

Ray J Butcher

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#	Paper	IF	Citations
1153	Synthetic organoselenium compounds as antioxidants: glutathione peroxidase activity. <i>Chemical Society Reviews</i> , 2000 , 29, 347-357	58.5	535
1152	Organoselenium chemistry: role of intramolecular interactions. <i>Chemical Reviews</i> , 2010 , 110, 4357-416	68.1	377
1151	Glutathione peroxidase-like antioxidant activity of diaryl diselenides: a mechanistic study. <i>Journal of the American Chemical Society</i> , 2001 , 123, 839-50	16.4	284
1150	Mixed-ligand copper(II) maltolate complexes: synthesis, characterization, DNA binding and cleavage, and cytotoxicity. <i>Inorganic Chemistry</i> , 2009 , 48, 9120-32	5.1	144
1149	Structural studies of three isomeric forms of heterocyclic N(4)-substituted thiosemicarbazones and two nickel(II) complexes. <i>Polyhedron</i> , 1996 , 15, 665-674	2.7	142
1148	o-hydroxymethylphenylchalcogens: synthesis, intramolecular nonbonded chalcogen...OH interactions, and glutathione peroxidase-like activity. <i>Journal of Organic Chemistry</i> , 2005 , 70, 9237-47	4.2	127
1147	Bonding trends of thiosemicarbazones in mononuclear and dinuclear copper(I) complexes: syntheses, structures, and theoretical aspects. <i>Inorganic Chemistry</i> , 2006 , 45, 1535-42	5.1	115
1146	Intramolecular Se...N Nonbonding Interactions in Low-Valent Organoselenium Derivatives: A Detailed Study by ¹ H and ⁷⁷ Se NMR Spectroscopy and X-ray Crystallography. <i>Chemistry - A European Journal</i> , 1999 , 5, 1411-1421	4.8	115
1145	Synthesis and relation between magnetism and structure of a trinuclear copper(II) hydroxo complex [Cu ₃ OHL ₃ (ClO ₄)]ClO ₄ and a hexanuclear copper(II) oxo complex [Cu ₃ OL' ₃ (ClO ₄) ₂](LH=3-(phenylimino)butanone 2-oxime, H ₂ L=2,2'-bis[3-(phenylimino)butanone 2-oxime]). <i>Inorganic Chemistry</i> , 2001 , 40, 537-545	5.1	109
1144	Synthesis, Structure, and Reactivity of Organochalcogen (Se, Te) Compounds Derived from 1-(N,N-Dimethylamino)naphthalene and N,N-Dimethylbenzylamine. <i>Organometallics</i> , 1999 , 18, 1986-1993	3.8	105
1143	Syntheses and structures of and catalysis of hydrolysis by Zn(II) complexes of chelating pyridyl donor ligands. <i>Journal of Inorganic Biochemistry</i> , 1999 , 75, 7-18	4.2	97
1142	Synthesis, crystal structure, spectral studies, and catechol oxidase activity of trigonal bipyramidal Cu(II) complexes derived from a tetradentate diamide bisbenzimidazole ligand. <i>Inorganic Chemistry</i> , 2001 , 40, 878-85	5.1	93
1141	A New Class of Flexible Energetic Salts: The Crystal Structures of the Ammonium, Lithium, Potassium, and Cesium Salts of Diniramide. <i>Journal of the American Chemical Society</i> , 1997 , 119, 9411-9416	16.4	92
1140	Palladium(II), platinum(II), ruthenium(II) and mercury(II) complexes of potentially tridentate Schiff base ligands of (E, N, O) type (E=S, Se, Te): Synthesis, crystal structures and applications in Heck and Suzuki coupling reactions. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3208-3218	2.7	87
1139	The isolation and crystal structure of a cyclic selenenate ester derived from Bis(2,6-diformyl-4-tert-butylphenyl)diselenide and its glutathione peroxidase-like activity. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4513-5	16.4	87
1138	Synthetic, spectroscopic, biological and X-ray crystallographic structural studies on a novel pyridine-nitrogen-bridged dimeric nickel(II) complex of a pentadentate N ₃ S ₂ ligand. <i>Inorganica Chimica Acta</i> , 2001 , 320, 1-6	2.7	86
1137	Syntheses, X-ray crystal structures, DNA binding, oxidative cleavage activities and antimicrobial studies of two Cu(II) hydrazone complexes. <i>Polyhedron</i> , 2009 , 28, 2785-2793	2.7	85

1136	Structures of nickel(II) and copper(II) complexes of 2-acetylpyridine azacyclothiosemicarbazones. <i>Polyhedron</i> , 1993 , 12, 2489-2497	2.7	83
1135	Highly convenient regioselective intermolecular hydroamination of alkynes yielding ketimines catalyzed by gold(I) complexes of 1,2,4-triazole based N-heterocyclic carbenes. <i>Inorganic Chemistry</i> , 2010 , 49, 4972-83	5.1	81
1134	Intramolecularly Coordinated Diorganyl Ditellurides: Thiol Peroxidase-like Antioxidants. <i>Organometallics</i> , 2002 , 21, 884-892	3.8	79
1133	Synthesis, structure, and glutathione peroxidase-like activity of amino acid containing ebselen analogues and diaryl diselenides. <i>Chemistry - A European Journal</i> , 2011 , 17, 12741-55	4.8	74
1132	Two new end-on azido bridged dinuclear copper(II) and cobalt(III) complexes derived from the (E)-N ² -((pyridin-2-yl)methylene) acetohydrazide Schiff base ligand: Characterisation, crystal structures and magnetic study. <i>Polyhedron</i> , 2008 , 27, 2409-2415	2.7	71
1131	Synthesis, crystal structures and multinuclear NMR spectroscopy of copper(I) complexes with benzophenone thiosemicarbazone. <i>Polyhedron</i> , 2006 , 25, 2755-2763	2.7	69
1130	Synthesis and characterization of triorganotin(IV) complexes of 5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoic acids.. <i>Journal of Organometallic Chemistry</i> , 2001 , 633, 7-17	2.3	67
1129	Characterization of Mercury(II) Complexes of Bis[(2-pyridyl)methyl]amine by X-ray Crystallography and NMR Spectroscopy. <i>Inorganic Chemistry</i> , 1998 , 37, 2952-2959	5.1	64
1128	Metal complexes of pyrimidine derived ligands Syntheses, characterization and X-ray crystal structures of Ni(II), Co(III) and Fe(III) complexes of Schiff base ligands derived from S-methyl/S-benzyl dithiocarbazate and 2-S-methylmercapto-6-methylpyrimidine-4-carbaldehyde. <i>Polyhedron</i> , 2007 , 26, 2603-2611	2.7	63
1127	Spectroscopic, structural and antibacterial properties of copper(II) complexes with bio-relevant 5-methyl-3-formylpyrazole N(4)-benzyl-N(4)-methylthiosemicarbazone. <i>Molecular and Cellular Biochemistry</i> , 2003 , 253, 21-9	4.2	63
1126	Chelate Ring Size Effect on the Reactivity of [2-(2-Phenyl-5,6-dihydro-4H-1,3-oxazinyl)]lithium and Se ^{VI} N Interactions in Low-Valent Organoselenium Compounds: Facile Isolation of Diorganotriseselenide. <i>Organometallics</i> , 2004 , 23, 4199-4208	3.8	63
1125	Synthesis, structure, and spectroscopic properties of vanadium(III) and -(IV) complexes containing hydridotris(pyrazolyl)borate ligands. 3. <i>Inorganic Chemistry</i> , 1992 , 31, 2029-2034	5.1	63
1124	Relation between magnetic, spectroscopic, and structural properties of bis[chloro(N-isopropyl-2-hydroxybenzylidene)aminato-μ-O-copper(II)] and bis(N-isopropyl-2-hydroxybenzylideneaminato)copper(II). <i>Inorganic Chemistry</i> , 1976 , 15, 1604-1608	5.1	63
1123	Designing, structural elucidation, comparison of DNA binding, cleavage, radical scavenging activity and anticancer activity of copper(I) complex with 5-dimethyl-2-phenyl-4-[(pyridin-2-ylmethylene)-amino]-1,2-dihydro-pyrazol-3-one Schiff base ligand.	6.8	61
1122	The preparation and characterization of bis-chelated nickel(II) complexes of the 6-methylpyridine-2-carboxaldehyde Schiff bases of S-alkyldithiocarbazates and the X-ray crystal structure of the bis {S-methyl-N-(6-methylpyrid-2-yl)-methylenedithiocarbazato}nickel(II) complex. <i>Polyhedron</i> , 1997 , 16, 2749-2754	2.7	61
1121	Oxomolybdenum(VI) and (IV) complexes of pyrazole derived ONO donor ligands Synthesis, crystal structure studies and spectroelectrochemical correlation. <i>Polyhedron</i> , 2007 , 26, 133-141	2.7	61
1120	Series of dicyanamide-interlaced assembly of zinc-Schiff-base complexes: crystal structure and photophysical and thermal studies. <i>Inorganic Chemistry</i> , 2012 , 51, 12176-87	5.1	60
1119	Non-interpenetrating transition metal diorganophosphate 2-dimensional rectangular grids from their 1-dimensional wires: structural transformations under mild conditions. <i>Inorganic Chemistry</i> , 2005 , 44, 6314-23	5.1	60

1118	Synthesis, characterization and crystal structure of oxomolybdenum (VI) and (IV) complexes of some tridentate ONS donor ligands. <i>Polyhedron</i> , 2004 , 23, 1595-1603	2.7	59
1117	Bi- and trinuclear copper(II) complexes of a sterically constrained phenol-based tetradentate ligand: syntheses, structures, and magnetic studies. <i>Inorganic Chemistry</i> , 2004 , 43, 8501-9	5.1	59
1116	Synthesis of One- and Two-Dimensional Coordination Polymers Containing Organotin Macrocycles. Reactions of (n-Bu ₃ Sn) ₂ O with Pyridine Dicarboxylic Acids. Structure-Directing Role of the Ancillary 4,4'-Bipyridine Ligand. <i>Crystal Growth and Design</i> , 2012 , 12, 3285-3295	3.5	58
1115	Hexa boron-dipyrromethene cyclotriphosphazenes: synthesis, crystal structure, and photophysical properties. <i>Inorganic Chemistry</i> , 2010 , 49, 10606-16	5.1	57
1114	New route to the mixed valence semiquinone-catecholate based mononuclear Fe(III) and catecholate based dinuclear Mn(III) complexes: first experimental evidence of valence tautomerism in an iron complex. <i>Inorganic Chemistry</i> , 2004 , 43, 5908-18	5.1	57
1113	Cobalt and manganese nets via their wires: facile transformation in metal-diorganophosphates. <i>Inorganic Chemistry</i> , 2004 , 43, 7585-7	5.1	57
1112	Sterically-controlled nuclearity in new copper(II) complexes with di-compartmental ligands: Formation of antiferromagnetically coupled angular trimer and mononuclear inclusion complex. <i>Inorganica Chimica Acta</i> , 2010 , 363, 1395-1403	2.7	56
1111	Copper(II) mediated anion dependent formation of Schiff base complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 3880-9	5.1	56
1110	First report of syn isomers in the diastereoselective synthesis of highly functionalized piperidines catalysed by wet picric acid: factors influencing the syn/anti ratios. <i>Tetrahedron Letters</i> , 2011 , 52, 5835-5840	2.0	55
1109	Synthesis of 1D {Cu ₆ (μ ₃ -SC ₃ H ₆ N ₂) ₄ (μ-SC ₃ H ₆ N ₂) ₂ (μ-I) ₂ 14} _n and 3D {Cu ₂ (μ-SC ₃ H ₆ N ₂) ₂ (μ-SCN) ₂ } _n polymers with 1,3-imidazolidine-2-thione: bond isomerism in polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 9402-9	5.1	55
1108	Experimental and Theoretical Studies of Bonding and Oxidative Addition of Germanes and Silanes, EH ₄ -nPhn (E = Si, Ge; n = 0, 1), to Mo(CO)(diphosphine) ₂ . The First Structurally Characterized Germane π-Complex. <i>Organometallics</i> , 2003 , 22, 5307-5323	3.8	55
1107	An expeditious and efficient synthesis of highly functionalized [1,6]-naphthyridines under catalyst-free conditions in aqueous medium. <i>Organic Letters</i> , 2011 , 13, 4664-7	6.2	54
1106	Versatility of Thiosemicarbazones in the Construction of Monomers, Dimers and Hydrogen-Bonded Networks of Silver(I) Complexes. <i>Crystal Growth and Design</i> , 2008 , 8, 1203-1212	3.5	54
1105	Intramolecular interactions between chalcogen atoms: organoseleniums derived from 1-bromo-4-tert-butyl-2,6-di(formyl)benzene. <i>Journal of Organic Chemistry</i> , 2005 , 70, 3693-704	4.2	54
1104	Ferromagnetic Coupling in a New Copper(II) Schiff Base Complex with Cubane Core: Structure, Magnetic Properties, DFT Study and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4385-4395	2.3	53
1103	Synthesis and Structural Characterization of Monomeric Selenolato Complexes of Zinc, Cadmium, and Mercury. <i>Inorganic Chemistry</i> , 1998 , 37, 2663-2669	5.1	52
1102	Syntheses and Characterization of Hybrid Bi- and Multidentate Tellurium Ligands Derived from N,N-Dimethylbenzylamine: Coordination Behavior of Bis[2-((dimethylamino)methyl)phenyl] Telluride with Chromium Pentacarbonyl. <i>Organometallics</i> , 1995 , 14, 4755-4763	3.8	52
1101	Synthesis, X-ray crystal structures and spectroscopic properties of two Ni(II) complexes of pyridoxal Schiff bases with diamines: Importance of steric factor in stabilization of water helices in the lattices of metal complex. <i>Inorganica Chimica Acta</i> , 2010 , 363, 404-411	2.7	51

1100	Intramolecularly Coordinated Low-Valent Organotellurium Complexes Derived from 1-(Dimethylamino)naphthalene. <i>Organometallics</i> , 1996 , 15, 1707-1712	3.8	51
1099	Synthesis and relation between magnetic and structural properties of a series of monomeric and dimeric nickel(II) complexes. Crystal and molecular structures of [Ni(biq)Cl ₂] ₂ , Ni(biq)Br ₂ , [Ni(dmp)Cl ₂] ₂ , [Ni(dmp)Br ₂] ₂ and Ni(bc)I ₂ . <i>Inorganic Chemistry</i> , 1977 , 16, 2334-2343	5.1	51
1098	Oxovanadium(V) complexes incorporating tridentate aroylhydrazoneoximes: Synthesis, characterizations and antibacterial activity. <i>Polyhedron</i> , 2012 , 31, 524-529	2.7	50
1097	Gold(III) N-heterocyclic carbene complexes mediated synthesis of Enaminones from 1,3-dicarbonyl compounds and aliphatic amines. <i>Inorganic Chemistry</i> , 2011 , 50, 1840-8	5.1	50
1096	Bis(diphenylphosphino)methane Induces Unusual Cyclometalation of Thiophene and Phenyl Rings (R) at the C2 Carbon of Thiosemicarbazones {R-C2(H) = N3-N2 H-C(?S)-N1H2} in Ruthenium(II) Complexes. <i>Organometallics</i> , 2008 , 27, 175-180	3.8	50
1095	Design of a Series of Isostructural Co-Crystals with Aminopyrimidines: Isostructurality through Chloro/Methyl Exchange and Studies on Supramolecular Architectures. <i>Crystal Growth and Design</i> , 2011 , 11, 3579-3592	3.5	49
1094	Highly efficient one-pot, three-component Mannich reaction catalysed by boric acid and glycerol in water with major β -syn β -diastereoselectivity. <i>Tetrahedron Letters</i> , 2009 , 50, 4246-4250	2	49
1093	Synthesis and characterization of bis[dicarboxylatotetraorganodistannoxane] units involving 5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoic acids: An investigation of structures by X-ray diffraction, NMR, electrospray ionisation MS and assessment of in vitro cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2011 , 881, 1870-1878	2.3	49
1092	The preparation and characterization of some copper(II) Complexes of the 6-methyl-2-formylpyridine thiosemicarbazone and the x-ray crystal structure of the chloro(6-methyl-2-formylpyridinethiosemicabazonato) copper(II) complex. <i>Polyhedron</i> , 1996 , 15, 3331-3339	2.7	49
1091	Synthesis, growth and characterization of novel second harmonic nonlinear chalcone crystal. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 824-830	3.9	48
1090	Pseudohalide-induced structural variations in hydrazone-based metal complexes: Syntheses, electrochemical studies and structural aspects. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2692-2700	2.7	48
1089	l-Proline-catalyzed one-pot expeditious synthesis of highly substituted pyridines at room temperature. <i>Tetrahedron Letters</i> , 2010 , 51, 1797-1802	2	47
1088	Unprecedented migration of a methyl group in 2-(2',6'-dimethylphenylazo)-4-methylphenol mediated by ruthenium. <i>Inorganic Chemistry</i> , 2004 , 43, 4814-6	5.1	47
1087	Nickel(II) complexes with dithiadiiminoamine and dithiabis(thiosemicarbazone) ligands. <i>Dalton Transactions RSC</i> , 2000 , 335-341		47
1086	Supramolecular Assembly of Molecular Rare-Earth-3,5-Dichlorobenzoic Acid-2,2':6',2''-Terpyridine Materials: Structural Systematics, Luminescence Properties, and Magnetic Behavior. <i>Inorganic Chemistry</i> , 2016 , 55, 6902-15	5.1	46
1085	Functional mimics of catechol oxidase by mononuclear copper complexes of sterically demanding [NNO] ligands. <i>Inorganica Chimica Acta</i> , 2011 , 372, 145-151	2.7	46
1084	Crystal engineering with aroyl hydrazones of diacetyl monooxime [Molecular and supramolecular structures of two Ni(II) and two Zn(II) complexes. <i>Polyhedron</i> , 2007 , 26, 3703-3714	2.7	46
1083	Structural effect of adding paired and unpaired electrons to otherwise identical transition metal systems. Magnetic and structural properties in iron(III) complexes, new intermediate iron(III) spin state, and structures of benzene solvated tris(4-morpholinecarbodithioato-S,S') type compounds. <i>Journal of the American Chemical Society</i> , 1976 , 98, 2410-2418	16.4	46

1082	Effect of five membered versus six membered meso-substituents on structure and electronic properties of Mg(II) porphyrins: a combined experimental and theoretical study. <i>Inorganic Chemistry</i> , 2010 , 49, 8287-97	5.1	45
1081	The Preparation, Characterization and Biological Activity of Palladium(II) and Platinum(II) Complexes of Tridentate NNS Ligands Derived from S-methyl- and S-benzylthiocarbazates and the X-ray Crystal Structure of the [Pd(mpsme)Cl] Complex. <i>Transition Metal Chemistry</i> , 2006 , 31, 79-87	2.1	45
1080	Synthesis, structure and reactions of the first tellurium-containing macrocyclic Schiff base. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 1203		45
1079	Pyridoxine-derived organoselenium compounds with glutathione peroxidase-like and chain-breaking antioxidant activity. <i>Chemistry - A European Journal</i> , 2014 , 20, 12563-71	4.8	44
1078	Mixed-ligand thiosemicarbazone complexes of nickel: Synthesis, structure and catalytic activity. <i>Inorganica Chimica Acta</i> , 2011 , 377, 120-128	2.7	44
1077	The synthesis and structural characterization of some triorganotin(IV) complexes of 2-[[[(E)-1-(2-hydroxyaryl)alkylidene]amino]acetic acid. Crystal and molecular structures of Ph ₃ Sn(2-OHC ₆ H ₄ C(H)?NCH ₂ COO) and Me ₃ Sn(2-OHC ₆ H ₄ C(CH ₃ ?NCH ₂ COO). <i>Journal of Organometallic Chemistry</i> , 2002 , 651, 103-106	2.3	44
1076	Dioxo-bridged dinuclear manganese(III) and -(IV) complexes of pyridyl donor tripod ligands: combined effects of steric substitution and chelate ring size variations on structural, spectroscopic, and electrochemical properties. <i>Inorganic Chemistry</i> , 2003 , 42, 1857-67	5.1	44
1075	Syntheses, structures and efficient catalysis for C-C coupling of some benzaldehyde thiosemicarbazone complexes of palladium. <i>Journal of Molecular Catalysis A</i> , 2011 , 344, 62-73		43
1074	Synthesis of some macrocycles/bicycles from bis(o-formylphenyl) selenide: X-ray crystal structure of bis(o-formylphenyl) selenide and the first 28-membered selenium containing macrocyclic ligand. <i>Journal of Organometallic Chemistry</i> , 2001 , 623, 87-94	2.3	43
1073	Novel chiral organoselenenyl halides stabilized by Se...N nonbonded interactions: synthesis and structural characterization. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 237-242		42
1072	Structure and antioxidant superoxide dismutase activity of copper(II) hydrazone complexes. <i>Polyhedron</i> , 2017 , 122, 1-15	2.7	41
1071	Bis(chalcogenones) as pincer ligands: isolation and Heck activity of the selone-ligated unsymmetrical C,C,Se-Pd pincer complex. <i>Dalton Transactions</i> , 2015 , 44, 11893-900	4.3	41
1070	N-(Aryl)picolinamide Complexes of Ruthenium: Usual Coordination and Strategic Cyclometalation. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1251-1260	2.3	41
1069	Neutral dimeric copper-parfloxacin conjugate having butterfly motif with antiproliferative effects against hormone independent BT20 breast cancer cell line. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 459-462	3.1	41
1068	Synthesis of cyclic selenenate/seleninate esters stabilized by ortho-nitro coordination: their glutathione peroxidase-like activities. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1431-42	4.5	40
1067	Synthesis and structures of monomeric [chloro(isatin-3-thiosemicarbazone)bis(triphenylphosphine)]copper(I) and dimeric [dichlorobis(thiophene-2-carbaldehyde thiosemicarbazone)bis(triphenylphosphine)]dicopper(I) complexes. <i>Polyhedron</i> , 2007 , 26, 2621-2628	2.7	40
1066	Self-activating nuclease activity of copper (II) complexes of hydroxyl-rich ligands. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 51-7	4.2	40
1065	Synthesis and structural characterization of copper(II) and vanadium(V) complexes of pyridyl/pyrimidyl-pyrazole derived Schiff base ligands [Metal specific adjustment of ligand binding mode. <i>Polyhedron</i> , 2008 , 27, 3267-3274	2.7	39

1064	Metalthiosemicarbazone interactions. Synthesis of an iodo-bridged dinuclear [diiodobis(pyrrole-2-carbaldehydethiosemicarbazone)dicopper(I)] complex. <i>Transition Metal Chemistry</i> , 2004 , 29, 291-295	2.1	39
1063	Stabilization of Organosilanetriols in Amine Matrices: Trapping Intermediates between RSi(OH) ₃ and (RSiO ₃) ₃ - Anions. <i>Organometallics</i> , 2004 , 23, 2305-2314	3.8	39
1062	Synthesis of octahedral cobalt(III) complexes with mono- and di-condensed Schiff base ligands: A template-directed approach for the isolation of a rare kind of mixed-ligand complex. <i>Journal of Molecular Structure</i> , 2009 , 929, 112-119	3.4	38
1061	Stable Selenenium Cations: Unusual Reactivity and Excellent Glutathione Peroxidase-Like Activity. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 637-647	2.3	38
1060	Magneto-structural correlations and DFT calculations in two rare tetranuclear copper(II)-clusters with doubly phenoxo and end-on azido bridges: Syntheses, structural variations and EPR studies. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3580-3588	2.7	38
1059	Complexes of N(4)-cyclohexylsemicarbazones and N(4)-cyclohexylthiosemicarbazones derived from 2-formyl-, 2-acetyl- and 2-benzoylpyridine. <i>Transition Metal Chemistry</i> , 1998 , 23, 209-214	2.1	38
1058	Synthesis and characterization of manganese(II) and iron(III) d ⁵ tripodal imidazole complexes. Effect of oxidation state, protonation state and ligand conformation on coordination number and spin state. <i>Dalton Transactions</i> , 2006 , 1009-19	4.3	38
1057	Synthesis of a metallophilic metallamacrocycle: a HgII...CuI...HgII...HgII...CuI...HgII interaction. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1715-7	16.4	38
1056	Synthesis and single crystal X-ray structure of the first cationic Pd(II) complex of a tellurium-containing polyaza macrocycle: contrasting reactions of Pd(II) and Pt(II) with a 22-membered macrocyclic Schiff base. <i>Chemical Communications</i> , 2000 , 143-144	5.8	38
1055	Modeling the Multinuclear Redox-Active Manganese Enzymes. Synthesis, Structure, and Properties of a Bis(dinuclear Mn(III)-μ ₂ -oxo-bis(μ ₂ -acetato)) Complex. <i>Inorganic Chemistry</i> , 1995 , 34, 3633-3645	5.1	38
1054	Isolation and Structural Characterization of Some Aryltellurium Halides and Their Hydrolyzed Products Stabilized by an Intramolecular Te...N Interaction. <i>Organometallics</i> , 2011 , 30, 534-546	3.8	37
1053	A ligand-free copper (I) catalysed intramolecular N-arylation of diazoaminobenzenes in PEG-water: an expeditious protocol towards regiospecific 1-aryl benzotriazoles. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 4720-9	3.9	37
1052	Synthesis and Reactivity of Chiral Tellurium Azomethines: Pseudopolymorphism of [o-(((1S,2R)-2-Hydroxy-2-phenyl-1-methylethyl)amino)methyl]phenyl]tellurium(IV) Bromide. <i>Organometallics</i> , 1997 , 16, 563-571	3.8	37
1051	Contrasting coordination behaviour of 22-membered chalcogenaaza (Se, Te) macrocycles towards Pd(II) and Pt(II): isolation and structural characterization of the first metallamacrocycle with a C-Pt-Se linkage. <i>Chemical Communications</i> , 2004 , 322-3	5.8	37
1050	Synthesis, Characterization and Coordination Chemistry of Some Selenium-Containing Macrocyclic Schiff Bases. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1114-1126	2.3	37
1049	Synthesis and Structural Characterization of Monomeric Zinc(II), Cadmium(II), and Mercury(II) Arenethiolates with a Chelating Oxazoline Ligand. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 1229-1236	2.3	37
1048	Aromatic ring strain in arylselenenyl bromides: role in facile synthesis of selenenate esters via intramolecular cyclization. <i>Chemistry - A European Journal</i> , 2010 , 16, 10576-91	4.8	36
1047	Metal derivatives of N1-substituted thiosemicarbazones with divalent metal ions (Ni, Cu): Synthesis and structures. <i>Polyhedron</i> , 2010 , 29, 1130-1136	2.7	36

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