole copper(II) compounds. X-ray structure of bis[μ-3,5-bis(pyridin-2-yl)-1,2,4-triazolato-N',N1,N2,N'']bis[aqua(trifluoromethanesulfonato-O)copper(II)]. <i>Inorganic Chemistry</i> , 1985, 24, 4128-4133.	4.0	109
68	Coordination Versatility of Pyrazole-Based Ligands towards High-Nuclearity Transition-Metal and Rare-Earth Clusters. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3403-3418.	2.0	109
69	Ab Initio Calculations on 2,6-Dimethylphenol and 4-(2,6-Dimethylphenoxy)-2,6-dimethylphenol. Evidence of an Important Role for the Phenoxonium Cation in the Copper-Catalyzed Oxidative Phenol Coupling Reaction. <i>Journal of the American Chemical Society</i> , 1997, 119, 12590-12594.	13.7	108
70	Cisplatin: Synthesis, antitumor activity and mechanism of action. <i>Pharmaceutisch Weekblad Scientific Edition</i> , 1985, 7, 173-180.	0.9	107
71	Synthesis, magnetic properties, and X-ray structure of catena-μ <sub>3</sub> -nitrate-O,O',O''-[μ <sub>3</sub> -hydroxo-1-nitrate-1,2;1,3;2,3-tris(μ-pyrazolato-N,N',N'')-2,3-bis(pyrazole-N2)]tricopper(II) monohydrate]. An unusual chain of trinuclear copper clusters. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 539-545.	1.1	106
72	New insights in the cellular processing of platinum antitumor compounds, using fluorophore-labeled platinum complexes and digital fluorescence microscopy. <i>Journal of Biological Inorganic Chemistry</i> , 2000, 5, 655-665.	2.6	106

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73	Crystal structure at 300 and 105 K, magnetic properties and Moessbauer spectra of bis(triaquateris(4-ethyltriazole-N1)iron(II)-N2,N2',N2'')iron(II) hexakis(trifluoromethanesulfonate). A linear, trinuclear iron(II) compound, showing a unique high-spin-low-spin transition of the central iron atom. <i>Inorganic Chemistry</i> , 1984, 23, 2905-2910.	4.0	105
74	Catecholase Activity of a Copper(II) Complex with a Macrocyclic Ligand: Unraveling Catalytic Mechanisms. <i>Chemistry - A European Journal</i> , 2006, 12, 6138-6150.	3.3	105
75	Spin-transition behaviour in chains of FeII bridged by 4-substituted 1,2,4-triazoles carrying alkyl tails. <i>New Journal of Chemistry</i> , 2001, 25, 144-150.	2.8	103
76	Electrochemical and photophysical properties of new triazole-bridged heterobimetallic ruthenium-rhodium and ruthenium-iridium complexes. <i>Inorganic Chemistry</i> , 1992, 31, 3518-3522.	4.0	102
77	Influence of Sample Preparation, Temperature, Light, and Pressure on the Two-Step Spin Crossover Mononuclear Compound [Fe(bapbpy)(NCS) <sub>2</sub> ]. <i>Chemistry of Materials</i> , 2009, 21, 1123-1136.	6.7	101
78	Interactions of Platinum Amine Compounds with Sulfur-Containing Biomolecules and Dna Fragments. <i>Advances in Inorganic Chemistry</i> , 1991, 37, 175-217.	1.0	100
79	Synthesis, Structure, Magnetic Behavior, and Mössbauer Spectroscopy of Two New Iron(II) Spin-Transition Compounds with the Ligand 4-Isopropyl-1,2,4-triazole. X-ray Structure of [Fe3(4-isopropyl-1,2,4-triazole)6(H2O)6](tosylate)6·2H2O. <i>Inorganic Chemistry</i> , 1997, 36, 2433-2440.	4.0	99
80	Orbital symmetries and magnetic interaction between copper(II) ions and the o-semiquinone radical. Magnetic studies of (di-2-pyridylamine)(3,5-di-tert-butyl-o-semiquinonato)copper(II) perchlorate and bis(bis(3,5-di-tert-butyl-o-semiquinonato)copper(II)). <i>Inorganic Chemistry</i> , 1987, 26, 3557-3561.	4.0	97
81	Dinuclear Paddle-Wheel Copper(II) Carboxylates in the Catalytic Oxidation of Carboxylic Acids. Unusual Polymeric Chains Found in the Single-Crystal X-ray Structures of [Tetrakis(1/4-1-phenylcyclopropane-1-carboxylato-O,O')bis(ethanol-O)copper(II)] and catena-Poly[[bis(1/4-diphenylacetato-O,O')dicopper](1/3-diphenylacetato-1-O:2-O')(1/3-diphenylacetato-1-O:2-O)O]. <i>Inorganic Chemistry</i> , 1997, 36, 1321-1328.	4.0	97
82	Ligand design in coordination chemistry: approaches to new catalysts, new materials, and a more sustainable environment. <i>Dalton Transactions</i> , 2003, , 1869.	3.3	96
83	Altered localisation of the copper efflux transporters ATP7A and ATP7B associated with cisplatin resistance in human ovarian carcinoma cells. <i>BMC Cancer</i> , 2008, 8, 175.	2.6	96
84	Reaction products of cis-diammineplatinum(II) compounds with 5'-guanosine monophosphate characterized by high-frequency proton NMR. <i>Journal of the American Chemical Society</i> , 1984, 106, 3644-3647.	13.7	94
85	Zinc-catalyzed aminolysis of epoxides. <i>Tetrahedron Letters</i> , 2003, 44, 6025-6027.	1.4	92
86	Crystallographic Evidence of Nitrate <sup>2-</sup> Interactions Involving the Electron-Deficient 1,3,5-Triazine Ring. <i>Inorganic Chemistry</i> , 2006, 45, 6637-6645.	4.0	92
87	Magnetothermal Studies of a Series of Coordination Clusters Built from Ferromagnetically Coupled {Mn <sup>II</sup> 4Mn <sup>III</sup> 6} Supertetrahedral Units. <i>Chemistry - A European Journal</i> , 2010, 16, 12865-12872.	3.3	92
88	Reversibility of binding of cisplatin-methionine in proteins by diethyldithiocarbamate or thiourea: a study with model adducts. <i>Inorganic Chemistry</i> , 1990, 29, 217-222.	4.0	91
89	Isotropic and Anisotropic Magnetic Exchange Interactions through $\mu$ -N1,N2 1,2,4-Triazole and $\mu$ -Sulfato Bridges: X-ray Crystal Structure, Magnetic Properties, and Single-Crystal EPR Study of ( $\mu$ -4-Amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole-N',N1,N2,N'')( $\mu$ -sulfato-O,O')[(sulfato-O)aquacopper(II)]triaquacopper(II) Hydrate. <i>Inorganic Chemistry</i> , 1995, 34, 5175-5182.	4.0	91
90	Medicinal applications of heavy-metal compound. <i>Current Opinion in Chemical Biology</i> , 1999, 3, 236-240.	6.1	91



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91	Activation of the C-H Bond by Electrophilic Attack: Theoretical Study of the Reaction Mechanism of the Aerobic Oxidation of Alcohols to Aldehydes by the Cu(bipy) <sub>2</sub> +2,2,6,6-Tetramethylpiperidiny-1-oxy Cocatalyst System. <i>Inorganic Chemistry</i> , 2009, 48, 11909-11920.	4.0	89
92	Synthesis, Crystal Structure, Antitumor Activity, and DNA-Binding Properties of the New Active Platinum Compound (Bis(N-methylimidazol-2-yl)carbinol)dichloroplatinum(II), Lacking a NH Moiety, and of the Inactive Analog Dichloro(N1,N1-dimethyl-2,2-biimidazole)platinum(II). <i>Inorganic Chemistry</i> , 1996, 35, 619-627.	4.0	88
93	New Isomeric Azine-Bridged Dinuclear Platinum(II) Complexes Circumvent Cross-Resistance to Cisplatin. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1210-1219.	6.4	88
94	A Highly Flexible Dinuclear Ruthenium(II)-Platinum(II) Complex: Crystal Structure and Binding to 9-Ethylguanine. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5668-5670.	13.8	88
95	cis-Diamminedichloroplatinum(II) induced distortion in a double-helical DNA fragment. <i>Journal of the American Chemical Society</i> , 1984, 106, 1528-1530.	13.7	87
96	Dimeric copper(II) compounds with a tripodal imidazole-containing ligand and bridged by imidazolate, benzimidazolate, and benzotriazolate ions. Crystal and molecular structure of $\mu$ -(benzotriazolato-N1,N3)bis{[tris(N1-methylbenzimidazol-2-ylmethyl)amine-N,N3,N3]copper(II)} trinitrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982, , 623-631.	1.1	84
97	Reactions of [PtCl(dien)]Cl with glutathione, oxidized glutathione and S-methyl glutathione. Formation of an S-bridged dinuclear unit. <i>Inorganica Chimica Acta</i> , 1988, 152, 201-207.	2.4	84
98	Solid-phase synthesis, characterization and DNA binding properties of the first chloro(poly(pyridyl)ruthenium conjugated peptide complex. <i>Dalton Transactions</i> , 2005, , 728.	3.3	84
99	Synthesis, structure, and spectroscopic properties of bismuth citrate compounds. 1. Crystal structures of K <sub>5-x</sub> (NH <sub>4</sub> ) <sub>x</sub> [Bi <sub>2</sub> (cit) <sub>2</sub> (Hcit)](H <sub>2</sub> O) <sub>y</sub> (x = 0.25, y = 13) and (NH <sub>4</sub> ) <sub>8</sub> [Bi <sub>2</sub> (cit) <sub>2</sub> (Hcit) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ](H <sub>2</sub> O) <sub>2</sub> . <i>Inorganic Chemistry</i> , 1991, 30, 4210-4218.	4.0	83
100	Synthesis, spectroscopic properties and X-ray crystal structures of two dinuclear alkoxo-bridged copper(II) compounds with the ligand bis(1-methyl-2-benzimidazolyl) propane. A unique alkoxo-bridged Cu(II) dinuclear compound with an additional bidentate bridging triflate anion. <i>Inorganica Chimica Acta</i> , 1997, 260, 151-161.	2.4	83
101	A Molecule-Based Nanoporous Material Showing Tuneable Spin-Crossover Behavior near Room Temperature. <i>Advanced Materials</i> , 2007, 19, 1397-1402.	21.0	83
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632	Crystal structure, magnetism and spectroscopy of two strongly antiferromagnetically coupled dinuclear Cu(II) paddlewheel-like compounds with 4-azabenzimidazole as a ligand. <i>Polyhedron</i> , 2006, 25, 3278-3284.	2.2	17
633	Synthesis, characterization and DNA binding properties of oligopyridine-ruthenium(II)-amino acid conjugates. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1483-1491.	3.5	17
634	DNA and glutathione interactions in cell-free media of asymmetric platinum(II) complexes cis- and trans-[PtCl <sub>2</sub> (isopropylamine)(1-methylimidazole)]: relations to their different antitumor effects. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 75-87.	2.6	17
635	Cellular accumulation and DNA platination of two new platinum(II) anticancer compounds based on anthracene derivatives as carrier ligands. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 791-796.	3.5	17
636	An Oxide-Centered Trinuclear Manganese(III) Compound with a Bulky Phenol-Pyrazolate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 947-951.	2.0	17
637	High nuclearity manganese(III) compounds containing phenol-pyrazole ligands: the influence of the ligand on the core geometry. <i>Dalton Transactions</i> , 2010, 39, 4991.	3.3	17
638	The N-atom in [N(PR <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> cations (R = Ph, Me) can act as electron donor for (pseudo) anti-electrostatic interactions. <i>CrystEngComm</i> , 2015, 17, 3768-3771.	2.6	17
639	The redox properties of (1,6-bis(benzimidazol-2-yl)-2,5-dithiahexane) chloro-copper(II) chloride as studied by cyclic voltammetry. <i>Inorganica Chimica Acta</i> , 1984, 87, 87-90.	2.4	16
640	Spin-crossover behavior in a new series of iron (II) compounds based on the ligand 5-(2-pyridyl)-1,2,4-triazole. <i>Hyperfine Interactions</i> , 1986, 28, 725-727.	0.5	16
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642	Crystal structure and magnetic properties of a unique copper(II) compound, octakis([1/4-dichloroacetato-O,O <sup>2</sup> ])bis(dichloroacetato-O)hexakis-[1/43-(2-dimethylaminoethanolato)] di-1/43-hydroxo-nonacopper(II). <i>Inorganica Chimica Acta</i> , 1987, 134, 87-93.	2.4	16
643	A mechanistic study on the oxidation of 2,6-dimethyl-phenol by DMAP- and polystyrene-bound DMAP-based copper catalysts. <i>Journal of Molecular Catalysis</i> , 1988, 44, 245-257.	1.2	16
644	Structural and magnetic (spin-crossover) phase transitions in a series of methyl substituted 5-(pyridine-2-yl)-1,2,4-triazole complexes of iron(II). <i>Hyperfine Interactions</i> , 1988, 40, 343-345.	0.5	16
645	Unusually high redox potentials of two copper(II) compounds of 1,8-bis(3,5-dimethyl-1-pyrazolyl)-3,6-dithiaoctane. <i>Inorganic Chemistry</i> , 1992, 31, 3150-3151.	4.0	16
646	Two bis(thiolethionedithiolato)nickelate (1-) compounds with a divalent closed-shell cation: synthesis, crystal structure, and electrical conductivity of		

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650	Structure determination of the [Fe(teec) <sub>6</sub> ](BF <sub>4</sub> ) <sub>2</sub> metal complex from laboratory and synchrotron X-ray powder diffraction data with grid-search techniques. <i>Acta Crystallographica Section B: Structural Science</i> , 2001, 57, 531-538.	1.8	16
651	The interaction of peptide-tethered platinum(II) complexes with DNA. <i>Journal of Inorganic Biochemistry</i> , 2003, 96, 331-338.	3.5	16
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654	A novel polymeric trinuclear-based $\frac{1}{4}$ -phosphato-bridged Cu(II) complex containing two different types of monophosphate. Synthesis, structure and magnetism of $\{[\text{Cu}_3(\text{di-2-pyridylamine})_3(\frac{1}{4}\text{-HPO}_4)(\frac{1}{4}\text{-PO}_4)(\text{H}_2\text{O})](\text{PF}_6)(\text{H}_2\text{O})_3\}_n$ . <i>Inorganica Chimica Acta</i> , 2005, 358, 2125-2128.	2.4	16
655	Solid-phase synthesis of peptide-platinum complexes using platinum-chelating building blocks derived from amino acids. <i>New Journal of Chemistry</i> , 2005, 29, 220.	2.8	16
656	Crystal structures and magnetic properties of two new phosphate-metal complexes: $[\text{Cu}_2(\text{bpy})_2(\frac{1}{4}\text{-HPO}_4)(\frac{1}{4}\text{-H}_2\text{PO}_4)(\frac{1}{4}\text{-H}_2\text{PO}_4)]_n$ and $[\text{Cu}_4(\text{phen})_4(\frac{1}{4}\text{-HPO}_4)_2(\frac{1}{4}\text{-H}_2\text{PO}_4)_2(\text{H}_2\text{PO}_4)_2](\text{H}_2\text{O})_4$ . <i>Polyhedron</i> , 2006, 25, 2198-2206.	2.0	16
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659	A series of related 2D coordination polymers based on [copper(II)-4,4'-bpy-carboxylato] building blocks. <i>Polyhedron</i> , 2012, 42, 10-17.	2.2	16
660	Plasticity in the copper-thioether bond: Manifestation in blue Cu proteins and in synthetic analogs. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 182-185.	3.5	16
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669	Thermally and photochemically induced co-ordination change in ruthenium(II) bis(2,2- $\epsilon$ -bipyridine) complexes containing pyridyltriazole ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1177-1183.	1.1	15
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688	Synthesis, structure and magnetism of two hexameric copper(II) complexes: Diaquabis[1/4-(4-bromobenzoato-O,Oâ€²)]-tetrakis(4-bromobenzoato)hexakis[1/4-(2-dimethylaminoethanolato)]hexacopper(II) and Bis[1/43-(2-dibutylaminoethanolato)-1/4-(2-dibutylaminoethanolato)] tetrakis-(1/4-dichloroacetato-O,Oâ€²)-bis(dichloroacetato)-di-1/43-hydroxo-hexacopper(II). <i>Inorganica Chimica Acta</i> , 1988, 154, 201-207.	2.4	14
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