

Ray J Butcher

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8507765/ray-j-butcher-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

1,153
papers

15,394
citations

52
h-index

77
g-index

1,195
ext. papers

16,569
ext. citations

2.9
avg, IF

6.7
L-index

1136	Crystal structure, spectral, thermal and experimental/computational investigation of Anthracen-benzo[d]thiazol-2-amine new Schiff base derivative. <i>Journal of Molecular Structure</i> , 2021 , 1229, 129824	3.4	1
1135	A novel single-pot synthesis of dinuclear and mononuclear copper(II) complexes with sterically demanding Schiff bases: Structural, spectral, magnetic, electrochemical, DNA binding and theoretical investigation. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129955	3.4	5
1134	Synthesis and Single Crystal X-ray Studies of Cyclic Te(IV) Diiodide. <i>Journal of Physics: Conference Series</i> , 2021 , 1913, 012077	0.3	
1133	[(Methyl-ene-bis-[di-bromido(diethyl ether- η)]aluminium(III))]: crystal structure and chemical exchange in solution. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 647-652	0.7	
1132	Tetra-kis[η 1,1,1,3,3,3-hexa-fluoro-2-(tri-fluoro-meth-yl)propan-2-olato]tetra-kis-(η 2-methyl-propan-2-olato)octa-copper(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 668-671	0.7	
1131	Bis(2-nitrophenyl) selenide, bis(2-aminophenyl) selenide and bis(2-aminophenyl) telluride: structural and theoretical analysis. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021 , 77, 271-280	0.8	1
1130	Synthesis, structure, magnetic properties and DFT study of a dinuclear copper(II) macrocyclic complex containing acetate groups. <i>Inorganica Chimica Acta</i> , 2021 , 520, 120310	2.7	
1129	COMBINED EXPERIMENTAL AND COMPUTATIONAL APPROACH TO THE STRUCTURE OF A NEW NICKEL(II) COMPLEX WITH TRIDENTATE SCHIFF BASE LIGAND. <i>Journal of Structural Chemistry</i> , 2021 , 62, 938-946	0.9	0
1128	A simple methyl substitution of 3-acetylcoumarin thiosemicarbazone enhances cellular autophagy flux, reduces inflammation and ameliorates rough eye phenotype in the Drosophila model of Alzheimer's disease. <i>Journal of Molecular Structure</i> , 2021 , 1235, 130265	3.4	2
1127	Chalcogen Bonds in Selenocysteine Seleninic Acid, a Functional GPx Constituent, and in Other Seleninic or Sulfinic Acid Derivatives. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 2351-2360	4.5	3
1126	The Co(II), Ni(II), Cu(II) and Zn(II) complexes of aroylhydrazone of quinolone core: Syntheses, characterization and evaluation of antimicrobial and antitubercular activity. <i>Inorganica Chimica Acta</i> , 2021 , 522, 120352	2.7	2
1125	Supramolecular Organic Frameworks (SOFs) Using Anthracene Based Flexible Azoles: Synthesis, Structural and Photophysical Studies. <i>Journal of Chemical Crystallography</i> , 2021 , 51, 57-70	0.5	
1124	Copper(II) and Nickel(II) complexes of the non-steroidal anti-inflammatory drug indomethacin containing aromatic chelating N,N-donor ligand: Synthesis and structural studies. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129069	3.4	7
1123	Synthesis and Structural Characterization of π -Enaminoamide Zinc Complexes. <i>Journal of Chemical Crystallography</i> , 2021 , 51, 251-256	0.5	
1122	Cobalt complexes of the non-steroidal anti-inflammatory drug indomethacin: Synthesis and structural studies. <i>Journal of Molecular Structure</i> , 2021 , 1225, 129305	3.4	
1121	Structural features of nickel(II) mixed ligand complexes with mefenamic acid and nitrogen donor ligands. <i>Journal of Molecular Structure</i> , 2021 , 1230, 129632	3.4	1
1120	Axially chiral bis-1,2,3-Triazol-4-ylideneAg(I)-MIC and, bis-Au(I)-MIC complexes of (R)-BINOL and (-)-Menthol scaffold: Synthesis, structure, and characterizations. <i>Journal of Organometallic Chemistry</i> , 2021 , 932, 121626	2.3	1
1119	Metal-organic frameworks derived from a semi-rigid anthracene-based ligand and sulfonates: proton conductivity and dye degradation studies. <i>CrystEngComm</i> , 2021 , 23, 684-693	3.3	10

1118	Design and synthesis of a sulphur containing Schiff base drug: DNA binding studies and theoretical calculations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 263-271	3.6	1
1117	Dual sensing of methionine and aspartic acid in aqueous medium by a quinoline-based fluorescent probe. <i>Dalton Transactions</i> , 2021 , 50, 8820-8830	4.3	1
1116	Antiproliferative activity and electrochemical oxygen evolution by Ni(II) complexes of π -(aroyl)-hydrazine carbodithioates. <i>Dalton Transactions</i> , 2021 , 50, 14362-14373	4.3	2
1115	Synthesis, structure, and theoretical studies of a calcium complex of a unique dianion derived from 1-methyl-pyrrolidin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 70-74	0.7	
1114	Syntheses and structures of two benzoyl amides: 2-chloro-4-eth-oxy-3,5-dimeth-oxy--(3-oxo-cyclo-hex-1-en-1-yl)benzamide and 2-chloro--(5,5-dimethyl-3-oxo-cyclo-hex-1-en-1-yl)-4-eth-oxy-3,5-di-meth-oxy-benzamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 314-318	0.7	
1113	Synthesis and characterization of penta-coordinated copper(II) complexes with hydrazido based ligand and imidazole as auxiliary ligand. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100182		0
1112	Spectroscopic, molecular structure, electronic, Hirshfeld surface, molecular docking, and thermodynamic investigations of trans-4-hydroxy-L-proline by DFT method. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117549	6	7
1111	A trinuclear nickel(II) Schiff base complex with phenoxido- and acetato-bridges: combined experimental and theoretical magneto-structural correlation. <i>Dalton Transactions</i> , 2021 , 50, 2200-2209	4.3	3
1110	Catalytic and highly regenerable aminic organoselenium antioxidants with cytoprotective effects. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2015-2022	3.9	5
1109	The crystal structure of the deca-aluminum alkoxide cluster AlO(OH) (= 1,1,1,3,3,3-hexa-fluoro-propan-2-olate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 79-82	0.7	
1108	Synthesis of tricarboxylic acid based metal organic frameworks: Structural and gas adsorption studies. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129161	3.4	
1107	Synthesis and Study of Photophysical Properties of 6,12-Dicyano-9-oxa[7]helicene. <i>ChemistrySelect</i> , 2021 , 6, 13514-13519	1.8	1
1106	Chiral tricyclic triazolooxazine derived mesoionic carbene (MIC)-Pd(II) complexes of cyclohexene oxide scaffold: Synthesis, structure, and characterizations. <i>Journal of Organometallic Chemistry</i> , 2020 , 930, 121598	2.3	1
1105	Use of Pyrazole Hydrogen Bonding in Tripodal Complexes to Form Self Assembled Homochiral Dimers. <i>Materials</i> , 2020 , 13,	3.5	4
1104	Copper(II) hydrazone complexes with different nuclearities and geometries: Synthesis, structural characterization, antioxidant SOD activity and antiproliferative properties. <i>Polyhedron</i> , 2020 , 186, 114624	2.7	12
1103	Synthesis, characterization, crystal structures and anti-diabetic activity of organotin (IV) complexes with 2-(4-hydroxynaphthylazo)-benzoic acid. <i>Inorganica Chimica Acta</i> , 2020 , 510, 119736	2.7	7
1102	Metallophilic interactions: observations of the shortest metallophilic interactions between closed shell (dd, dd, dd) metal ions [MM' M = Hg(ii) and Pd(ii) and M' = Cu(i), Ag(i), Au(i), and Pd(ii)]. <i>Dalton Transactions</i> , 2020 , 49, 9099-9117	4.3	9
1101	Synthesis, characterization, CT-DNA binding and docking studies of novel selenated ligands and their palladium complexes. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5634	3.1	1

1100	Two new copper(II) binuclear complexes with 2-[(E)-(pyridine-2-yl-hydrazono)methyl]phenol: Molecular structures, quantum chemical calculations, cryomagnetic properties and catalytic activity. <i>Polyhedron</i> , 2020 , 188, 114687	2.7	15
1099	Aminonaphthoquinones as photosensitizers for mesoporous ZnO based dye-sensitized solar cells. <i>Journal of Alloys and Compounds</i> , 2020 , 845, 156279	5.7	3
1098	Synthesis, crystal structures, photophysical, electrochemical studies, DFT and TD-DFT calculations and Hirshfeld analysis of new 2,2':6',2''-terpyridine ligands with pendant 4-(trimethoxyphenyl) groups and their homoleptic ruthenium complexes. <i>New Journal of Chemistry</i> , 2020 , 44, 11471-11489	3.6	2
1097	Synthesis, characterization, ab initio quantum chemical calculations and molecular docking studies of Se bearing phenoxo-bridged bimetallic Ni(II) complexes. <i>Journal of Molecular Structure</i> , 2020 , 1221, 128771	3.4	3
1096	Synthesis, antimicrobial and chitinase inhibitory activities of 3-amidocoumarins. <i>Bioorganic Chemistry</i> , 2020 , 98, 103700	5.1	5
1095	Ternary Co(II), Ni(II) and Cu(II) complexes containing dipyrrophenazine and saccharin: Structures, reactivity, binding interactions with biomolecules and DNA damage activity. <i>Inorganica Chimica Acta</i> , 2020 , 506, 119532	2.7	11
1094	Exploring the Role of Strong Intramolecular Coordination of the 2-(2'-pyridyl)phenyl Group in Heavy Main Group Halides: Insights from Synthesis, Structural, and Bonding Analyses. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2143-2152	2.3	1
1093	Combination of single-molecule magnet behaviour and luminescence properties in a new series of lanthanide complexes with tris(pyrazolyl)borate and oligo(Ediketonate) ligands. <i>Dalton Transactions</i> , 2020 , 49, 7774-7789	4.3	6
1092	Structural characterization of the derivatives of bis{[2,6-(dimethylamino)methyl]phenyl} selenide with palladium(II) and mercury(II). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 828-835	0.8	0
1091	Halogenation of Diorganotelluride [2,6-(Me ₂ NCH ₂) ₂ C ₆ H ₃]Te n Bu: Synthesis, Molecular and Electronic Structural Investigation of Monoorgano Dihalotelluronium(IV) Cation. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 4170-4179	2.3	0
1090	Structure of a diorganotelluroxonium(IV) cation, {[2,6-(CHNMe)CHTe(EO)]}, with the tri-chlorido-(dimethyl sulfoxide)-platinum(II) anion. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1520-1524	0.7	1
1089	Synthesis of fluorescent MOFs: live-cell imaging and sensing of a herbicide. <i>CrystEngComm</i> , 2020 , 22, 4468-4477	3.3	11
1088	Isolation of the novel example of a monomeric organotellurinic acid. <i>Dalton Transactions</i> , 2020 , 49, 11734-11806	4.1	6
1087	Isolation of Homoleptic Dicationic Tellurium and Monocationic Bismuth Analogues of Non-N-Heterocyclic Carbene Derivatives. <i>Organometallics</i> , 2020 , 39, 334-343	3.8	9
1086	New 1,2,3-triazole based bis- and trisphosphine ligands: synthesis, transition metal chemistry and catalytic studies. <i>Dalton Transactions</i> , 2020 , 49, 3434-3449	4.3	12
1085	Supramolecular assemblies of new pseudohalide end-to-end bridged copper(II) complex and molecular structural variety of penta and hexa-coordinated metal(II) complexes with hydrazido-based ligand. <i>Inorganica Chimica Acta</i> , 2020 , 503, 119371	2.7	8
1084	Synthesis, Crystal Structures, Density Functional Theory (DFT) Calculations and Molecular Orbital Calculations of Two New Metal-Free Macrocyclic Schiff Bases Derived from 2,6-Dibenzoyl-4-alkylphenol and Diamines. <i>Journal of Chemical Crystallography</i> , 2020 , 50, 400-409	0.5	2
1083	Chemoselective synthesis, X-ray characterization and DFT studies of new organic single crystal: S-(2-aminophenyl) cyclohexylcarbamothioate. <i>Journal of Molecular Structure</i> , 2020 , 1204, 127499	3.4	5

- 1082 The novel cobalt and manganese polymeric complex with the non-steroidal anti-inflammatory drug diclofenac: Synthesis, characterization and antibacterial studies. *Journal of Molecular Structure*, **2020**, 1204, 127483 3.4 3
- 1081 Synthesis of early transition metal oxide nanomaterials and their conversion to nitrides. *Journal of Nanoparticle Research*, **2020**, 22, 1 2.3 5
- 1080 New DNA-Interactive Manganese(II) Complex of Amidooxime: Crystal Structure, DFT Calculation, Biophysical and Molecular Docking Studies. *Journal of Chemical & Engineering Data*, **2020**, 65, 5393-5404 2.8 3
- 1079 Adaptable DNA-Interactive Probe Proficient at Selective Turn-On Sensing for Al: Insight from the Crystal Structure, Photophysical Studies, and Molecular Logic Gate. *ACS Omega*, **2020**, 5, 18411-18423 3.9 5
- 1078 Manganese (II)-imidazole complexes of the non-steroidal anti-inflammatory drug mefenamic acid: Synthesis, and structural studies. *Inorganica Chimica Acta*, **2020**, 512, 119878 2.7 6
- 1077 Bimetallic and trimetallic Cd(II) and Hg(II) mixed-ligand complexes with 1,1-dicyanoethylene-2,2-dithiolate and polyamines: Synthesis, crystal structure, Hirshfeld surface analysis, and antimicrobial study. *Inorganica Chimica Acta*, **2020**, 512, 119877 2.7 14
- 1076 Influence of anion induced geometry change in Zn(II) on the magnetization relaxation dynamics of Dy(III) in Zn-Dy-Zn complexes. *Dalton Transactions*, **2020**, 49, 10580-10593 4.3 4
- 1075 Synthesis and structures of tetrahedral zinc(II) complexes bearing indomethacin and nitrogen donor ligands. *Inorganica Chimica Acta*, **2020**, 513, 119941 2.7 6
- 1074 Crystal Structure and Computational Study of 5-Ethyl-4-(4-Methoxyphenethyl)-4,5-Dihydro-3H-1,2,4-Triazol-3-One and 4-(4-Methoxyphenethyl)-5-Propyl-4,5-Dihydro-3H-1,2,4-Triazol-3-One. *Crystallography Reports*, **2020** 65, 1133-1137 0.6 1
- 1073 Synthesis and spectroscopic characterization and DFT study of benzyl 4-([1,1'-biphenyl]-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate. *Journal of Molecular Structure*, **2020**, 1200, 127069 3.4
- 1072 Facile synthesis of stable selenocystine peptides and their solution state NMR studies. *Organic and Biomolecular Chemistry*, **2019**, 17, 8533-8536 3.9 1
- 1071 Luminescent europium(III) and terbium(III) complexes of Ediketonate and substituted terpyridine ligands: synthesis, crystal structures and elucidation of energy transfer pathways. *New Journal of Chemistry*, **2019**, 43, 15139-15152 3.6 24
- 1070 Unsymmetrical nonplanar 'push-pull' Ectasubstituted porphyrins: facile synthesis, structural, photophysical and electrochemical redox properties. *Dalton Transactions*, **2019**, 48, 15002-15011 4.3 4
- 1069 Synthesis and characterization of mixed-ligand Zn(II) and Cu(II) complexes including polyamines and dicyano-dithiolate(2-): In vitro cytotoxic activity of Cu(II) compounds. *Inorganica Chimica Acta*, **2019**, 498, 119098 2.7 12
- 1068 Synthesis, structural characterization and antimicrobial activities of triorganotin(IV)azo-carboxylates derived from ortho/para-amino benzoic acids and Eaphthol. *Inorganica Chimica Acta*, **2019**, 498, 119172 2.7 11
- 1067 Synthesis and characterization of Mn(II) complexes of 4-phenyl(phenyl-acetyl)-3-thiosemicarbazide, 4-amino-5-phenyl-1,2,4-triazole-3-thiolate, and their application towards electrochemical oxygen reduction reaction. *Polyhedron*, **2019**, 173, 114125 2.7 5
- 1066 Oxidation behavior of intramolecularly coordinated unsymmetrical diorganotellurides: isolation of novel tetraorganoditelluronic acids, [RR'Te(EO)(OH)]. *Dalton Transactions*, **2019**, 48, 10979-10985 4.3 6
- 1065 Synthesis of intramolecularly coordinated heteroleptic diorganotellurides and diorganotelluroxides: Isolation of monomeric diorganotelluroxide [{2,6-(Me₂NCH₂)₂C₆H₃]₂TeO} and diorganohydroxytelluronium chloride [{2,6-(Me₂NCH₂)₂C₆H₃]₂Te(OH)Cl}. *Journal of Organometallic Chemistry*, **2019**, 884, 10-17 2.3 8

1064	One-dimensional copper(II) coordination polymers based on 1,3-bis(pyridin-4-yl)propane and diimine ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 496-503	0.8	1
1063	Bioinspired Oxidative Cleavage of Aliphatic C-H Bonds Utilizing Aerial Oxygen by Nickel Acireductone Dioxygenase Mimics. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2163-2163	2.3	
1062	One-Dimensional Self-assembled Coordination Polymer, {[Cu(bpy)(bpe)(NO ₃) ₂][H ₂ O] ₄] _n . <i>Journal of Chemical Crystallography</i> , 2019 , 49, 275-280	0.5	2
1061	Pseudo-tetrahedral copper(II) complex derived from N'-[(2E,3Z)-4-hydroxy-4-phenylbut-3-en-2-ylidene]acetohydrazide: Synthesis, molecular structure, quantum chemical investigations, antioxidant and antiproliferative properties. <i>Journal of Molecular Structure</i> , 2019 , 1185, 341-350	3.4	33
1060	Synthesis, Structure Elucidation, Homology Modeling and Antifilarial Activity of 7-Benzamidocoumarin Derivatives. <i>ChemistrySelect</i> , 2019 , 4, 3300-3307	1.8	3
1059	A piperidinium-carbodithioate salt: Synthesis, crystal structure, spectral, cation-interaction and electrochemical studies. <i>Journal of Molecular Structure</i> , 2019 , 1189, 51-56	3.4	1
1058	Synthesis of Pd(II) complexes of unsymmetrical, hybrid selenoether and telluroether ligands: Isolation of tellura-palladacycles by fine tuning of intramolecular chalcogen bonding in hybrid telluroether ligands. <i>Polyhedron</i> , 2019 , 172, 95-103	2.7	6
1057	Synthesis of selenopeptides: an alternative way of incorporating selenocysteine. <i>Amino Acids</i> , 2019 , 51, 661-667	3.5	4
1056	A novel Cu(II) tetranuclear complex, chemical properties and catalysis of hydrolysis of phosphate esters. <i>Inorganic Chemistry Communication</i> , 2019 , 102, 45-50	3.1	2
1055	Crystal Engineering and Magnetostructural Properties of Newly Designed Azide/Acetate-Bridged Mn ₁₂ Coordination Polymers. <i>Crystal Growth and Design</i> , 2019 , 19, 2366-2379	3.5	3
1054	Anomalous coordination behaviour of 6-methyl-2-oxo-1,2-dihydroquinoline-3-carboxaldehyde-4(N)-substituted Schiff bases in Cu(II) complexes: Studies of structure, biomolecular interactions and cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4659	3.1	8
1053	Synthesis, spectral characterization, crystallographic analysis, DFT studies, bioevaluation and anion exchange reactions of 1-(3-chlorophenyl)-4-(3-phenylseleno propyl) piperazinium chloride. <i>Journal of Molecular Structure</i> , 2019 , 1176, 117-127	3.4	4
1052	Luminescent metal organic frameworks for sensing and gas adsorption studies. <i>CrystEngComm</i> , 2019 , 21, 5470-5481	3.3	15
1051	Facile one-pot template synthesis of isotopic Co(II), Ni(II) and Cu(II) complexes of a Schiff base derived from glyoxylic acid and ethyl carbazate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 3925-3937	4.1	2
1050	Experimental and quantum computational study of two new bridged copper(II) coordination complexes as possible models for antioxidant superoxide dismutase: Molecular structures, X-band electron paramagnetic spectra and cryogenic magnetic properties. <i>Polyhedron</i> , 2019 , 171, 155-171	2.7	16
1049	Reactivity of bis[{2,6-(dimethylamino)methyl}phenyl]telluride with Pd(II) and Hg(II): isolation of the first Pd(II) complex of an organotellurenum cation as a ligand. <i>New Journal of Chemistry</i> , 2019 , 43, 13223-13233	3.6	6
1048	Copper(I) complexes of N-(2/4 methoxy/2-chloro-4-nitro)phenyl-N-(methoxycarbonyl)thiocarbamides as potential anticancer agents: Synthesis, crystal structure, in vitro cytotoxicity and DNA damage studies. <i>Polyhedron</i> , 2019 , 170, 431-439	2.7	3
1047	Meso-Fused Carbatriphyrins(2.1.1) and Its Organo Phosphorus(V) Complex. <i>Journal of Organic Chemistry</i> , 2019 , 84, 9067-9074	4.2	11

1046	Discrete and one dimensional extended Mn(III) Schiff base complexes with pseudohalides: Synthesis, structure and magnetic studies. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118997	2.7	4
1045	Photophysical, electrochemical and TD-DFT studies of Ni(II) and Mn(II) complexes of N ² -(2-methylfuran-3-carbonyl)hydrazine carbodithioic acid ethyl ester. <i>Polyhedron</i> , 2019 , 174, 114160	2.7	3
1044	Dibromidobis(3-bromobenzyl- κ^1)(4,7-diphenyl-1,10-phenanthroline- κ^2 N,N ²)tin(IV). <i>IUCrData</i> , 2019 , 4,	0.7	1
1043	Isolation and structure of an 18-membered macrocycle containing two diselenide linkages and its precursor. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 336-341	0.8	1
1042	The crystal and molecular structures of three copper-containing complexes and their activities in mimicking galactose oxidase. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 538-544	0.8	0
1041	Potassium chlorido-tris-(hypersil-oxy)aluminate dimer. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 714-716	0.7	
1040	(S)-1-(Benzylselanyl)-3-phenylpropan-2-amine. <i>IUCrData</i> , 2019 , 4,	0.7	2
1039	Synthesis, characterization, computational and cytotoxic evaluation of novel [N, N-dialkyl ammonium] [diphenyl/ethyl phosphoryl oxides]. <i>Journal of Molecular Structure</i> , 2019 , 1185, 183-190	3.4	2
1038	Synthesis, crystal structures and antioxidant studies of Pd(II) and Ru(II) complexes of 2-(4-methoxyphenyltelluro) ethanol. <i>Journal of Organometallic Chemistry</i> , 2019 , 902, 120967	2.3	1
1037	A quinoline-based probe for effective and selective sensing of aspartic acid in aqueous medium: in vitro and in vivo live cell imaging. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3237-3244	6.8	4
1036	Synthesis, characterization, and theoretical studies of (E)-t-butyl-2-((E)-2-methyl-3-phenylallylidene) hydrazine carboxylate and (E)-t-butyl-2-((E)-3-phenylallylidene) hydrazine carboxylates as a possible Mcl-1 antagonists. <i>Journal of Molecular Structure</i> , 2019 , 1181, 197-202	3.4	3
1035	Effect of benzoic acid substituents and additional functional groups of ancillary ligands in modulating the nuclearity and aggregation behavior of transition metal carboxylates. <i>Inorganica Chimica Acta</i> , 2019 , 486, 283-293	2.7	7
1034	The influence of substituents at C2/N1 atoms of pyridine-2-formaldehyde-/benzaldehyde-N1-substituted thiosemicarbazones on the type of copper(I) complexes. <i>Polyhedron</i> , 2019 , 158, 449-457	2.7	3
1033	Recent Developments in the Chemistry of NHC-based Selones: Syntheses, Applications and Reactivity. <i>Chemistry Letters</i> , 2019 , 48, 65-79	1.7	15
1032	Hypervalent organoselenium compounds stabilized by intramolecular coordination: synthesis and crystal structures. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 70-76	0.8	3
1031	Bioinspired Oxidative Cleavage of Aliphatic C-H Bonds Utilizing Aerial Oxygen by Nickel Acireductone Dioxxygenase Mimics. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2164-2167	2.3	4
1030	Contrasting Reactivity of 2-chloro-1-formyl-3-hydroxymethylenecyclohexene and its Schiff Bases towards Disodium Diselenide: Isolation of Selenospirocycles versus Azapentalenes. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 128-137	3	2
1029	Synthesis, structure, photoluminescence and electrochemical properties of mononuclear Ag(I) and polymeric Zn(II) complexes of potassium 4-methyl piperazine-1-carbodithioate. <i>Journal of Molecular Structure</i> , 2019 , 1177, 260-268	3.4	6

1028	Synthesis, characterization, DFT and antimicrobial studies of transition metal ion complexes of a new schiff base ligand, 5-methylpyrazole-3yl-N-(2-hydroxyphenylamine)methyleneimine, (MPzOAP). <i>Journal of Molecular Structure</i> , 2019 , 1178, 100-111	3.4	6
1027	Synthesis and Structural Characterization of π -Enaminoester Zinc Complexes. <i>Journal of Chemical Crystallography</i> , 2019 , 49, 80-86	0.5	1
1026	Telluroxanes: Synthesis, structure and applications. <i>Journal of Organometallic Chemistry</i> , 2018 , 861, 174-206	13	
1025	Synthesis, characterization and determination of absolute structures of palladium complexes of novel chiral acyclic tellurated Schiff base ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 6264-6273	3.6	7
1024	Synthesis of an unusual quinazoline alkaloid: theoretical and experimental investigations of its structural, electronic, molecular and biological properties.. <i>RSC Advances</i> , 2018 , 8, 8259-8268	3.7	18
1023	Preparation, characterizations and biological evaluations of new copper(II) complexes containing ONO pincer type ligands. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4364	3.1	9
1022	Synthesis and Structure of SnCl(CHSiMe): Toward Nanoclusters of 4-Coordinate π -Sn. <i>Inorganic Chemistry</i> , 2018 , 57, 4921-4925	5.1	2
1021	Monodentate Coordination of N, N'-Disubstituted Thiocarbamide Ligands: Syntheses, Structural Analyses, In Vitro Cytotoxicity and DNA Damage Studies of Cu(I) Complexes. <i>ChemistrySelect</i> , 2018 , 3, 3675-3679	1.8	8
1020	Mechanism of Evolution of Koneramine Complexes from One-Pot Reactions: Snapshots of Intermediates Offer Facile Routes to New Dipicolylamines. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1458-1466	4.5	3
1019	Synthesis and structural, photophysical, electrochemical redox and axial ligation properties of highly electron deficient perchlorometalloporphyrins and selective CN sensing by Co(II) complexes. <i>New Journal of Chemistry</i> , 2018 , 42, 8190-8199	3.6	7
1018	Exploration of fluorescent organotin compounds of amino acid Schiff bases for the detection of organophosphorous chemical warfare agents: quantification of diethylchlorophosphate. <i>New Journal of Chemistry</i> , 2018 , 42, 8756-8764	3.6	22
1017	Protic and substituted NCN palladium(II) pincer complexes with 1,3-bis(benzimidazol-2-yl)-2-bromobenzenes: Structure and catalysis. <i>Journal of Organometallic Chemistry</i> , 2018 , 859, 33-43	2.3	7
1016	Catalysis of alkene epoxidation by manganese(II) and (III) complexes of both Schiff base and reduced Schiff base ligands utilizing environmentally benign H ₂ O ₂ . <i>Polyhedron</i> , 2018 , 144, 198-209	2.7	20
1015	One-Pot Tandem Hiyama Alkynylation/Cyclizations by Palladium(II) Acyclic Diaminocarbene (ADC) Complexes Yielding Biologically Relevant Benzofuran Scaffolds. <i>ACS Omega</i> , 2018 , 3, 1740-1756	3.9	20
1014	Mn(III) and Mn(II) complexes of tridentate Schiff base ligands; synthesis, characterization, structure, electrochemistry and catalytic activity. <i>Inorganica Chimica Acta</i> , 2018 , 478, 232-242	2.7	22
1013	Varying structural motifs, unusual X-band electron paramagnetic spectra, DFT studies and superoxide dismutase enzymatic activity of copper(II) complexes with N'-[(E)-phenyl(pyridin-2-yl)methylidene]benzohydrazide. <i>New Journal of Chemistry</i> , 2018 , 42, 3112-3136	3.6	21
1012	Facile construction of 4H-chromenes via Michael addition of phenols to benzylidene oxobutanoates and their successful conversion into pyranocoumarins. <i>Tetrahedron Letters</i> , 2018 , 59, 2347-2351	2	5
1011	Synthesis, structural characterization and density functional studies of ethyl 4-(biphenyl-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate A non-merohedral twinned structure. <i>Journal of Molecular Structure</i> , 2018 , 1163, 161-166	3.4	1

1010	Synthesis of Fluorescent Nanoscale Salts/Metal-Organic Frameworks for Live-Cell Imaging. <i>Crystal Growth and Design</i> , 2018 , 18, 2804-2813	3.5	9
1009	Synthesis of t-butyl 2-(4-hydroxy-3-methoxybenzylidene)hydrazine carboxylate: Experimental and theoretical investigations of its properties. <i>Journal of Molecular Structure</i> , 2018 , 1164, 516-524	3.4	19
1008	Synthesis, molecular structure exploration and in vitro cytotoxicity screening of five novel N, N?-disubstituted thiocarbamide derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 507-514	1	6
1007	Synthesis, characterization and antimicrobial activity of some nickel, cadmium and mercury complexes of 5-methyl pyrazole-3-yl-N-(2?-methylthiophenyl) methyleneimine, (MPzOATA) ligand. <i>Journal of Molecular Structure</i> , 2018 , 1152, 189-198	3.4	23
1006	The effect of substituents at C2/N1 atoms of salicylaldehyde and 2-hydroxyacetophenone based thiosemicarbazones on the nature of nickel(II) complexes with 1,10-phenanthroline and terpyridine as co-ligands. <i>Inorganica Chimica Acta</i> , 2018 , 482, 268-274	2.7	1
1005	Adaptive responses of sterically confined intramolecular chalcogen bonds. <i>Chemical Science</i> , 2018 , 9, 7027-7042	9.4	32
1004	A Quest towards Eccentric Piedfort Pairs. <i>ChemistrySelect</i> , 2018 , 3, 4844-4850	1.8	2
1003	Synthesis and characterization of N,N?,C-bound organotellurium(IV) and organomercury(II) derivatives. <i>Inorganica Chimica Acta</i> , 2018 , 483, 218-228	2.7	3
1002	Design of two series of 1:1 cocrystals involving 4-amino-5-chloro-2,6-dimethylpyrimidine and carboxylic acids. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1007-1019	0.8	2
1001	β-Heptasubstituted Porphyrins: Synthesis, Structural, Spectral, and Electrochemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3338-3343	2.3	3
1000	Crystal structure of tetra-kis-(E)-2,4-di-bromo-6-[[2-(pyridin-2-yl)eth-yl]imino-meth-yl]phen-olato)trizinc bis-(perchlorate) aceto-nitrile disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1380-1383	0.7	1
999	Crystal structure of the thalidomide analog (3a*,7a*)-2-(2,6-dioxopiperidin-3-yl)hexa-hydro-1-iso-indole-1,3(2)-dione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1595-1598	0.7	1
998	S-2-Aminophenyl phenylcarbamothioate. <i>IUCrData</i> , 2018 , 3,	0.7	2
997	4-Cyclohexyl-1-(2-methoxybenzoyl)thiosemicarbazide with an unknown solvent. <i>IUCrData</i> , 2018 , 3,	0.7	1
996	Synthesis and structure of an aryl-tellurenum(II) cation; [4--butyl-2,6-bis-(1-pentyl-1-benz-imidazol-2-yl)-phenyl-]tellurium(II) (1,4-dioxane)tri-iodido-mercurate(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 390-393	0.7	1
995	Synthesis and structure of an aryl-selenenium(II) cation, [CHNSe][Hg(SeCN)], based on a 5--butyl-1,3-bis-(1-pentyl-1-benzimidazol-2-yl)benzene scaffold. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 786-790	0.7	
994	{-[2-(Butyl-selan-yl)benz-yl]-,di-methyl-ethane-1,2-di-amine}-dichlorido-mercury(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1151-1154	0.7	
993	Crystal structure and thermal properties of bis-[β-(meth-oxy-carbonyl-hydrazinyl-idene)acetato-]bis-[di-aqua-(thio-cyanato-]manganese(II)] tetra-hydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1653-1657	0.7	

992	Synthesis, characterization and single crystal structures of chiral Schiff base and its tetranuclear palladium complex with PdOPd bridging and PdPd bonds. <i>Journal of Molecular Structure</i> , 2018 , 1156, 301-307	3.4	4
991	New Ru(II) complexes containing tris(2-pyridylmethyl)amine. Synthesis, structural, CT-DNA/albumin interaction, anti-oxidant and cytotoxicity studies. <i>Inorganica Chimica Acta</i> , 2018 , 471, 724-734	2.7	10
990	Crystal Structure of Mononuclear Non-Heme Nickel(II) Octahedral Complex: [Ni(bqenH ₂)(bpy)](ClO ₄) ₂ ·1.25H ₂ O. <i>Journal of Structural Chemistry</i> , 2018 , 59, 1168-1175	0.9	2
989	Redetermination and Density Functional Studies of N,N'-(Disulfanediyldibenzene-2,1-Diyl) Dipyridine-2-Carboxamide. <i>Journal of Structural Chemistry</i> , 2018 , 59, 1797-1803	0.9	2
988	The crystal structure of bis-[(0)-4-bromo-2-([2-(pyridin-2-yl)eth-yl]imino)-meth-yl]phenol[nickel(II) bis-[(0)-4-bromo-2-([2-(pyridin-2-yl)eth-yl]imino)-meth-yl]phenolato]nickel(II) bis(perchlorate) methanol monosolvate, a structure containing strong inter-species hydrogen bonds. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1121-1125	0.7	
987	Synthesis and Characterization of 22-, 28- and 32-Membered Mercuroazamacrocycles: Isolation of Ring-Chain Tautomer and Se/Te-Containing Macrocycles. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4702-4710	2.3	2
986	NCN Nickel(II) Pincer Complexes of 5-tert-Butyl-1,3-bis(N-substituted benzimidazol-2'-yl)benzenes: Solid and Solution State Behaviour. <i>ChemistrySelect</i> , 2018 , 3, 11970-11976	1.8	0
985	Reactivity of Selenocystine and Tellurocystine: Structure and Antioxidant Activity of the Derivatives. <i>Chemistry - A European Journal</i> , 2018 , 24, 17513-17522	4.8	17
984	Synthesis and characterization of selenium(I/II) and tellurium(IV) derivatives of amino acids. <i>Journal of Organometallic Chemistry</i> , 2018 , 876, 1-9	2.3	8
983	Metallophilic Mercuroazamacrocycles Derived from Bis{6-formyl-(2,3,4-trimethoxy)phenyl}mercury: Reactivity with d10 and d8 Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4093-4105	2.3	3
982	Metal Dependent Formation of Imidazolidine or Hemiaminal Ether Complexes from Multicomponent One-pot Reactions. <i>ChemistrySelect</i> , 2018 , 3, 9960-9964	1.8	
981	Synthesis and catalysis of hydrolysis of phosphate esters by Zn(II), Cu(II), and Ni(II) Schiff base complexes. <i>Inorganic Chemistry Communication</i> , 2018 , 97, 1-6	3.1	5
980	Theoretical and experimental investigations into structural, electronic, molecular and biological properties of 4-(3-chlorophenyl)-1-(3-chloropropyl) piperazin-1-ium chloride. <i>Journal of Molecular Structure</i> , 2018 , 1168, 242-249	3.4	15
979	Synthesis and structure of arylselenium(ii) and aryltellurium(ii) cations based on rigid 5-tert-butyl-1,3-bis-(N-pentylbenzimidazol-2'-yl)benzenes. <i>Dalton Transactions</i> , 2018 , 47, 9114-9127	4.3	7
978	Electrophilic addition/substitution of an alkynyl methyl ketone with tellurium tetrahalides: A novel synthetic approach to telluracyclopentenones. <i>Journal of Organometallic Chemistry</i> , 2017 , 832, 36-41	2.3	2
977	An insight into the communication between Eblefin/phenyl olefin-mediated acceptors and porphyrin Bsystem: a way to establish porphyrin based chemodosimeters and chemosensors. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 4530-4540	3.6	8
976	Syntheses, crystal structures, spectral and DFT studies of copper(II) and nickel(II) complexes with N'-(pyridine-2-ylmethylene)acetohydrazide. <i>Journal of Molecular Structure</i> , 2017 , 1136, 157-172	3.4	24
975	Classical hydrogen bonding and stacking of chelate rings in new copper(ii) complexes. <i>Dalton Transactions</i> , 2017 , 46, 2803-2820	4.3	33

- 974 An Efficient Synthetic Approach to trans-(NHC)2Pd(R)Br Type Complexes and Their Use in Suzuki-Miyaura Cross-Coupling Reactions. *European Journal of Inorganic Chemistry*, **2017**, 2017, 2144-2154 2.3 8
- 973 RE-p-halobenzoic acid-terpyridine complexes, Part II: structural diversity, supramolecular assembly, and luminescence properties in a series of p-bromobenzoic acid rare-earth hybrid materials. *CrystEngComm*, **2017**, 19, 1172-1189 3.3 19
- 972 Front Cover: Engineering Molecular Topology: A Pseudopeptidic Macrocyclic Figure-Eight Motif (Eur. J. Org. Chem. 7/2017). *European Journal of Organic Chemistry*, **2017**, 2017, 1099-1099 3.2 1
- 971 Structure of the mercury(II) mixed-halide (Br/Cl) complex of 2,2'-(5--butyl-1,3-phenyl-ene)bis-(1-pentyl-1-benzimidazole). *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 423-428 0.7 2
- 970 Dinuclear PdII/PtII complexes [M2(phosphine) (thio-ligand)3]Cl incorporating N,S-bridged pyridine-2-thiolate and benzimidazoline-2-thiolate. *Polyhedron*, **2017**, 127, 25-35 2.7 2
- 969 Synthesis and Reactivity of Selones and Dihaloselones: Complexation of Selones with d8- and d10-Metal Ions. *European Journal of Inorganic Chemistry*, **2017**, 2017, 2968-2979 2.3 12
- 968 Piperidin-1-ylamidomethyltellurium derivatives: Synthesis and solid state structures. *Inorganica Chimica Acta*, **2017**, 462, 209-214 2.7
- 967 Resolution, absolute configuration and antifilarial activity of coumarinyl amino alcohols. *Tetrahedron: Asymmetry*, **2017**, 28, 734-743 3
- 966 Synthesis, structural characterization, electrochemical studies and DFT calculations on nickel(II) complexes of N-picolinoyl-N'-benzothioylhydrazide and 5-(pyridine-4-yl)-2H-1,2,4-triazole-3-thione. *Transition Metal Chemistry*, **2017**, 42, 243-252 2.1 7
- 965 Nitro-, Azo-, and Amino Derivatives of Ebselen: Synthesis, Structure, and Cytoprotective Effects. *Journal of Organic Chemistry*, **2017**, 82, 313-321 4.2 19
- 964 Engineering Molecular Topology: A Pseudopeptidic Macrocyclic Figure-Eight Motif. *European Journal of Organic Chemistry*, **2017**, 2017, 1120-1124 3.2 5
- 963 New di-oxidovanadium(V) complexes with NNO donor Schiff bases: Synthesis, crystal structures and electrochemical studies. *Polyhedron*, **2017**, 133, 102-109 2.7 18
- 962 Trisubstituted Pushout Porphyrins: Synthesis and Structural, Photophysical, and Electrochemical Redox Properties. *European Journal of Inorganic Chemistry*, **2017**, 2017, 3269-3274 2.3 7
- 961 From Mixed-Valent Phenyltellurenyl Bromide Ph(Br2)TeTePh to the Isolation of [(C6H5)Te]19O24Br5]Br4. *Organometallics*, **2017**, 36, 2067-2071 3.8 7
- 960 Syntheses, single crystal structures, DFT and antioxidant superoxide dismutase studies of some new mono-/binuclear copper(II) complexes. *Polyhedron*, **2017**, 129, 164-181 2.7 19
- 959 A new cadmium(II) complex with bridging dithiolate ligand: Synthesis, crystal structure and antifungal activity study. *Journal of Molecular Structure*, **2017**, 1139, 395-399 3.4 12
- 958 First structurally characterized anion exchange product of novel cyclohexane containing substituted thio piperazinium chloride [C6H11S(CH2)3C4H9N2C6H5Cl (L1Cl)]: Synthesis, crystal structure and supramolecularity of (L1NO3). *Inorganic Chemistry Communication*, **2017**, 76, 8-11 3.1 10
- 957 Unusual coordination of mononuclear cobalt(III) complexes with sterically demanding Schiff bases: synthesis, spectroscopy, electrochemistry, crystallography, DNA binding, and theoretical investigation. *Journal of Coordination Chemistry*, **2017**, 70, 3147-3170 1.6 10

956	Theoretical investigation on molecular structure of a new mononuclear copper(II) thiocyanato complex with tridentate Schiff base ligand. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 3715-3726	1.6	5
955	Synthesis and structure of the mercury chloride complex of 2,2'-(2-bromo-5-butyl-1,3-phenylene)bis-(1-methyl-1-benzimidazole). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 341-344	0.7	5
954	Tris(μmethano-lato)-μxido-tris-[[(-)-4-chloro-2-[[2-(pyridin-2-yl)ethyl]imino]-meth-yl]pheno-lato]manganese(III) perchlorate-di-chloro-methane-diethyl ether (1/1.1/0.9). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1113-1116	0.7	4
953	(Aceto-nitrile)-aqua-[μ-bis-(pyridin-2-yl-methyl)ethane-1,2-di-amine-μ,μ']zinc(II) perchlorate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1568-1571	0.7	
952	Potent Anticancer Activity with High Selectivity of a Chiral Palladium N-Heterocyclic Carbene Complex. <i>ACS Omega</i> , 2017 , 2, 4632-4646	3.9	35
951	Chain-Breaking Phenolic 2,3-Dihydrobenzo[b]selenophene Antioxidants: Proximity Effects and Regeneration Studies. <i>Chemistry - A European Journal</i> , 2017 , 23, 15080-15088	4.8	7
950	Bis(selone) Complexes of Palladium(II), Platinum(II), and Gold(III): Synthesis and Structural Studies. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3720-3728	2.3	10
949	Synthesis, crystal structure and antimycobacterial activities of 4-indolyl-1,4-dihydropyridine derivatives possessing various ester groups. <i>Research on Chemical Intermediates</i> , 2017 , 43, 7471-7489	2.8	8
948	Cationic NCN Palladium(II) Pincer Complexes of 5-tert-Butyl-1,3-bis(N-substituted benzimidazol-2-yl)benzenes: Synthesis, Structure, and Pd...Pd Metallophilic Interaction. <i>Organometallics</i> , 2017 , 36, 4741-4752	3.8	12
947	Luminescent sulfonate coordination polymers: synthesis, structural analysis and selective sensing of nitroaromatic compounds. <i>CrystEngComm</i> , 2017 , 19, 7009-7020	3.3	21
946	Square planar Ni(II) complexes of acetone N4-phenyl-thiosemicarbazone and in situ generated benzoyl thiosemicarbazide ligands: synthesis, spectral and structural characterizations, thermal behaviour and electrochemical studies. <i>New Journal of Chemistry</i> , 2017 , 41, 15466-15474	3.6	3
945	Cation tautomerism, twinning and disorder in the triclinic and monoclinic forms of 4-amino-5-chloro-2,6-dimethylpyrimidinium 5-chloro-2-hydroxybenzoate and a new disordered refinement of 2-amino-4,6-dimethoxypyrimidin-1-ium thiophene-2-carboxylate. <i>Acta Crystallographica Section C: Structural Chemistry</i> , 2017 , 73, 212-219	0.8	3
944	Polymeric Cd(II), trinuclear and mononuclear Ni(II) complexes of 5-methyl-4-phenyl-1,2,4-triazole-3-thione: Synthesis, structural characterization, thermal behaviour, fluorescence properties and antibacterial activity. <i>Journal of Molecular Structure</i> , 2017 , 1130, 181-193	3.4	14
943	Synthesis, spectral characterization, and evaluation of antimicrobial activity of O,O'-alkanediyl S-(N-phthalimidomethyl) dithiophosphates and zinc bis(O,O'-alkanediyl) dithiophosphates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017 , 192, 300-306	1	3
942	Structure and antioxidant superoxide dismutase activity of copper(II) hydrazone complexes. <i>Polyhedron</i> , 2017 , 122, 1-15	2.7	41
941	Supramolecular interactions in carboxylate and sulfonate salts of 2,6-diamino-4-chloropyrimidinium. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 536-540	0.8	3
940	Bis(3,5-dimethoxy-2-[[2-(pyridin-2-yl)ethyl-imino]-μ-meth-yl]phenolato-μ-bis-(dimethyl sulfoxide)-manganese(III) perchlorate methanol 0.774-solvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1479-1482	0.7	1
939	Crystal structure of aqua-(perchlorato)bis-[[E]-2-[[2-(pyridin-2-yl)ethyl]imino]-meth-yl]phenolato-μ,μ']dicopper(II) perchlorate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1708-1711	0.7	2

938	2,6-[Bis(dimethylamino)methyl]phenylselenenyl chloride/bromide monohydrate. <i>IUCrData</i> , 2017 , 2,	0.7	5
937	3,3'-[(2-Bromo-1,3-phenylene)bis(methylene)]bis(1-butyl-2,3-dihydro-1H-imidazole-2-selone). <i>IUCrData</i> , 2017 , 2,	0.7	2
936	Crystal structure of tetra-aqua-bis-(pyrimidin-1-ium-4,6-diolato- λ -manganese(II)). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 620-622	0.7	
935	Structure of 2,2'-(5--butyl-1,3-phenyl-ene)bis-(1-pentyl-1-benzimidazol-3-ium) tetra-chlorido-mercurate(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 560-563	0.7	
934	Nanostructured thin film of iron tin oxide by aerosol assisted chemical vapour deposition using a new ferrocene containing heterobimetallic complex as single-source precursor. <i>European Journal of Chemistry</i> , 2017 , 8, 224-228	0.6	
933	Crystal structure of {2,6-bis-[(di-methyl-amino)-meth-yl]phenyl- λ }(bromido/chlorido)-mercury(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1679-1682	0.7	
932	Visible light-induced cytotoxicity of a dinuclear iron(III) complex of curcumin with low-micromolar IC50 value in cancer cells. <i>Inorganica Chimica Acta</i> , 2016 , 439, 8-17	2.7	31
931	Ag(I), Cu(II), Co(III) and Hg(II) complexes and metal-assisted products derived from 4-methyl-piperidine-carbodithioate: syntheses, structures, thermal analyses, redox behaviour and fluorescence properties. <i>RSC Advances</i> , 2016 , 6, 93867-93880	3.7	19
930	Benzothiazoline Converts SO2 to Sulfuric Acid en Route to Benzothiazole. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6517-6523	8.3	7
929	Unprecedented copper(II) mediated in situ formation of gem-diol binuclear complexes: a combined experimental and computational study. <i>RSC Advances</i> , 2016 , 6, 107379-107398	3.7	19
928	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
927	Transition metal mediated formation of dicationic diselenides stabilised by N-heterocyclic carbenes: designed synthesis. <i>Dalton Transactions</i> , 2016 , 45, 12015-27	4.3	13
926	Variable coordinating activity of sulfur in silver(I) complexes with thiophene based N1-substituted thiosemicarbazones: First case of thiopheneyl-thione sulfur bridging in a dinuclear complex. <i>Journal of Chemical Sciences</i> , 2016 , 128, 1103-1112	1.8	4
925	Synthesis, crystal structure, spectral characterization and photoluminescence property of three Cd(II) complexes with a pyrazole based Schiff-base ligand. <i>Journal of Molecular Structure</i> , 2016 , 1110, 11-18	3.4	15
924	Magnetic properties of 4,4'-bipiperidinediium tetrahalocuprates: crystal structures of 4,4'-bipiperidinediium tetrabromocuprate(II) monohydrate and bis(4,4'-bipiperidinediium) hexabromodicuprate(I). <i>Journal of Coordination Chemistry</i> , 2016 , 69, 57-71	1.6	4
923	Synthesis, Crystal Structures and DFT Calculations of Two New Phenol-Based Ester Derivatives. <i>Journal of Chemical Crystallography</i> , 2016 , 46, 93-104	0.5	7
922	Six-coordinate cadmium(II) complex containing a bridging dithiolate ligand: synthesis, crystal structure and antifungal activity study. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 168-175	1.6	8
921	Structural evidence of a ketimine as the product of an amino acid with an aldehyde. An intermediate in the racemization and transamination of amino acids. <i>Inorganic Chemistry Communication</i> , 2016 , 64, 35-38	3.1	4

920	Crystal structure of 4-amino-5-chloro-2,6-di-methyl-pyrimidinium thio-phenene-2,5-di-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1043-6	0.7	1
919	4-(3-Chlorophenyl)-1-(3-chloropropyl)piperazin-1-ium chloride redetermined at 100 K. <i>IUCrData</i> , 2016 , 1,	0.7	8
918	Synthesis, structural characterization and myorelaxant activity of 4-naphthylhexahydroquinoline derivatives containing different ester groups. <i>Journal of the Serbian Chemical Society</i> , 2016 , 81, 729-738	0.9	9
917	Synthesis, characterization, electrochemical studies and X-ray structures of mixed-ligand polypyridyl copper(II) complexes with the acetate. <i>Journal of the Serbian Chemical Society</i> , 2016 , 81, 1251-1262 ³	0.9	3
916	Crystal structures of 4-methyl-2-oxo-2H-chromene-7,8-diyl di-acetate and 4-methyl-2-oxo-2H-chromene-7,8-diyl bis-(pent-4-ynoate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 704-8	0.7	0
915	Poly[α -aqua-aqua-[β -N-butyl-N-(2-hydroxy-ethyl)di-thio-carbamato-[β O,O':S]sodium]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 196-8	0.7	2
914	Synthesis, crystal structure and DFT calculations of octahedral nickel(II) complexes derived from N ⁺ -[(E)-phenyl(pyridin-2-yl)methylidene]benzohydrazide. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 2377-2390	1.6	17
913	Synthesis, Structure, and Bonding of 1-Oxa-6,6a[4]- chalcogenopentalenes and Related Derivatives; The Role of Intramolecular Coordination. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3214-26	4.2	15
912	Polymeric, dimeric and monomeric Mn(II) complexes derived from [N ⁺ -(pyridine-4-carbonyl)-hydrazine]-carbodithioic acid methyl ester and 1-isonicotinoyl-4-phenyl-3-thiosemicarbazide: Syntheses, crystal structure and thermal analysis. <i>Polyhedron</i> , 2016 , 112, 67-77	2.7	7
911	Selone-stabilized aryltellurenyl cations. <i>Dalton Transactions</i> , 2016 , 45, 8458-67	4.3	10
910	Synthesis and characterization of two Cu(II) complexes with a new pyrazole-based Schiff base ligand: crystallography, DNA interaction and antimicrobial activity of Ni(II) and Cu(II) complexes. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 1618-1634	1.6	12
909	Multicomponent One-pot Reactions Towards the Synthesis of Stereoisomers of Dipicolylamine Complexes. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 128-35	4.5	9
908	A facile approach towards synthesis, characterization, single crystal structure, and DFT study of 5-bromosalicylalcohol. <i>Crystallography Reports</i> , 2016 , 61, 234-238	0.6	1
907	Synthesis, structure and reactivity of β -chalcocyclohexenals: Dichalcogenides and chalcogenides. <i>Journal of Organometallic Chemistry</i> , 2016 , 814, 42-56	2.3	5
906	Synthesis, characterization, crystal structure and DFT study of a dinuclear zinc(II) macrocyclic complex. <i>Polyhedron</i> , 2016 , 119, 98-105	2.7	5
905	Anomalous behaviour of the bis(benzimidazolium)butane [2]pseudorotaxanes of dibenzo-24-crown-8: a comparative study of methane, ethane, propane and butane bis(benzimidazolium)alkane[dibenzo-24-crown-8 systems with variable spacers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 81, 321-340	1.7	2
904	Supramolecular architecture and photophysical and biological properties of ruthenium(II) polypyridyl complexes. <i>New Journal of Chemistry</i> , 2015 , 39, 3646-3657	3.6	15
903	Syntheses, structural and thermal studies on Zn(II) complexes of 5-aryl-1,3,4-oxadiazole-2-thione and dithiocarbamates: Antibacterial activity and DFT calculations. <i>Polyhedron</i> , 2015 , 98, 84-95	2.7	31

902	Effect of a Bromo Substituent on the Glutathione Peroxidase Activity of a Pyridoxine-like Diselenide. <i>Journal of Organic Chemistry</i> , 2015 , 80, 7385-95	4.2	23
901	Cd(II) complexation with 1,1-dithiolate and nitrogen donors: synthesis, luminescence, crystal structure, and antifungal activity study. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 1423-1432	1.6	8
900	Crystal structure of (2E)-2-meth-oxy-imino-2-{2-[(2-methyl-phen-oxy)meth-yl]phen-yl}-N'-(4-nitro-benzyl-idene)ethano-hydrazide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 377-9		0
899	Crystal structure of (E)-2-[[[6-meth-oxy-1,3-benzo-thia-zol-2-yl]imino]-meth-yl]phenol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 385-7	0.7	1
898	Synthesis, spectral and structural characterization of cobalt(III) dithiocarbamate complexes: Catalytic application for the solvent free enamination reaction. <i>Polyhedron</i> , 2015 , 102, 375-385	2.7	13
897	Metal derivatives of N-substituted imidazolidine-2-thiones with d10 metal ions (ZnHg): Synthesis, spectroscopy, ESI-mass and structures. <i>Polyhedron</i> , 2015 , 87, 17-27	2.7	8
896	Role of 4,4'-bipyridine versus longer spacers 4,4'-azobipyridine, 1,2-bis(4-pyridyl)ethylene, and 1,2-bis(pyridin-3-ylmethylene)hydrazine in the formation of thermally labile metallophosphate coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 55-66	6.8	6
895	Palladium complexes of 2-formylpyridine thiosemicarbazone and two related ligands: Synthesis, structure and, spectral and catalytic properties. <i>Inorganica Chimica Acta</i> , 2015 , 425, 67-75	2.7	30
894	Co(II), Cu(II), Mn(II) and Ni(II) complexes of maleic hydrazide. <i>Inorganica Chimica Acta</i> , 2015 , 425, 247-254	2.7	5
893	Crystal structure of a mono-bridged calix[4]arene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 772-5	0.7	1
892	Synthesis, Structure and Antioxidant Activity of Cyclohexene-Fused Selenuranes and Related Derivatives. <i>Molecules</i> , 2015 , 20, 12670-85	4.8	13
891	The influence of benzaldehyde-N-alkyl-thiosemicarbazones on the synthesis of gold(I) ionic complexes: Spectroscopy, ESI-mass, structures and variable H-bonded polymeric networks. <i>Polyhedron</i> , 2015 , 91, 89-97	2.7	6
890	Cu(II), Zn(II) and Mn(II) complexes of NNS tridentate and Pd(II) complex of NN(E5) tetradentate thiobenzyl esters: Synthesis, spectral and X-ray characterization. <i>Polyhedron</i> , 2015 , 97, 215-226	2.7	2
889	Role of N-Donor Sterics on the Coordination Environment and Dimensionality of Uranyl Thiophenedicarboxylate Coordination Polymers. <i>Crystal Growth and Design</i> , 2015 , 15, 3481-3492	3.5	35
888	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
887	Electrophilic substitution of acetyltrimethylsilane with tellurium(IV) halides: A synthetic route to 3-methyl-5-(trimethylsilyl)-1,2-oxatelluro-1-ium halides. <i>Journal of Organometallic Chemistry</i> , 2015 , 791, 119-123	2.3	3
886	Hydrotelluration of acetylenic esters: structural characterization of stereoisomers of methyl/ethyl E(aryltelluro)acrylates. <i>RSC Advances</i> , 2015 , 5, 58246-58254	3.7	2
885	Crystal structure of {6,6'-dibenzoyl-4,4'-di-tert-butyl-2,2'-[(ethane-1,2-di-yl)di-nitrilo-bis-(phenyl-methanylyl-idene)]diphenolato-κ(4)O(1),N,N',O(1'')}nickel(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 1485-7	0.7	1

884	Mn(II), Ni(II), Cu(II), Zn(II), Cd(II), Hg(II) and Co(II) complexes of 1-phenyl-1H-tetrazole-5-thiol: Synthesis, spectral, structural characterization and thermal studies. <i>Polyhedron</i> , 2015 , 88, 208-221	2.7	29
883	N-(naphthyl)-N'-(methoxy carbonyl)thiocarbamide and its Cu(I) complex: synthesis, spectroscopic, X-ray, DFT and in vitro cytotoxicity study. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 261-276	1.6	13
882	An unusual hydroxy-substituted mononuclear nickel(II) complex with a tetradentate Schiff base: Synthesis, spectroscopy, electrochemistry, crystallography, DNA binding, and theoretical investigation. <i>Polyhedron</i> , 2015 , 89, 219-231	2.7	12
881	Crystal structure of 2-amino-4,6-di-meth-oxy-pyrimidinium thio-phene-2-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o479-80	0.7	6
880	Uranyl Coordination Polymers Incorporating Γ -Cyclopentadienyliron-Functionalized Γ -Phthalate Metalloligands: Syntheses, Structures and Photophysical Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 128-136	3.2	22
879	Heterocyclic-2-thione Derivatives of Silver(I): The Methyl Substituent at N1 atom of a Imidazoline-2-thione/Imidazolidine-2-thione Alters a Dimer $[\text{Ag}_2(\text{HL})_4(\text{PPh}_3)_2](\text{NO}_3)_2$ into a Monomer $[\text{Ag}(\text{HL})_2(\text{PPh}_3)](\text{NO}_3)$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1688-1695	1.3	9
878	Experimental and computational study on 2,2'-[(1E,2E)-hydrazine-1,2-diylidenedi(1E)eth-1-yl-1-ylidene]diphenol and its Ni(II), Pt(II), Pd(II) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 130, 198-207	4.4	4
877	Growth of semiconducting iron sulfide thin films by chemical vapor deposition from air-stable single-source metal organic precursor for photovoltaic application. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 1693-1701	1.6	9
876	Cu(II) conjugation along the transformation of a vitamin K3 derivative to a dinaphthoquinone methide radical. <i>New Journal of Chemistry</i> , 2014 , 38, 277-284	3.6	
875	Synthesis, Characterization and Crystal Structure of Thiadiazoles Derived from Aroylthiourea. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 115-122	0.5	1
874	Synthesis, characterization, X-ray crystallography and antimicrobial activities of new Co(III) and Cu(II) complexes with a pyrazole based Schiff base ligand. <i>Polyhedron</i> , 2014 , 68, 122-130	2.7	21
873	4-Hydroxy-5-methoxy-N,1-dimethyl-2-oxo-N-[4-(tri-fluoro-meth-yl)phen-yl]-1,2-di-hydro-quinoline-3-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o297-8		
872	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
871	Isolation and structures of some selenium and tellurium derivatives of 1, 4, 5, 8, 9, 12-hexabromododecahydrotriphenylene as co-crystals of triphenylene. <i>Journal of Chemical Sciences</i> , 2014 , 126, 1311-1321	1.8	5
870	Synthesis, crystal structure, and antifungal activity of a newly synthesized polymeric mixed ligand complex of Zn(II) with 1,1-dithiolate and nitrogen donors. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3613-3620	1.6	4
869	Coordination variability of CuI in multidonor heterocyclic thioamides: synthesis, crystal structures, luminescent properties and ESI-mass studies of complexes. <i>RSC Advances</i> , 2014 , 4, 30511	3.7	20
868	Oxalato-Bridged Neutral Octanuclear Heterometallic Complexes $[\text{Ln}_4\text{K}_4(\text{L})_4(\text{H}_2\text{O})_4(\text{NO}_3)_2(\text{EOx})]$ (Ln = Dy(III), Gd(III), Tb(III), Ho(III); LH3 = N[CH ₂ CH ₂ N(CH ₂ C ₆ H ₃ -2-OH-3-OMe)] ₃ ; Ox = (C ₂ O ₄) ²⁻) Synthesis, Structure, Magnetic and Luminescent Properties. <i>Crystal Growth and Design</i> , 2014 , 14, 4583-4592	3.5	13
867	Polymeric and cyclic manganese phosphates and phosphinates: Synthesis, spectral characterization and solid-state structures. <i>Inorganica Chimica Acta</i> , 2014 , 414, 264-273	2.7	11

866	Crystal Structures of the Complexes of Zn(II), Cd(II), and Hg(II) with 1,2,5-Selenadiazolopyridine: Ligation of N vs Se ?. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2014 , 84, 269-280	0.9	2
865	Auxiliary ligand-aided tuning of aggregation of transition metal benzoates: isolation of four different types of coordination polymers. <i>CrystEngComm</i> , 2014 , 16, 8429-8441	3.3	10
864	Microwave-assisted synthesis and myorelaxant activity of 9-indolyl-1,8-acridinedione derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014 , 75, 258-66	6.8	12
863	Synthesis, structure and supramolecular features of cobalt(III) and cobalt(II) complexes, [CoH _x L](ClO ₄) _y (x = y = 3, 2, 1.50, 1.45, 1 and 0 and x = 3, y = 2) of a triprotic imidazole containing Schiff base ligand. Effect of protonation state on supramolecular structure. <i>Inorganica Chimica Acta</i> , 2014 , 410, 171-177	2.7	9
862	Correlation of nitrogen chirality, R or S, with metal chelate chirality, Δ or Λ in a series of reduced tripodal Schiff base complexes. A route to total spontaneous resolution. <i>Inorganica Chimica Acta</i> , 2014 , 410, 171-177	2.7	12
861	Synthesis, structure and supramolecular features of homonuclear iron(III) and heteronuclear iron(III)–cobalt(III) complexes, [Fe ₃ L][ML](ClO ₄) ₃ (M = Fe(III) or Co(III)). 2D sheet and tetrahedral arrays. <i>Inorganica Chimica Acta</i> , 2014 , 421, 100-109	2.7	8
860	Synthesis, Crystal Structures and DFT Molecular Orbital Surface Calculations of Two New Salts of a Piperazine Derivative. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 534-541	0.5	1
859	Ether formation on the tridentate Schiff base ligands of copper(II) complexes. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 684-698	1.6	4
858	2-Chloro-N-(2-chloro-benzo-yl)-N-(2-ethyl-4-oxo-3,4-di-hydro-quinazolin-3-yl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o503-4		
857	Bis[(2-methyl-benz-yl)bis-(pyridin-2-ylmethyl- κ)amine- κ]manganese(II) bis-(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, m100-1		1
856	Crystal structure of 4-bromo-N-(2-bromo-3-nitro-benz-yl)-2-nitro-naphthalen-1-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o960-1		
855	Three closely-related cyclohexanols (C ₃₅ H ₂₇ X ₂ N ₃ O ₃ ; X = F, Cl or Br): similar molecular structures but different crystal structures. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 953-9	0.8	4
854	N-(3-Chloro-1,4-dioxo-1,4-di-hydro-naph-thalen-2-yl)-N-propionylpropionamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o102		
853	1,3,5-Tri-p-tolyl-pentane-1,5-diol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o122-3		1
852	Tri-phenyl-tellurium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o421-2		5
851	Di-aqua-bis-(nicotinamide- κ (1))bis-(thio-cyanato- κ)nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, m183		
850	Crystal structure of (N (1)-benzyl-N (1),N (2),N (2)-tri-methyl-ethane-1,2-di-amine- κ (2) N,N')di-chloridomercury(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, 118-20		4
849	Crystal structure of (5R)-5-[(1S)-1,2-di-hydroxy-eth-yl]-4-meth-oxy-3-phenyl-2,5-di-hydro-furan-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o1141-2		

- 848 Di-aqua-bis-(2-ethyl-5-methyl-imidazole-4-sulfonato- λ^2 N (3),O)nickel(II) dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, m18-9 1
- 847 1-Aza-niumyl-cyclo-butane-1-carboxyl-ate monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o217-8
- 846 2-(Naphthalen-1-yl)-1-phenyl-1H-benzimidazole benzene hemisolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o55-6 1
- 845 Poly[tetrakis(η^1 ,1,1,3,3,3-hexafluoropropan-2-olato)iron(II)dipotassium]. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, m32-3 1
- 844 Tris(2,6-dibenzoyl-4-methyl-phenolato- λ^2 O (1),O (2))cobalt(III). *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, m67-8
- 843 Bis(η^5 -penta-methyl-cyclo-penta-dien-yl)aluminium tetra-bromido-aluminate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, m88-9
- 842 (E)-2-[(Furan-2-ylmeth-yl)imino]-meth-yl]-4-nitro-phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o451-2 2
- 841 (E)-2-[4-(Di-methyl-amino)-benzyl-idene]amino]-5-nitro-phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o598-9 2
- 840 4-(Furan-2-carbon-yl)piperazin-1-ium 3,5-di-nitro-benzoate. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o700-1 1
- 839 2-Bromo-5-tert-butyl-N-methyl-N-[2-(methyl-amino)-phen-yl]-3-(1-methyl-1H-benzimidazol-2-yl)benzamide. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o822-3
- 838 Crystal structure of N (1)-benzyl-N (1),N (2),N (2)-tri-methyl-ethane-1,2-diaminium dichloride. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o911-2
- 837 Crystal structure of anhydrous poly[bis(λ^2 -sarcosinato- λ^3 O,N:O')copper(II)]. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, 207-9 1
- 836 Crystal structures of 2-meth-oxy-isoindoline-1,3-dione, 1,3-dioxoisoindolin-2-yl methyl carbonate and 1,3-dioxo-2,3-di-hydro-1H-benzo[de]isoquinolin-2-yl methyl carbonate: three anti-convulsant compounds. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, 456-61
- 835 Binary conjugate Brønsted-Lewis acid supported on mesoporous silica nanoparticles for the domino addition/elimination/addition and addition/elimination/addition/cyclization cascade. *Catalysis Communications*, **2014**, 43, 173-178 3.2 20
- 834 p-tert-Butylcalix[8]arene catalysed synthesis of 3,5-dinitrothiophene scaffolds: antiproliferative effect of some representative compounds on selective anticancer cell lines. *Tetrahedron Letters*, **2014**, 55, 996-1001 2 8
- 833 Synthesis, X-ray structure, electrochemical behaviour and fluorescence studies of mononuclear dioxouranium complexes with oxygen donor ligands. *Polyhedron*, **2014**, 71, 34-41 2.7 4
- 832 Synthesis and Crystal Structures of Four New Dihydropyridine Derivatives. *Journal of Chemical Crystallography*, **2013**, 43, 429-442 0.5 1
- 831 DNA binding/cleavage, antioxidant and cytotoxic activities of water soluble cobalt(II) and copper(II) antipyrine complexes. *Inorganica Chimica Acta*, **2013**, 406, 44-52 2.7 25

830	Mixed-ligand 1,3-diaryltriazene complexes of ruthenium: Synthesis, structure and catalytic properties. <i>Inorganica Chimica Acta</i> , 2013 , 406, 20-26	2.7	9
829	Calixarene-based molecular capsule from olefin metathesis. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1001-2		3
828	Synthesis of Selenium Ions: Isolation of Highly Conjugated, pH-Sensitive 4,4'-Bis(methylimino)-1,1'-binaphthylene-5-diselenium(II) Triflate. <i>Organometallics</i> , 2013 , 32, 7275-7282	2.8	11
827	Square planar Ni(II) complexes of pyridine-4-carbonyl-hydrazine carbodithioate, 1-phenyl-3-pyridin-2-yl-isothiourea and 4-(2-methoxyphenyl)piperazine-1-carbodithioate involving N π S bonding: An approach to DFT calculation and thermal studies. <i>Polyhedron</i> , 2013 , 63, 156-166	2.7	19
826	Synthesis and structural aspects of 1-naphthyltellurium(IV) trichloride (1), bis(mesityl)tellurium(IV) dichloride (2) and bis(chlorobis(2-thiophenyl)tellurium)oxide (3). <i>Polyhedron</i> , 2013 , 62, 227-233	2.7	8
825	Alkoxy-carbonylmethyl derivatives of tellurium: Facile synthesis and structural studies. <i>Journal of Organometallic Chemistry</i> , 2013 , 728, 38-43	2.3	7
824	Pseudohalide-Controlled Assemblies of Copper Schiff Base Complexes with an Encapsulated Sodium Ion: Synthesis, Crystal Structure, and Computational Studies. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 527-536	2.3	18
823	Synthesis, crystal structure and DFT analysis of a phenoxo bridged Cu(II) complex and an azide and B-O mixed bridged trinuclear Cu(II) complex. <i>Polyhedron</i> , 2013 , 50, 51-58	2.7	13
822	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. <i>European Journal of Medicinal Chemistry</i> , 2013 , 64, 81-9	6.8	61
821	Metal derivatives of N1-substituted thiosemicarbazones: Synthesis, structures and spectroscopy of nickel(II) and cobalt(III) complexes. <i>Inorganica Chimica Acta</i> , 2013 , 394, 605-615	2.7	20
820	Structural and spectral speciation on methyl 2-(3-(furan-2-carbonyl)thioureido)benzoate: A comparative experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2013 , 1048, 500-509	3.4	8
819	Four novel coordination polymers of transition metals built using a semi rigid oxygen donor ligand: Crystal structures, novel topology and emission studies. <i>Polyhedron</i> , 2013 , 50, 169-178	2.7	20
818	An unusual half-open cubane-like tetranuclear copper(II) complex supported by both alkoxo and β -hydroxo bridges: Structure, magnetic properties, EPR and DFT studies. <i>Polyhedron</i> , 2013 , 53, 269-277	2.7	11
817	A new application of rhodanine as a green sulfur transferring agent for a clean functional group interconversion of amide to thioamide using reusable MCM-41 mesoporous silica. <i>Tetrahedron Letters</i> , 2013 , 54, 2164-2170	2	25
816	Hg(II) complexes of 4-phenyl-5-(3-pyridyl)-1,2,4-triazole-3-thione and 5-(4-pyridyl)-1,3,4-oxadiazole-2-thione and a Ni(II) complex of 5-(thiophen-2-yl)-1,3,4-oxadiazole-2-thione: Synthesis and X-ray structural studies. <i>Polyhedron</i> , 2013 , 50, 582-591	2.7	13
815	Characterization of HgCl ₂ Tridentate Amine Complexes by X-ray Crystallography, NMR and ESI-MS. <i>Journal of Chemical Crystallography</i> , 2013 , 43, 108-115	0.5	5
814	Electrophilic substitution reactions of 2-acetylpyridine, 2-acetylpyrrole & cyclohexanone: Isolation and molecular structures of novel organotellurium(IV) chlorides. <i>Journal of Organometallic Chemistry</i> , 2013 , 731, 49-54	2.3	7
813	Synthesis, spectral and single crystal X-ray diffraction studies on Co(II), Ni(II), Cu(II) and Zn(II) complexes with o-amino acetophenone benzoyl hydrazone. <i>Polyhedron</i> , 2013 , 56, 71-81	2.7	23

812	A CSD analysis on H-bond patterns from phosphoric triamides to their coordination compounds, new complexes with (tBuNH) ₃ PO ligand (PO): Cl ₂ Ph ₂ Sn(PO) ₂ and Fe(PO) ₂ (NO ₃) ₃ . <i>Structural Chemistry</i> , 2013 , 24, 1135-1144	1.8	7
811	Synthesis, X-ray Crystal Structures, and Spectroscopic, Electrochemical, and Theoretical Studies of Mn(III) Complexes of Pyridoxal Schiff Bases with Two Diamines. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3249-3260	2.3	8
810	Synthesis, DNA binding, antioxidant and cytotoxic activities of ruthenium(II) complexes of a Schiff base ligand. <i>Transition Metal Chemistry</i> , 2013 , 38, 291-298	2.1	5
809	The Effect of C-2 Substituents of Salicylaldehyde-Based Thiosemicarbazones on the Synthesis, Spectroscopy, Structures, and Fluorescence of Nickel(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3557-3566	2.3	18
808	DNA interaction and cytotoxicity studies of ruthenium(III) complexes containing 3-(benzothiazol-2-yliminomethyl)-naphthalen-2-ol ligand. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 580-591	1.6	12
807	Oxidation of Carbene-Derived Selenium Diiodide with Silver Tetrafluoroborate [Isolation of Iodonium Ion Complexes with Selones. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2161-2166	2.3	7
806	Redox Reaction between Main-Group Elements (Te, Sn, Bi) and N-Heterocyclic-Carbene-Derived Selenium Halides: A Facile Method for the Preparation of Monomeric Halides. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5344-5357	2.3	18
805	Tellurium derivatives of 3-acetyl-2,5-dimethylthiophene: Synthetic and structural aspects. <i>Journal of Organometallic Chemistry</i> , 2013 , 728, 44-51	2.3	8
804	Microwave-assisted synthesis and spasmolytic activity of 4-indolylhexahydroquinoline derivatives. <i>Drug Research</i> , 2013 , 63, 579-85	1.8	4
803	Amicarbazone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o603		1
802	Cinnarizinium bis-(p-toluene-sulfonate) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o485-6		4
801	Chemistry of Heterocyclic 2-Thiones: In Situ Generation of 3-(2-Thiazolin-2-yl)thiazolidine-2-thione and 1,1?-Dimethyl-2,2?-diimidazolyl Sulfide and Their Coordination to CuI and CuII. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5161-5170	2.3	17
800	2-(2,4-Dichloro-phen-yl)-N-(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o39		8
799	3-[1-(4-Bromo-phen-yl)eth-oxy]-2,2,5-trimethyl-4-phenyl-3-aza-hexa-ne. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1792-3		1
798	Bosentan monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o12-3		8
797	2-(Phenyl-selenon-yl)pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1791		1
796	[meso-5,10,15,20-Tetra-kis(3-methyl-thio-phen-2-yl)porphyrinato-(4 N,N',N'',N''')]nickel(II) benzene hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m652-3		
795	2-(2,4-Di-chloro-phen-yl)-N-(1,3-thia-zol-2-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o656-7		2

- 794 10-Methyl-2-oxo-4-phenyl-2,11-di-hydro-pyrano[2,3-a]carbazole-3-carbo-nitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o831
- 793 (E)-2-[(Furan-2-yl)methyl-idene]-7-methyl-2,3,4,9-tetra-hydro-1H-carbazol-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o150 1
- 792 7-Methyl-1-phenyl-1,10-di-hydro-pyrazolo-[3,4-a]carbazole. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o801
- 791 1-(2-Furo-yl)-3-(2-meth-oxy-4-nitro-phen-yl)thio-urea. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o330-1
- 790 2-(3,4-Dichloro-phen-yl)-N-(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)acetamide. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o402-3 3
- 789 2-(1-Phenyl-1H-benzimidazol-2-yl)phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o62 5
- 788 4-Hy-droxy-N-methyl-benzamide. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o738
- 787 Synthesis and characterization of novel unsymmetrical and symmetrical 3-halo- or 3-methoxy-substituted 2-dibenzoylamino-1,4-naphthoquinone derivatives. *Molecules*, **2013**, 18, 1973-84^{4,8} 10
- 786 Desvenlafaxinium chloranilate ethyl acetate solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1556-7
- 785 Ethyl 2,7,7-trimethyl-4-(1-methyl-1H-indol-3-yl)-5-oxo-1,4,5,6,7,8-hexa-hydro-quinoline-3-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o40-1 3
- 784 2,2,7,7-Tetra-methyl-1,2,3,4,5,6,7,8-octa-hydro-acridine-1,8-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o88-9 1
- 783 2-(2,6-Dichloro-phen-yl)-N-(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)acetamide. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o46-7 7
- 782 Cinnarizinium fumarate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o142-3 3
- 781 (Z)-4-[2-(2,4-Dimethyl-phen-yl)hydrazinyl-idene]-3-methyl-pyrazol-5(1H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o532 1
- 780 N-Butanoyl-N-(3-chloro-1,4-dioxonaph-thalen-2-yl)butanamide. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1230 1
- 779 Isovaline monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1829-30 4
- 778 Ethyl 6-(4-chloro-phen-yl)-4-(4-fluoro-phen-yl)-2-oxo-cyclo-hex-3-ene-1-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1839-40 3
- 777 2-Methyl-aspartic acid monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1856-7 2

776	catena-Poly[[[O,O'-bis-(2-methyl-phen-yl) dithio-phosphato-(μ 2) S,S]lead(II)]-EO,O'-bis-(2-methyl-phen-yl) dithio-phosphato-(μ 3) S,S':S]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m29-30		
775	9-[3-(Dimethyl-amino)-prop-yl]-10,10-dimethyl-9,10-dihydro-anthracen-9-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o175		
774	Methyl 2-bromo-3-(4-chloro-benzene-sulfonamido)-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o311		
773	3,3'-(1-Oxopropane-1,3-di-yl)bis-(1,3-thia-zolidine-2-thione) chloro-benzene hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o375		
772	Methyl 2-[2-[(2-methyl-phen-oxy)meth-yl]phen-yl]-2-oxoacetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o671		
771	1,5-Bis(4-chloro-phen-yl)-3-(4-methyl-phen-yl)pentane-1,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1508-9		1
770	Nitrothienylporphyrins: Synthesis, crystal structure and, the effect of position and number of nitro groups on the spectral and electrochemical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 87, 258-64	4.4	18
769	Studies on synthesis, characterization, DNA interaction and cytotoxicity of ruthenium(II) Schiff base complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 94, 210-5	4.4	23
768	Intramolecular C-C coupling of 2,6-disubstituted-1-bromoaryls for dihydrophenanthridines. <i>Tetrahedron Letters</i> , 2012 , 53, 4591-4594	2	7
767	Oxovanadium(V) complexes incorporating tridentate aroylhydrazonoximes: Synthesis, characterizations and antibacterial activity. <i>Polyhedron</i> , 2012 , 31, 524-529	2.7	50
766	Synthesis of anionic hypervalent cyclic selenenate esters: relevance to the hypervalent intermediates in nucleophilic substitution reactions at the selenium(II) center. <i>Chemistry - A European Journal</i> , 2012 , 18, 1444-57	4.8	15
765	Synthesis, characterization, DNA binding and cleavage properties and anticancer studies of ruthenium(III) Schiff base complexes. <i>Transition Metal Chemistry</i> , 2012 , 37, 169-174	2.1	8
764	Ordering of the Water Molecule in the Crystal Structure of 2-[3-Methyl-4-(2,2,2-Trifluoroethoxy)-2-Pyridinyl]Methylthio-1H-Benzimidazole Hydrate (Lansoprazole Sulphide Hydrate). <i>Journal of Chemical Crystallography</i> , 2012 , 42, 245-250	0.5	3
763	The 1,8-Bis(2'-pyridyl)-3,6-dithiaoctane Complex of Rhodium(III). <i>Journal of Chemical Crystallography</i> , 2012 , 42, 295-298	0.5	6
762	Selenadiazolopyridine: a synthon for supramolecular assembly and complexes with metallophilic interactions. <i>Inorganic Chemistry</i> , 2012 , 51, 8128-40	5.1	21
761	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
760	Coinage (Cu, Ag) metal derivatives of salicylaldehyde N-ethylthiosemicarbazone: synthesis, spectroscopy, and structures. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 1750-1764	1.6	5
759	Syntheses of phenoxo-bridged Zn(II) and metallamacrocyclic Hg(II) complexes of organochalcogen (Se, Te) substituted Schiff-bases: structure and DNA-binding studies of Zn(II) complexes. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 28-47	1.6	14

- 758 Synthesis, crystal structure, supramolecular associations and third-order non-linear optical (NLO) properties of some organotellurium (IV) derivatives. *Polyhedron*, **2012**, 42, 36-42 2.7 4
- 757 Synthesis, crystal structure, DFT and spectroscopic studies of mononuclear chromium(III) complex with bidentate ligand. *Polyhedron*, **2012**, 43, 8-14 2.7 7
- 756 Dicopper(II) complexes of a tridentate pyrimidine derived Schiff base ligand: Syntheses, crystal structures and catalytic reactions. *Polyhedron*, **2012**, 46, 74-80 2.7 12
- 755 Zinc titanate nanopowder: an advanced nanotechnology based recyclable heterogeneous catalyst for the one-pot selective synthesis of self-aggregated low-molecular mass acceptor-donor-acceptor systems and acceptor-donor-acceptor triads. *Green Chemistry*, **2012**, 14, 1037-1041 10 30
- 754 Thiosemicarbazones of palladium(II): The presence of methyl/phenyl substituents (R₂) at C2 carbon atom induces C-H activation of R₁ rings of thiosemicarbazones {R₁R₂C₂N₃N₂H₁(S)N₁H₃}. *Journal of Organometallic Chemistry*, **2012**, 701, 17-26 2.3 34
- 753 Facile synthesis of benzimidazolin-2-chalcogenones: Nature of the carbon-chalcogen bond. *Journal of Organometallic Chemistry*, **2012**, 717, 61-74 2.3 24
- 752 Metal Derivatives of Thiosemicarbazones: Crystal and Molecular Structures of Mono- and Dinuclear Copper(II) Complexes with N1-Substituted Salicylaldehyde Thiosemicarbazones. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2012**, 638, 1861-1867 1.3 11
- 751 Isolation and molecular structures of novel organotellurium(IV) halides, oxyhalide and mixed halide. *Dalton Transactions*, **2012**, 41, 10707-14 4.3 13
- 750 2-Benzoylpyridine thiosemicarbazone as a novel reagent for the single pot synthesis of dinuclear Cu(I)-Cu(II) complexes: formation of stable copper(II)-iodide bonds. *Dalton Transactions*, **2012**, 41, 4845-513 4.3 18
- 749 Synthesis and Glutathione Peroxidase-like activity of N-heterocyclic carbene derived cationic diselenides. *Tetrahedron*, **2012**, 68, 10561-10566 2.4 19
- 748 Mixed-ligand nickel(II) and copper(II) complexes of tridentate ONS and NNS ligands derived from S-alkyldithiocarbazates with the saccharinate ion as a co-ligand. *Polyhedron*, **2012**, 48, 167-173 2.7 24
- 747 Synthesis, characterization, DNA interaction and in vitro cytotoxicity activities of ruthenium(II) Schiff base complexes. *Journal of Molecular Structure*, **2012**, 1030, 95-103 3.4 28
- 746 Synthesis of One- and Two-Dimensional Coordination Polymers Containing Organotin Macrocycles. Reactions of (n-Bu₃Sn)₂O with Pyridine Dicarboxylic Acids. Structure-Directing Role of the Ancillary 4,4'-Bipyridine Ligand. *Crystal Growth and Design*, **2012**, 12, 3285-3295 3.5 58
- 745 Synthesis, characterization and phosphotriesterase mimetic activity of some Zn(II) and Cu(II) complexes. *Journal of Chemical Sciences*, **2012**, 124, 1301-1313 1.8 2
- 744 A co-crystal of 3-(3,5-dinitro-benzo-yl)-1,1-dimethyl-thio-urea and N,N-dimethyl-3,5-dinitro-benzamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3108
- 743 Crystal and Molecular Structure Studies of Ethyl 4-(4-Hydroxyphenyl)-6-(6-methoxy-2-naphthyl)-2-oxocyclohex-3-ene-1-carboxylate and Ethyl 4-(3-Bromophenyl)-6-(6-methoxy-2-naphthyl)-2-oxocyclohex-3-ene-1-carboxylate. *Crystals*, **2012**, 2, 1239-1247 2.3
- 742 Metal Derivatives of Heterocyclic-2-thiones: Crystal Structures of [Bis(diphenylphosphanyl)propane][bis(pyrimidine-2-thiolato)]ruthenium(II) and [Bis(diphenylphosphanyl)methane][bis(pyridine-2-thiolato)]ruthenium(II). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2012**, 638, 195-200 1.3 5
- 741 Pyrrole-2-carbaldehyde Thiosemicarbazones of Nickel(II) and Palladium(II): Synthesis, Structure, and Spectroscopy. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2012**, 638, 804-810 1.3 9

740	Catalyst-Free, One-Pot, Expeditious Synthesis of Aminoalkyl-naphthols at Room Temperature. <i>Synthetic Communications</i> , 2012 , 42, 3077-3088	1.7	19
739	Synthesis and cytotoxic activities of some 2-arylnaphtho[2,3-d]oxazole-4,9-dione derivatives on androgen-dependent (LNCaP) and androgen-independent (PC3) human prostate cancer cell lines. <i>Investigational New Drugs</i> , 2012 , 30, 1709-14	4.3	12
738	Supramolecular assemblies of organotellurium(IV) dithiocarbamates and third order nonlinear optical susceptibility ($\chi^{(3)}$) of $C_4H_7(CH_3)Te[S_2CN(C_2H_5)_2]_2$. <i>Inorganica Chimica Acta</i> , 2012 , 388, 175-183	2.7	5
737	2-(4-Fluoro-phen-yl)-1-(4-methyl-phen-yl)-1H-phenanthro[9,10-d]imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2880		
736	Ethyl 4-(5-bromo-1H-indol-3-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexa-hydro-quinoline-3-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3404-5		3
735	9-(5-Bromo-1H-indol-3-yl)-1,2,3,4,5,6,7,8,9,10-deca-hydro-acridine-1,8-dione dimethyl sulfoxide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3337		5
734	3,3,6,6-Tetra-methyl-9-(1-methyl-1H-indol-2-yl)-1,2,3,4,5,6,7,8,9,10-deca-hydro-acridine-1,8-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3365-6		6
733	2-(4-Fluoro-phen-yl)-1-phenyl-1H-benzimidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2708		7
732	2-Chloro-7,8,9,10-tetra-hydro-cyclo-hepta-[b]indol-6(5H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1887		1
731	4-[2-(4-Hydroxy-phen-yl)eth-yl]-3-propyl-1H-1,2,4-triazol-5(4H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1651-2		2
730	Triclinic polymorph of bis-(triphenyl-sil-yl) oxide toluene disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o588		1
729	A bis-calixarene from olefin metathesis. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1833-4		4
728	3,3-Dimethyl-2-benzofuran-1(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o113		
727	Tripolidinium dichloranilate-chloranilic acid-methanol-water (2/1/2/2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1037-8		2
726	4,7-Dichloro-quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1498		1
725	Methyl 2-(thio-phen-2-carboxamido)-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1765		1
724	1-(Naphthalen-1-yl)-3-[(thio-phen-2-yl)carbon-yl]thio-urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2882-3		4
723	(1E,4E)-1-(3-Nitro-phen-yl)-5-phenyl-penta-1,4-dien-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o74-5		3

- 722 (2E)-2-[(3E)-4-Phenyl-but-3-en-2-yl-idene]hydrazinecarboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o76-7
- 721 Chlorido[2-[(dimethyl-amino)-meth-yl]phenyl- η^5 ,C]tellurium. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o214 9
- 720 Dibromidochlorido[2-[(dimethyl-amino)-meth-yl]phenyl- η^5 ,C]tellurium(IV). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o215-6 2
- 719 1-(3,5-Dimeth-oxy-phen-yl)-2-(4-fluoro-phen-yl)-4,5-dimethyl-1H-imidazole. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o256 1
- 718 Bis[η^2 -[(dimethyl-amino)-meth-yl]benzene-seleno-lato}bis-[chloridopalladium(II)] dichloromethane hemisolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m113-4 3
- 717 Bis[η^2 -[(dimethyl-amino)-meth-yl]benzene-tellurolato}bis-[chlorido-palladium(II)] dichloro-methane hemisolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m141-2 3
- 716 2-[(E)-(Naphthalen-2-yl-imino)-meth-yl]-4-(trifluoro-meth-oxy)phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1024 1
- 715 Aqua-(η^6 -26,28-dibut-oxy-25,27-bis-{N-[5-(dimethyl-amino)-naphthalene-1-sulfon-yl]carbamoylethoxy}-5,11,17,23-acetonitrile tetra-solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m460-1 1
- 714 2-[(E)-(1,10-Phenanthrolin-5-yl)imino-meth-yl]phenol methanol monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1173-4
- 713 5-(Thio-phen-2-ylmeth-yl)-1,3,4-thia-diazol-2-amine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1279
- 712 7-Chloro-4-(piperazin-1-yl)quinoline. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1497 1
- 711 (E)-1-(2,4-Dimethyl-quinolin-3-yl)-3-(4-methyl-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1501 1
- 710 2,3-Dichloro-5,8-dimeth-oxy-1,4-naphtho-quinone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2018
- 709 Acetato(aqua){6,6'-dimeth-oxy-2,2'-[ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphenolato}cobalt(III) methanol disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m962-3 1
- 708 4-Isopropyl-5,5-dimethyl-2-sulfanyl-1,3,2-dioxaphosphinane 2-sulfide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2667
- 707 N-Benzoyl-N-(1,4-dioxonaphthalen-2-yl)benzamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2379 1
- 706 (E)-{[But-2-ene-1,4-diylbis(-oxy)]bis-(4,1-phenyl-ene)}bis-(phenyl-methanone). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2633 1
- 705 1-[4-(4-Fluoro-phen-yl)-6-methyl-2-sulfanyl-idene-1,2,3,4-tetra-hydro-pyrimidin-5-yl]ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2625 1

704	2-Methyl-3-nitro-N-((E)-[5-(4-nitro-phen-yl)furan-2-yl]methyl-idene)aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2630		
703	1-[4-(4-Isopropyl-phen-yl)-6-methyl-2-sulfanyl-idene-1,2,3,4-tetra-hydro-pyrimidin-5-yl]ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2641		
702	N-(1,4-Dioxo-1,4-dihydro-naphthalen-2-yl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2775-6		2
701	N,N-Dicyclo-hexyl-4-nitro-benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2762		3
700	1,1,2,2-Tetra-kis[2,4-dichloro-6-(dieth-oxy-meth-yl)phen-oxy-meth-yl]ethene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2993-4		2
699	N,N-Dicyclo-hexyl-3,5-dinitro-benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2953		
698	2-Ethyl-3,5,6-triphenyl-pyrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3003		
697	4-(Naphthalene-2-carboxamido)-pyridin-1-ium thio-cyanate-N-(pyridin-4-yl)naphthalene-2-carboxamide (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3002		
696	2-Methyl-3-(4-methyl-phen-yl)-5,6-diphenyl-2,3-dihydro-pyrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3084		
695	Ethyl 2-[2-(4-hy-droxy-3-meth-oxy-benzyl-idene)hydrazin-1-yl-idene]-3,4-dimethyl-2,3-dihydro-1,3-thia-zole-5-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3213-4		
694	3-[(Furan-2-yl)carbon-yl]-1-(pyrimi-din-2-yl)thio-urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3300-1		2
693	1,2-Diphenyl-1H-benzimidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3283		4
692	N-(1,3-Thia-zol-2-yl)-N'-[(thio-phen-2-yl)carbon-yl]thio-urea hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3295		2
691	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
690	Anion directed supramolecular architecture of pyrazole based ionic salts. <i>CrystEngComm</i> , 2011 , 13, 4110-3		20
689	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
688	Synthesis and structural characterization of pincer type bicyclic diacyloxy- and diazaselenuranes. <i>Dalton Transactions</i> , 2011 , 40, 9858-67	4.3	20
687	2-Phenoxyethanol derived diselenide and related compounds; synthesis of a seven-membered seleninate ester. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 581-7	3.9	24

686	Synthesis and characterization of homo- and heterodinuclear M(II)-M'(III) (M(II) = Mn or Fe, M'(III) = Fe or Co) mixed-valence supramolecular pseudo-dimers. The effect of hydrogen bonding on spin state selection of M(II). <i>Dalton Transactions</i> , 2011 , 40, 181-94	4.3	17
685	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
684	Reactions of Di-o-tolyl Telluride and Selenide with Palladium Acetate: Isolation of a Novel Palladium Complex of a Tellurenic Acid Anhydride and Related Trinuclear and Tetranuclear Palladium Complexes. <i>Organometallics</i> , 2011 , 30, 2525-2530	3.8	18
683	Gold(III) N-heterocyclic carbene complexes mediated synthesis of β -enamiones from 1,3-dicarbonyl compounds and aliphatic amines. <i>Inorganic Chemistry</i> , 2011 , 50, 1840-8	5.1	50
682	Synthesis and characterization of nitrogen-containing Lewis base adducts of bis(O,O'-dialkylmonoselenophosphato)cobalt(II) complexes. <i>Journal of Coordination Chemistry</i> , 2011 , 64, 2631-2638	1.6	
681	Photoluminescent selenospirocyclic and selenotetracyclic derivatives by domino reactions of amines and imines. <i>Chemical Communications</i> , 2011 , 47, 7221-3	5.8	22
680	Reactions of [(Me ₃ Si) ₃ CAIme ₂] with substituted benzoic acids. Isolation of a rare organoalumoxane carboxylate. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3155-3161	2.3	15
679	Furan derivatives of tellurium: Synthesis and structural comparison with the thiophene analogues. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3649-3656	2.3	6
678	Synthesis of novel heterocycles containing Se-O/Se-N linkages: Role of intramolecular coordination. <i>Main Group Chemistry</i> , 2011 , 10, 141-152	0.6	6
677	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	2.2	55
676	Strained dimethyl 2-(bromoselanyl)-5-tert-butylisophthalate: a reactive precursor for the synthesis of ebselen analogs. <i>Tetrahedron Letters</i> , 2011 , 52, 6831-6834	2	6
675	A seven membered chelate ring complex of Mn(II) derived from bis(5-phenyl-2H-1,2,4-triazole)-3-yl-disulfane and cleavage of the S-S bond in a Co(II) complex: Synthesis, spectral and structural characterization. <i>Polyhedron</i> , 2011 , 30, 1927-1934	2.7	6
674	2-Thiophenyltellurium derivatives: Alternative synthetic routes and structural characterization. <i>Inorganica Chimica Acta</i> , 2011 , 376, 80-86	2.7	9
673	Magnetic and catalytic properties of a new copper(II) Schiff base 2D coordination polymer formed by connected helical chains. <i>Inorganica Chimica Acta</i> , 2011 , 376, 245-254	2.7	32
672	Mixed-ligand thiosemicarbazone complexes of nickel: Synthesis, structure and catalytic activity. <i>Inorganica Chimica Acta</i> , 2011 , 377, 120-128	2.7	44
671	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
670	5-Pyridine 4-yl-3H-(1,3,4) Oxadiazole-2 Thione Hydrochloride Monohydrate, (I), and 4 [5-Ethylsulfanyl)-(1,3,4) Thiadiazole-2-yl]-Pyridinium Perchlorate, (II). <i>Journal of Chemical Crystallography</i> , 2011 , 41, 6-11	0.5	9
669	Synthesis, Structural Characterization and Crystal Structure of Selenium Bearing 3-(Phenylseleno) Propylammonium Acetate Salt and its Cleavage on Reaction with Mercury(II) and Tin(IV) Salts. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 391-400	0.5	9

668	Hydrogen Bonding Patterns of Coordinated Ligands in Hybrid Materials: Crystal Structures of Hydronium Tetra(Thiocyanato-N)-Zinc(II): Tris(2-Amino-4,6-Dimethylpyrimidinium) (2-amino-4,6-dimethylpyrimidine) Dinitrate and Bis(2-Amino-4,6-Dimethylpyrimidinium) Tetrachlorocobaltate(II) Monohydrate. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 1894-1900	0.5	1
667	Synthesis, Characterization, Luminescent and Thermal Properties of a Hybrid Inorganic/Organic Polymeric Framework Formed by Lead (II) Pyridinecarboxylate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011 , 21, 747-753	3.2	7
666	Effect of electron donating substituents on supramolecular structure of salts having phenylphosphonic acid and pyrazoles. <i>Structural Chemistry</i> , 2011 , 22, 931-941	1.8	9
665	Synthesis and characterization of bis(O,O'-diisopropylmonothiophosphato)nickel(II) adducts and molecular structures of bis(pyridine)bis(O,O'-diisopropylmonothiophosphato)nickel(II) complex. <i>Transition Metal Chemistry</i> , 2011 , 36, 325-329	2.1	
664	Synthesis, spectroscopy, and X-ray crystal structures of copper(II) complexes of the tridentate ONS ligand formed by condensation of 4,4,4-trifluoro-1-(2-thienyl)-2,4-butanedione with S-benzylidithiocarbazate. <i>Transition Metal Chemistry</i> , 2011 , 36, 471-479	2.1	3
663	Chemistry of selenium/tellurium-containing Schiff base macrocycles. <i>Inorganica Chimica Acta</i> , 2011 , 372, 17-31	2.7	21
662	Synthesis and Glutathione Peroxidase-Like Activities of Isoselenazolines. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5485-5497	3.2	26
661	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
660	Methyl Ester Function: An Intramolecular Electrophilic Trap for the Isolation of Aryltellurenyl Hydroxide and Diorganotellurium Dihydroxide. <i>Organometallics</i> , 2011 , 30, 3892-3896	3.8	11
659	Intramolecularly coordinated azobenzene selenium derivatives: effect of strength of the Se \cdots N intramolecular interaction on luminescence. <i>Dalton Transactions</i> , 2011 , 40, 4489-96	4.3	23
658	Controlled hydrolysis of aryltellurium trichlorides using 2-pyrrolidinones: isolation and structural characterization of monomeric aryltellurium(IV) monohydroxides. <i>RSC Advances</i> , 2011 , 1, 808	3.7	5
657	Second harmonic chalcone crystal: Synthesis, growth and characterization. <i>Physica B: Condensed Matter</i> , 2011 , 406, 2206-2210	2.8	18
656	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
655	Ligand-to-ligand electron transfer and temperature induced valence tautomerism in o-dioxolene chelated manganese complexes. <i>Inorganica Chimica Acta</i> , 2011 , 370, 311-321	2.7	15
654	Selenoether ligand assisted Heck catalysis. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2559-2564	2.3	21
653	Palladium selenolates via oxidative addition of organylselenenyl halides to palladium(0) precursor and via cleavage reaction of diselenides: Synthesis, structure and spectroscopic investigation. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2782-2788	2.3	20
652	Synthesis and structure of new Schiff base derivatives obtained from 2-(formylphenyl)mercury bromide. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3015-3022	2.3	14
651	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

- 650 Syntheses, structures and efficient catalysis for C–C coupling of some benzaldehyde thiosemicarbazone complexes of palladium. *Journal of Molecular Catalysis A*, **2011**, 344, 62-73 43
- 649 Alkali metal ion mediated self-assembly of vanadium(V) ions and pyrazole based polydentate ligands leading to the formation of helix, double helix and supramolecular cage-like structures. *Polyhedron*, **2011**, 30, 187-194 2.7 13
- 648 Synthesis, characterization and crystal structures of di-three-coordinated copper(I) macrocyclic Schiff base complexes. *Polyhedron*, **2011**, 30, 942-946 2.7 6
- 647 Synthesis, spectral and X-ray structural studies of Ni(II) complexes of N²-acylhydrazine carbodithioic acid esters containing ethylenediamine or o-phenanthroline as coligands. *Polyhedron*, **2011**, 30, 990-996 2.7 5
- 646 Self-assembling dicopper(II) complexes of di-2-pyridyl ketone Schiff base ligands derived from S-alkyldithiocarbazates. *Polyhedron*, **2011**, 30, 1478-1486 2.7 23
- 645 A 1D Cu(II) coordination polymer exhibiting ferromagnetic interactions and a mononuclear Cu(II) complex of substituted pyrazole carboxylic acids: Synthesis, characterization and crystal structure. *Polyhedron*, **2011**, 30, 1571-1578 2.7 4
- 644 Syntheses, characterization, X-ray crystal structures and emission properties of five oxovanadium(V) complexes with pyridyl/pyrimidyl/pyrazole derived ditopic ligands. *Polyhedron*, **2011**, 30, 1595-1603 2.7 11
- 643 FeCl₃ catalysed two consecutive aminomethylation at the β-position of the β-dicarbonyl compounds: an easy access to hexahydropyrimidines and its spiro analogues. *Tetrahedron Letters*, **2011**, 52, 4153-4157 2 35
- 642 (2E)-3-[4-(Dimethyl-amino)-phen-yl]-1-(4-fluoro-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o313-4 5
- 641 Synthesis, chemical, electrochemical, and structural characterization of binuclear dioxo-bridged molybdenum(VI) complexes of tridentate ONS donors. *Journal of Coordination Chemistry*, **2011**, 64, 1207-1215 1.6 8
- 640 1-Benzyl-3,5-bis-[(E)-3-thienyl-methyl-idene]piperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o571
- 639 (2E)-3-(3-Bromo-4-meth-oxy-phen-yl)-1-(pyridin-2-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o352-3 6
- 638 Ethyl 2-(4-nitro-benzamido)-benzoate, a non-merohedral twin. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o465
- 637 Di-(μ₂)-acetato-diacetato-bis-(μ₂)-3,3',5,5'-tetra-meth-oxy-2,2-[ethane-1,2-diylbis(nitrilo-methyl-idyne)]diphenolato}trico-dichloro-methane disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, m303-4 14
- 636 (2E)-3-(2-Anthracen-2-yl)-1-(2-hy-droxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o795 4
- 635 (E)-3-(3,4-Dimeth-oxy-phen-yl)-1-(2-hy-droxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o845 5
- 634 4,6-Bis(4-fluoro-phen-yl)-2-phenyl-1H-indazol-3(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1346-7 6
- 633 1-(2-Hy-droxy-eth-yl)-4-{3-[(E)-2-(trifluoro-meth-yl)-9H-thioxanthen-9-yl-idene]prop-yl}piperazine-1,4-diium bis-(3-carb-oxy-prop-2-enoate). *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2017-8 6

- 632 N-(4-Bromo-phen-yl)-4-nitro-benzamide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o279 8
- 631 Bis[2-(benzyl-amino)-pyridine- \mathbb{N}]bis-(2-formyl-phenolato- \mathbb{D} ,O')nickel(II). *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, m207-8 2
- 630 Enrofloxacinium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o432-3 5
- 629 Lomefloxacinium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o483-4 6
- 628 Cinnarizinium dipicrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o500-1 9
- 627 2,5-Dimethyl-3-[4-(trifluoro-meth-oxy)anilino]-cyclo-hex-2-enone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o603-4 1
- 626 3-(4-Chloro-phen-yl)-1-(2-methyl-4-phenyl-quinolin-3-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o621 1
- 625 {6,6'-Dimeth-oxy-2,2'-[ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphenolato}nickel(II) dimethyl-formamide monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, m328 5
- 624 Ethane-1,2-diaminium dipicrate dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o637-8 0
- 623 3-(4-Chloro-anilino)-2,5-dimethyl-cyclo-hex-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1283-4
- 622 (2E)-3-(4-Chloro-phen-yl)-1-(4-hydroxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o756 3
- 621 1,2-Diphenyl-1H-imidazo[4,5-f][1,10]phenanthroline. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o989 6
- 620 3,5-Bis(4-methyl-phen-yl)-1-phenyl-4,5-dihydro-1H-pyrazole. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1019 2
- 619 1-(3,5-Dimethyl-phenyl)-2-(4-fluoro-phenyl)-4,5-dimethyl-1H-imidazole. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1065 6
- 618 3-(4-Chloro-phen-oxy)-1-(4-meth-oxy-phen-yl)-4-(4-nitro-phen-yl)azetid-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1101-2 7
- 617 5-Methyl-7,8,9,10-tetra-hydro-cyclo-hepta-[b]indol-6(5H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1325 1
- 616 Sulfonated 1,3-bis-(4-pyrid-yl)propane. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1534
- 615 6-Methyl-2,3,4,9-tetra-hydro-1H-carbazole-1-thione. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1642

614	9-Ethyl-N-(3-nitro-benzyl-idene)-9H-carbazol-3-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1799	4
613	Oxomemazine hydro-chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1875	2
612	2-(4-Fluoro-phen-yl)-1-phenyl-1H-imidazo[4,5-f][1,10]phenanthroline monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1965	2
611	1,3-Bis(4-fluoro-phen-yl)-N,N'-(propane-1,3-diyl-idene)dihydroxyl-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1954-5	12
610	3,5-Bis(4-meth-oxy-phen-yl)-4,5-dihydro-isoxazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1975-6	1
609	1-(2-Hy-droxy-eth-yl)-4-[3-(2-trifluoro-methyl-9H-thioxanthen-9-yl-idene)prop-yl]piperazine-1,4-dium dichloride: the dihydro-chloride salt of flupentixol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2079-80	6
608	3-(4-Chloro-benzene-sulfonamido)-5-methyl-cyclo-hex-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2272-3	
607	⊂Bromido-bis[⊂2,2'-[4,7-diaza-decane-1,10-diylbis(nitrilo-methanylyl-idene)]diphenolato}tricopper(II) bromide dimethyl-formamide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1197-8	1
606	Dibromido(4,7-diazadecane-1,10-di-amine)-copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1266	1
605	⊂Acetato-⊂[5-chloro-2-{1,3-bis[2-(5-chloro-2-oxidobenzylideneamino)ethyl]imidazolidin-2-yl}phenolato)-bis[methanolnic methanol monosolvate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1264-5	2
604	catena-Poly[copper(II)-bis(⊂ethyl-5-methyl-imidazole-4-sulfonato-⊂,O:O)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1303-4	1
603	⊂Acetato-aqua-⊂[5-bromo-2-{1,3-bis-[2-(5-bromo-2-oxidobenzyl-idene-amino)-eth-yl]imidazolidin-2-yl}phenolato)methanol methanol disolvate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1381-2	
602	2-Phenyl-3-(trimethyl-sil-yl)propan-1-aminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2553	1
601	2-(2-Chloro-phen-yl)-3-methyl-5,6-diphenyl-2,3-dihydro-pyrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2598	1
600	10,21-Dimethyl-2,7,13,18-tetraphenyl-3,6,14,17-tetraazatricyclo[17.3.1.1]tetracosane-1(23),2,6,8(24),9,11,13,17,19,21-deca-cyclohexane 0.33-solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2724-5	1
599	2-(4-Hy-droxy-phen-yl)-3-(trimethyl-sil-yl)propanaminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2694	
598	Bis[methyl 3-(propyl-amino)-but-2-eno-ato]zinc. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1692	1
597	1-Amino-5-(4-methyl-benzo-yl)-4-(4-methyl-phen-yl)pyrimidin-2(1H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3309	

- 596 Bis{2-[(2-hydroxy-2-methyl-prop-yl)imino-methyl]-4-nitro-phenolato}nickel(II) dimethyl-formamide monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, m1211 2
- 595 Chlorimipraminium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o347-8 2
- 594 5,10,15,20-Tetra-2-furylporphyrin. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1160-1
- 593 2-Amino-4-methoxy-6-methyl-pyrimidin-1-ium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1189-90 4
- 592 {3,3',5,5'-Tetra-methoxy-2,2'-[ethane-1,2-diylbis(nitrilo-methyl-idyne)]diphenolato}nickel(II). *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, m620 4
- 591 Ethyl-enediammonium tetra-kis{2,2'-[ethane-1,2-diylbis(nitrilo-methyl-idyne)]diphenolato}nickel(II) bis-(perchlorate) dimethyl-formamide monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1511-5 3
- 590 [2,2'-(2,6,9,13-Tetra-azatetra-decane-1,14-di-yl)diphenolato]iron(III) iodide. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, m711-2 2
- 589 Bis(2-[[3-methyl-4-(2,2,2-trifluoro-ethoxy)-2-pyrid-yl]methyl-sulfanyl]-1H,3H-benzimidazolium) 2,5-dichloro-3,6-dioxocyclo-hexa-1,4-diene-1,4-diolate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1507-8 5
- 588 (2E)-1-(2-Bromo-phen-yl)-3-(4-methoxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1661 1
- 587 (2E)-1-(2-Bromo-phen-yl)-3-(3,4,5-trimethoxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1676 2
- 586 (2E)-1-(2-Bromo-phen-yl)-3-(4-bromo-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1701 1
- 585 Aqua-{6,6'-dimethoxy-2,2'-[ethane-1,2-diylbis(nitrilo-methyl-idyne)]diphenolato}methano-manganese(III) perchlorate hemihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, m851-2 4
- 584 2-(4-Fluoro-phen-yl)-1-(4-methoxy-phen-yl)-4,5-dimethyl-1H-imidazole. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1791 7
- 583 Ethyl 4-(4-bromo-phen-yl)-6-phenyl-2-oxocyclo-hex-3-ene-1-carboxylate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1896 1
- 582 N'-[Bis(benzyl-sulfanyl)methylidene]-4-methoxy-benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1899 5
- 581 (E)-1-(2-Bromo-phen-yl)-3-(2,5-dimethoxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1952
- 580 8-Methyl-2,3,4,9-tetra-hydro-1H-carbazol-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o2299-300 2
- 579 Tris(ethane-1,2-diamine- μ ,N')cobalt(III) carbonate iodide tetra-hydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, m1148-9

578	(1E,2E)-1,2-Bis(2,3,4-trimethoxybenzylidene)hydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2557	2
577	N-(Diethylcarbamothioyl)-4-nitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2589	2
576	1-(3,5-Dimethylphenyl)-4,5-dimethyl-2-phenyl-1H-imidazole hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2776	2
575	4,5-Dimethyl-2-phenyl-1-(p-tolyl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2826	15
574	N,N-Bis[(2-chloro-6-methylquinolin-3-yl)methylidene]ethane-1,2-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2869	
573	2,5-Dimethyl-7,8,9,10-tetrahydrocyclohepta-[b]indol-6(5H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2882	2
572	[2-({3-[(3-Aminopropyl)amino]propyl}imino-methyl)phenolato- D,N,N'',N'''']bromidocopper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1475	
571	Tetra- β -methanolato-tetra-kis-[(2-formyl-6-methoxyphenolato)methanolato]nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1487-8	6
570	(E)-2-(Furan-2-ylmethylidene)-8-methyl-2,3,4,9-tetrahydro-1H-carbazol-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3145	2
569	Levocetirizinium dipicrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3167	5
568	(E)-6-Chloro-2-(furan-2-ylmethylidene)-2,3,4,9-tetrahydro-1H-carbazol-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3198	1
567	tert-Butyl 6-methyl-2-oxo-4-[4-(trifluoromethoxy)anilino]cyclohex-3-ene-1-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3229	2
566	5,7-Dimethyl-2,3-dihydro-1H-1,4-diazepin-4-ium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1187-8	2
565	4,5-Dimethyl-1,2-diphenyl-1H-imidazole monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2219	11
564	1-(6-Methyl-4-phenyl-2-sulfanylidene-1,2,3,4-tetrahydropyrimidin-5-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2280	
563	catena-Poly[[[5,5'-dimethoxy-2,2'-[ethane-1,2-diylbis(nitrilomethylidyne)]diphenolato}manganese(III)]- β acetato]methanol monosolvate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1384-5	3
562	Dichlorido[Et 0,21-dimethyl-2,7,13,18-tetra-phenyl-3,6,14,17-tetra-aza-tricyclo-[17.3.1.1]tetra-cosa-1(23),2,6,8,10,12(24),1 ethanol hemisolvate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1531-2	2
561	1-(1-Hydroxy-8-methyl-9H-carbazol-2-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3146	3

560	2-(2,3,4,9-Tetra-hydro-1H-carbazol-1-ylidene)propane-dinitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1713		3
559	Redetermination of 5 β -androstane-3,17-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1517-8		1
558	1-[2-(2-Bromo-phen-yl)eth-yl]-4-chloro-2-nitro-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3358		
557	(2E)-1-(3-Bromo-phen-yl)-3-(4,5-dimeth-oxy-2-nitro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2936-7		5
556	2-(4-Fluoro-phen-yl)-4,5-dimethyl-1-(4-methyl-phen-yl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1703		25
555	2-(4-Fluoro-phen-yl)-1,4,5-triphenyl-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2519		15
554	Synthesis and structure of mononuclear copper(II) complexes with acyclic Schiff-base ligands containing organotellurium substituents: a comparative study with selenium analogs. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 4088-4103	1.6	7
553	Synthesis, Spectral Characterization, and Crystal Structure of Two Polymorphs of o,o'-Dichloro Dibenzyl Disulfide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010 , 185, 455-462	1	4
552	1-(1,3-Benzodioxol-5-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o383		1
551	(E)-1-Diphenyl-methyl-idene-2-[(1H-indol-3-yl)methyl-idene]hydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1586		3
550	Syntheses, characterization, and X-ray crystal structures of two cis-dioxovanadium(V) complexes of pyrazole-derived, Schiff-base ligands. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 2146-2157	1.6	19
549	1-Diphenyl-methyl-ene-2-(9H-fluoren-9-yl-idene)hydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o345		1
548	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
547	Organoselenium chemistry: role of intramolecular interactions. <i>Chemical Reviews</i> , 2010 , 110, 4357-416	68.1	377
546	Amidomethylation of elemental tellurium: synthesis and solid state structures of N-substituted amidomethyltellurium(IV & II) derivatives. <i>Dalton Transactions</i> , 2010 , 39, 2637-43	4.3	15
545	Intermetallic Bonds in Metallophilic Mercuraazametallamacrocycles of Synthetic Design. <i>Organometallics</i> , 2010 , 29, 4265-4275	3.8	24
544	Synthesis and characterization of 3-picoline adducts of bis(O,O'-ditolyl/dibenzyl/diphenyl dithiophosphato)cobalt(II) complexes: crystal structure of 3-picoline adducts Co{S2P(OC6H4Me-p)}2(NC5H4Me-3)}2. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 4271-4279	1.6	12
543	Hexa boron-dipyrromethene cyclotriphosphazenes: synthesis, crystal structure, and photophysical properties. <i>Inorganic Chemistry</i> , 2010 , 49, 10606-16	5.1	57

542	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
541	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
540	Structural Variation and Magneto-Structural Correlation in Two New Dinuclear Bis(μ -2-Phenoxy)-Bridged Cu(I) Schiff-Base Complexes: Catalytic Potential for the Peroxidative Oxidation of Cycloalkanes. <i>Australian Journal of Chemistry</i> , 2010 , 63, 479	1.2	16
539	Hydrolysis of 2-phenylazophenyltellurium trihalides: isolation of an unprecedented homometallic, discrete heptanuclear organotellurium oxide cluster. <i>Chemical Communications</i> , 2010 , 46, 1130-2	5.8	29
538	Transition metal complexes of 2-amino-3-chloro-5-trifluoromethylpyridine: syntheses, structures, and magnetic properties of [(TMCAPH) $_2$ CuBr $_4$] and [(TMCAPH) $_2$ CuCl $_4$]. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 2949-2964	1.6	18
537	Trimipraminium maleate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o366-7		3
536	{3,3',5,5'-Tetra-meth-oxy-2,2'-[ethane-1,2-diylbis(nitrilo-methyl-idyne)]diphenol-ato}-copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m653		1
535	7-(4-Bromo-phen-yl)-9-phenyl-7H-pyrrolo[3,2-e]tetra-zolo[1,5-c]pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o574		1
534	A convenient approach towards 2- and 3-aminobenzo[b]thiophenes. <i>Tetrahedron</i> , 2010 , 66, 2474-2485	2.4	21
533	Synthesis, crystal structures and theoretical studies of four Schiff bases derived from 4-hydrazinyl-8-(trifluoromethyl) quinoline. <i>Journal of Molecular Structure</i> , 2010 , 980, 172-181	3.4	16
532	Synthesis, characterization and spectrochemical studies on a few binuclear μ -oxo molybdenum(V) complexes of pyrimidine derived Schiff base ligands. <i>Journal of Chemical Sciences</i> , 2010 , 122, 239-245	1.8	5
531	Crystal Structure of [4-(Methylsulfanyl)Phenyl]Acetic Acid. <i>Journal of Chemical Crystallography</i> , 2010 , 40, 25-28	0.5	3
530	Nickel(II) complexes of 5-phenyl and 5-furan-1,3,4-oxadiazole-2-thiones containing ethylenediamine: synthesis, spectral and X-ray characterization. <i>Transition Metal Chemistry</i> , 2010 , 35, 205-211	2.1	5
529	Manganese(II) complexes of 5-(4-pyridyl), 5-phenyl and 5-(4-methoxy-phenyl)-1,3,4-oxadiazole-2-thione containing 2, 2'-bipyridyl/ethylenediamine: synthesis, spectral, and X-ray characterization. <i>Transition Metal Chemistry</i> , 2010 , 35, 337-344	2.1	9
528	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
527	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
526	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
525	Ni(II) and Mn(II) complexes of NNS tridentate ligand N $_2$ -[(2-methoxyphenyl)carbonothioyl]pyridine-2-carbohydrazide (H $_2$ mcph): Synthesis, spectral and structural characterization. <i>Polyhedron</i> , 2010 , 29, 1939-1945	2.7	15

- 524 Mono- and bis(dialkyl/aryl dithiocarbamate) complexes of 1,1,2,3,4,5,6-heptahydro-1,1-dihalido telluranes: Synthesis, spectroscopy, structures and cleavage reaction. *Polyhedron*, **2010**, 29, 2202-2212 2.7 7
- 523 Synthesis, characterization and crystal structures of dinuclear macrocyclic Schiff base copper(I) complexes bearing different bridges. *Polyhedron*, **2010**, 29, 3178-3182 2.7 12
- 522 Telluration of 2,4,6-trimethylacetophenone under mild conditions: Role of steric factor in the solid state structures of Te(II and IV) compounds. *Journal of Organometallic Chemistry*, **2010**, 695, 2118-2125 2.3 9
- 521 Telluration of 2-acetylthiophene: Electronic influence of the heteroaromatic moiety on solid state structures. *Journal of Organometallic Chemistry*, **2010**, 695, 2532-2539 2.3 9
- 520 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. *Inorganica Chimica Acta*, **2010**, 363, 404-411 2.7 51
- 519 Sterically-controlled nuclearity in new copper(II) complexes with di-compartmental ligands: Formation of antiferromagnetically coupled angular trimer and mononuclear inclusion complex. *Inorganica Chimica Acta*, **2010**, 363, 1395-1403 2.7 56
- 518 Synthesis and complexation studies of 16-membered [1+1] selenaza- and some related macrocycles. *Inorganica Chimica Acta*, **2010**, 363, 2905-2911 2.7 10
- 517 Synthesis and spectroscopic properties of Ni(II) complexes of some aryl hydrazone ligands with 2,6-diacetyl pyridine monooxime: X-ray crystal structure of the salicyloylhydrazone Ni(II) complex. *Inorganica Chimica Acta*, **2010**, 363, 3641-3646 2.7 21
- 516 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. *Inorganica Chimica Acta*, **2010**, 363, 3580-3588 2.7 38
- 515 Synthesis, structural aspects and magnetic properties of an unusual 2D thiocyanato-bridged cobalt(II) Schiff base network. *Inorganica Chimica Acta*, **2010**, 363, 3981-3986 2.7 35
- 514 L-Proline-catalyzed one-pot expeditious synthesis of highly substituted pyridines at room temperature. *Tetrahedron Letters*, **2010**, 51, 1797-1802 2 47
- 513 Synthetic and computational studies on liphagal: a natural product inhibitor of PI-3K. *Tetrahedron Letters*, **2010**, 51, 6120-6122 2 14
- 512 A monoclinic polymorph of 1-(4-chloro-phen-yl)-3-(4-methoxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o269-70 4
- 511 Imatinibium dipicrate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o411-2 5
- 510 Desipramine hydro-chloride: a non-merohedrally twinned structure. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o674-5 1
- 509 N,N'-Bis-[(E)-2-fluoro-benzyl-iden]-1-(2-fluoro-phen-yl)methane-diamine. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o422-3
- 508 Dibenzo[b,e]thiepin-11(6H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o350
- 507 N-(5-Amino-2-methyl-phen-yl)-4-(3-pyridyl)-pyrimidin-2-amine. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o349

- 506 6-[[[(Benz-yloxy)carbon-yl]-oxy]-2-methyl-hexa-hydro-pyrano[3,2-d][1,3]dioxin-7,8-diyl bis-(chloro-acetate). *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o572-3
- 505 3-(2-Chloro-ethyl)-2-methyl-4-oxo-4H-pyrido[1,2-a]pyrimidinium 2,4,6-trinitro-phenolate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2201-2 1
- 504 3-(2-Chloro-ethyl)-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1987-8 1
- 503 t-3-Pentyl-r-2,c-6-diphenyl-piperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o3083 4
- 502 Ferromagnetic Coupling in a New Copper(II) Schiff Base Complex with Cubane Core: Structure, Magnetic Properties, DFT Study and Catalytic Activity. *European Journal of Inorganic Chemistry*, **2009**, 2009, 4385-4395 2.3 53
- 501 Fusion of Coordination- and Polyoxometalate Chemistry [Chelated Cobalt(III) Centers as Structural Components of Polyoxomolybdates $[\{Co(en)_4Mo_{10}O_{38}\}_4]$ and Macrocyclic $[\{CoII(H_2O)_2\}[\{Co(en)_8\{Mo_{20}O_{76}\}_6]$]. *European Journal of Inorganic Chemistry*, **2009**, 2009, 5215-5218 2.3 7
- 500 Structures of Three Chalcones Derived from 6-Methoxy-2-naphthaldehyde. *Journal of Chemical Crystallography*, **2009**, 39, 157-162 0.5 14
- 499 Crystal Engineering: A Salt of Mellitate Ion, MA_2 , with Hydronium, H_3O^+ , Containing π Stacks of Neutral Phenazine, PZ, in the Crystal. *Journal of Chemical Crystallography*, **2009**, 39, 309-314 0.5
- 498 The Structure and Characterization of [1,11-Bis(2-Hydroxybenzyl)-1,4,8,11-Tetraazaundecane]Iron(III) Perchlorate. *Journal of Chemical Crystallography*, **2009**, 39, 315-319 0.5 1
- 497 Crystal Structure of 2',3'-Di-O-Acetyl-5'-Deoxy-5-Fluorocytidine with $NH\cdots(O,F)$ Proton Donor Bifurcated and $(C,N)\cdots O$ Bifurcated Acceptor Dual Three-Center Hydrogen Bond Configurations. *Journal of Chemical Crystallography*, **2009**, 39, 433-437 0.5 3
- 496 Intermolecularly Associated Carboxylic Acid Dimers in the Supramolecular Assembly of (R)-1,4-Benzodioxane 2-Carboxylic Acid. *Journal of Chemical Crystallography*, **2009**, 39, 453-457 0.5 1
- 495 Crystal Structure of 3-Oxo-4-Aza-5- α -Androstane-17 β -tert-Butyl Carboxamide with an $O\cdots H\cdots(C,N)$ Acceptor Four-Center Hydrogen Bond. *Journal of Chemical Crystallography*, **2009**, 39, 458-465 0.5 2
- 494 Dual Chlorine-Bifurcated Acceptor $Cl\cdots H\cdots(N,O)$ Hydrogen Bonds in 4-[(4-Methylpiperazin-1-yl)Methyl]benzoic Acid Dihydrochloride Hemihydrate. *Journal of Chemical Crystallography*, **2009**, 39, 773-776 0.5
- 493 Crystal Structure of a Second Polymorph of Gabapentin Hydrochloride Hemihydrate with a Three-Center Bifurcated Hydrogen Bond. *Journal of Chemical Crystallography*, **2009**, 39, 777-780 0.5 8
- 492 Synthesis and Crystal Structure of 5-[2-(6-bromonaphthalenyloxymethyl)]-3-(4-morpholinomethyl)-1,3,4-oxadiazole-2(3H)-thione. *Journal of Chemical Crystallography*, **2009**, 39, 761-765 0.5 4
- 491 Crystal Structure of Abacavir Hemisulfate: A Nucleoside Analog Reverse Transcriptase Inhibitor. *Journal of Chemical Crystallography*, **2009**, 39, 864-869 0.5 5
- 490 Thiosemicarbazones of Ruthenium(II): Crystal Structures of [Bis(triphenylphosphine)][bis(N-phenyl-pyridine-2-carbaldehyde Thiosemicarbazonato)]ruthenium(II) and [Bis(diphenylphosphino)butane][bis(salicylaldehyde Thiosemicarbazonato)]ruthenium(II). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2009**, 635, 355-360
- 489 The Influence of Substituents at C2 Carbon of Thiosemicarbazones on the Bonding Pattern of Bis(diphenylphosphano)alkanes in Palladium(II) Complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2009**, 635, 1447-1453 1.3 8

488	Unusual complexation of Cu(I) by pyrimidine/pyridine-pyrazole derived ligands exploiting the molecular function of 2-mercapto-4,6-dimethylpyrimidine. Syntheses, crystal structures and electrochemistry. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1315-1322	2.7	21
487	Synthesis, structure and magnetic characterization of decamethylmetallocenium ethyl tricyanoethylenecarboxylate charge-transfer salts. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2423-2428	2.7	7
486	The interplay of OH ⁺ O hydrogen bonding in the generation of three new supramolecular complexes of CuI, NiII and CoIII: Syntheses, characterization and structural aspects. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2828-2836	2.7	30
485	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
484	Syntheses and characterization of iron(II) and iron(III) complexes of a tripodal ligand derived from tris(2-aminoethyl)methane. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4158-4166	2.7	13
483	Synthesis of CuI polymers {Cu ₈ (β-SN ₂ C ₃ H ₆) ₄ (βSN ₂ C ₃ H ₆) ₄ (β-Cl) ₈ } _n and {Cu ₆ (β-SC ₃ H ₆ N ₂) ₂ (βSC ₃ H ₆ N ₂) ₂ Cl ₂ (βCl) ₄ } _n with imidazolidine-2-thione. <i>Inorganica Chimica Acta</i> , 2009 , 362, 5265-5270	2.7	22
482	Highly efficient one-pot, three-component Mannich reaction catalysed by boric acid and glycerol in water with major βynβdiastereoselectivity. <i>Tetrahedron Letters</i> , 2009 , 50, 4246-4250	2	49
481	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
480	Nickel(II) and copper(II) complexes of 5-(4-methoxy-phenyl) [1,3,4]-oxadiazole-2-thione: Synthesis and X-ray characterization. <i>Journal of Molecular Structure</i> , 2009 , 936, 257-263	3.4	10
479	Spectroscopic and structural studies of the 2D Mn(II) coordination polymer from a bridging Noxa, Npy bidentate ligand; tetra-n-butylammonium[5-(3-pyridyl)-1,3,4-oxadiazole-2-thiolate]. <i>Polyhedron</i> , 2009 , 28, 95-100	2.7	9
478	Syntheses and X-ray crystallographic studies of {[Ni(en) ₂ (pot) ₂]0.5CHCl ₃ } and [Ni(en) ₂](3-pyol) ₂ . <i>Polyhedron</i> , 2009 , 28, 461-466	2.7	15
477	Molybdenum(VI) complexes of a few pyrimidine derived ligands and the study of metal mediated CN bond cleavage resulting in ligand transformation during complex formation. <i>Polyhedron</i> , 2009 , 28, 711-720	2.7	29
476	First row transition metal complexes of benzyl N ⁺ -(2-methoxybenzoyl)hydrazinecarbodithioate (H ₂ mbhcd): X-ray structures of [Mn(Hmbhcd) ₂ (o-phen)] βDMSO and [Mn ₂ (Hmbhcd) ₂ (2,2 ⁺ -bpy) ₂ (EOAc) ₂ . <i>Polyhedron</i> , 2009 , 28, 1197-1204	2.7	8
475	Synthesis, spectroscopy and structures of halogen and sulfur-bridged dinuclear silver(I) complexes with N1-substituted thiophene-2-carbaldehyde thiosemicarbazone. <i>Polyhedron</i> , 2009 , 28, 1103-1110	2.7	26
474	Synthesis and characterization of adducts of bis(4,4,6-trimethyl-1,3,2-dioxaphosphorinane-2-thione-2-thiolato)cobalt(II) with nitrogen and phosphorus containing Lewis bases: Crystal structures of [Co(S ₂) ₂ (2-CH ₃ -NC ₅ H ₄)] and [Co(S ₂) ₂ (3-CH ₃ -NC ₅ H ₄)]. <i>Polyhedron</i> , 2009 , 28, 1556-1560	2.7	7
473	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
472	Modulation of fluorescence emission of 1-(2-pyridyl) pyrazole derived Schiff base ligands by exploiting their metal ion sensitive binding modes. <i>Polyhedron</i> , 2009 , 28, 3577-3585	2.7	13
471	Mono- and di-nuclear complexes of thiosemicarbazones with copper(I): Synthesis, spectroscopy and structures. <i>Polyhedron</i> , 2009 , 28, 3899-3906	2.7	34

470	Water-Mediated Synthesis of 2-Substituted Benzimidazoles by Boric Acid and Glycerol. <i>Australian Journal of Chemistry</i> , 2009 , 62, 140	1.2	11
469	Bis[2-(benzyl-amino)pyridine- η^1](2-formyl-6-methoxy-phenolato- η^1, O)(nitrate- η^1, O')nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m1193-4		5
468	Facile Cleavage of Organochalcogen Hybrid (NEEN, NEN, EN, where E = Se or Te) Ligand C \equiv E and E-E Bonds by Pd(II). <i>Organometallics</i> , 2009 , 28, 2363-2371	3.8	31
467	Stereoselective formation of a functionalized dipeptide isostere by zinc carbenoid-mediated chain extension. <i>Journal of Organic Chemistry</i> , 2009 , 74, 645-51	4.2	10
466	Conformational and isomeric preferences of six-membered inorganic heterocycles [EtNP(E)(OR)] ₃ (E = Lone Pair, O, S, or Se): a synthetic, spectroscopic, structural, and computational study. <i>Inorganic Chemistry</i> , 2009 , 48, 2048-59	5.1	9
465	2-Amino-5-nitro-phenyl 2-chloro-phenyl ketone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1908-9		1
464	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
463	Metal derivatives of thiosemicarbazones: crystal and molecular structures of mono- and di-nuclear copper(I) complexes with N1-substituted thiosemicarbazones. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 1754-1765	1.6	7
462	Supramolecular assemblies prepared from an iron(II) tripodal complex, tetrafluoroborate, and alkali metal cations. The effect of cation size on coordination number, anion disorder and hydrogen bonding. <i>CrystEngComm</i> , 2009 , 11, 2297	3.3	18
461	4-Methyl-7,8,9,10-tetra-hydro-cyclo-hepta-[b]indol-6(5H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o698		1
460	4,8-Dimethyl-pyrano[2,3-a]carbazol-2(11H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o830		1
459	3-Methyl-3,4-dihydro-9H-carbazol-1(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1946-7		3
458	N-[2-(2-Bromo-benzyl-amino)phen-yl]-N-butylformamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2826		
457	3,3-Dimethyl-cis-2,6-di-p-tolyl-piperidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2445		1
456	A 'Butterfly'-shaped Water Tetramer in a Cu ₄ Complex Supported by a Hydrazone Ligand: Synthesis, Crystal Structure, Magnetic Properties, and Quantum Chemical Study. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1614	1.2	10
455	4-[(E)-(2,4-Difluoro-phen-yl)(hydroxy-imino)meth-yl]piperidinium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2365-6		7
454	N-(3-Bromo-1,4-dioxo-1,4-dihydro-2-naphth-yl)-4-fluoro-N-(4-fluoro-benzo-yl)benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o277		6
453	(E)-2-[(2-Hydr-oxy-5-nitro-phen-yl)iminiometh-yl]-4-nitro-phenolate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o291-2		4

- 452 3-(2,6-Dioxopiperidin-3-yl)-3-aza-bicyclo-[3.2.0]heptane-2,4-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o394-5 1
- 451 5-Acetyl-4-(4-chloro-phen-yl)-6-methyl-3,4-dihydro-pyrimidine-2(1H)-thione. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o564-5 7
- 450 2-Methyl-3,5,6-triphenyl-2,3-dihydro-pyrazine. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o546 2
- 449 Propiverinium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1738-9 7
- 448 N'-(2-Methyl-3-phenyl-allyl-idene)nicotinohydrazide monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1659 2
- 447 A second polymorph of (2E)-1-(4-fluoro-phen-yl)-3-(3,4,5-trimethoxy-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1965-6 7
- 446 Di- μ -perchlorato-bis- $\{E\}$ -[(2-pyrid-yl)methyl-amino-meth-yl]phenolato)dycopper(II) acetonitrile disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, m1007-8 3
- 445 Bis $\{E\}$ -(2-pyridylmethyl-amino-meth-yl)phenolato]- μ ,N',O;D:N,N',O-bis-[(thio-cyanato- μ)copper(II)]. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, m1121-2 2
- 444 Bis(1,10-phenanthroline-5,6-dione- μ ,N')silver(I) tetra-fluoridoborate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, m1119-20 3
- 443 4-(4-Chloro-phen-yl)-1-[3-(4-fluoro-benzo-yl)prop-yl]-4-hydroxy-piperidin-1-ium 2,4,6-trinitro-phenolate (haloperidol picrate). *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2403-4 3
- 442 1-(2-Methyl-5-nitro-phenyl)guanidinium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2788-9 4
- 441 (2E)-1-(3-Chloro-phen-yl)-3-(4-chloro-phen-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2641-2 2
- 440 2-(Dimethyl-amino-meth-yl)phenyl phenyl telluride. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2562-3 4
- 439 2-Bromo-3-nitro-benzaldehyde. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2761 3
- 438 2,5-Diphenyl-penta-2,4-dienenitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2953 1
- 437 (E)-2- $\{(2\text{-Hydroxy-naphthalen-1-yl)methyl-ene}\}$ hydrazinecarboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o1111-2
- 436 2-[2-(2-Pyrid-yl)eth-yl]isoindolinium perchlorate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2175
- 435 1-(2-Bromo-benz-yl)-3-isopropyl-benz-imid-azolin-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2836

- 434 2-Bromo-N'-[(2Z)-butan-2-yl-idene]-5-methoxy-benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2968-9
- 433 N'-(3-Phenyl-allyl-idene)nicotinothiazide monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2833
- 432 N-(2-Bromo-benz-yl)-N'-(2-pyrid-yl)benzene-1,2-diamine. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2640 2
- 431 1-Formyl-r-2,c-6-bis-(4-methoxy-phen-yl)-t-3-methyl-piperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2813
- 430 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. *Organometallics*, **2008**, 27, 175-180 3.8 50
- 429 Synthesis of Cull-Rull-Cull trinuclear complexes via redox reaction of copper(I) across thiosemicarbazones coordinated to ruthenium(II). *Inorganic Chemistry*, **2008**, 47, 1488-95 5.1 26
- 428 Versatility of Thiosemicarbazones in the Construction of Monomers, Dimers and Hydrogen-Bonded Networks of Silver(I) Complexes. *Crystal Growth and Design*, **2008**, 8, 1203-1212 3.5 54
- 427 Hydrogen bond directed open-framework of bis(bipyridine-glycoluril) phosphatocobalt(III) with solvent accessible void space. *CrystEngComm*, **2008**, 10, 1520 3.3 12
- 426 r-2,c-6-Bis(4-chloro-phen-yl)-t-3-isopropyl-1-nitro-sopiperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o1973 6
- 425 (1-Acetyl-2,6-diphenyl-piperidin-4-yl-idene)(phen-yl)acetonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o797 1
- 424 Acetato(1,10-phenanthroline-5,6-dione)silver(I) trihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, m403-4 1
- 423 Selective Recognition of Thallium(I) by 1,3-alternate Calix[4]arene-bis(crown-6 Ether): A New Talent of the Known Ionophore. *Supramolecular Chemistry*, **2008**, 20, 217-229 1.8 14
- 422 (m-Phenyl-enedimethyl-ene)diammonium p-nitro-phenyl-phosphate perchlorate. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o377-8
- 421 r-2,c-6-Bis(4-chloro-phen-yl)-c-3,t-3-dimethyl-piperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o2312 3
- 420 r-2,c-6-Bis(4-methoxy-phen-yl)-c-3,t-3-dimethyl-piperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o2328
- 419 2-r-(4-Chloro-phen-yl)-6-c-phenyl-3,4,5,6-tetra-hydro-2H-thio-pyran-4-one 1-oxide. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o2367 1
- 418 Crystal Structure of (+/-)-5-Benzoyl-2,3-dihydro-1H-pyrrolidine-1-carboxylic acid, Ketorolac. *Analytical Sciences: X-ray Structure Analysis Online*, **2008**, 24, X205-X206
- 417 Crystal Structure of 5-Amino-1-(2,4,6-trichlorophenyl)-1H-pyrazole-4-carbonitrile. *Analytical Sciences: X-ray Structure Analysis Online*, **2008**, 24, X207-X208

- 416 Structures of Two Chalcones Derived from 1-(1,3-Benzodioxol-5-yl)ethanone. *Analytical Sciences: X-ray Structure Analysis Online*, **2008**, 24, X245-X246
- 415 Crystal Structure of Methyl 2-(Benzyloxy)benzoate. *Analytical Sciences: X-ray Structure Analysis Online*, **2008**, 24, X273-X274
- 414 6-Chloro-3,4-di-hydro-9H-carbazol-1(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o1635
- 413 7,8,9,10-Tetra-hydro-cyclo-hepta-[b]indol-6(5H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o1697 2
- 412 4-(4-Bromo-phenyl-hydrazono)-1-(5-bromo-pyrimidin-2-yl)-3-methyl-2-pyrazolin-5-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o362
- 411 (E)-1-[4-(Methyl-sulfan-yl)phen-yl]-3-phenyl-prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o1263 5
- 410 (E)-3-(4-Fluoro-phen-yl)-1-[4-(methyl-sulfan-yl)phen-yl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o2118-9 3
- 409 1-[3-(2,4-Dichloro-5-fluoro-phen-yl)-5-(3-methyl-2-thien-yl)-4,5-dihydro-1H-pyrazol-1-yl]ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o2160 2
- 408 Two Zn(II) and one Mn(II) complexes using two different hydrazone ligands: spectroscopic studies and structural aspects. *Structural Chemistry*, **2008**, 19, 209-217 1.8 34
- 407 Metal Derivatives of 1,3-Imidazolidine-2-thione with Divalent d10 Metal Ions (Zn, Cd, Ni, Cu, Ag) : Synthesis and Structures. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2008**, 634, 718-723 1.3 29
- 406 Variable Bonding Modes of Pyrimidine-2-thione in PdII/PtII Complexes [M(II-N, S-pymS)(II-S-pymS)(PPh3)] and [M(II-S-pymS)2(L-L)] (L-L = dpmm, dppe). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2008**, 634, 747-753 1.3 16
- 405 Metal Derivatives of Heterocyclic Thioamides: Synthesis and Crystal Structures of Copper Complexes with 1-Methyl-1,3-imidazoline-2-thione and 1,3-Imidazoline-2-thione. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2008**, 634, 1785-1790 1.3 31
- 404 Structural Diversity in Zinc Phosphates and Phosphinates: Observation of a Lattice Water Dimer Sandwiched Between Phosphoryl Oxygen Atoms. *European Journal of Inorganic Chemistry*, **2008**, 2008, 1834-1845 2.3 30
- 403 H-Bonded Porous Supramolecular Network of a CuII Complex Assisted by Assembled 2D Sheet of Chair Form Hexameric Water Cluster. *European Journal of Inorganic Chemistry*, **2008**, 2008, 4166-4172 2.3 18
- 402 A pyrazole-based orthogonal ferromagnetically coupled [2D] homoleptic square Cu4 grid: Magnetostructural correlations. *Polyhedron*, **2008**, 27, 105-112 2.7 25
- 401 Synthesis of a new N,N'-ethane-1,2-bis(4-methoxyphenyl)carbothioamide ligand and its Cu(I) and Ag(I) complexes. *Polyhedron*, **2008**, 27, 375-382 2.7 5
- 400 Anion dependent formation of linear trinuclear mixed valance cobalt(III/II/III) complexes and mononuclear cobalt(III) complexes of a pyrazole derived ligand [Synthesis, characterization and X-ray structures. *Polyhedron*, **2008**, 27, 357-365 2.7 17
- 399 Syntheses, characterization and X-ray crystal structures of Co(III) and Mn(II) complexes of pyrimidine derived Schiff base ligands. *Polyhedron*, **2008**, 27, 593-601 2.7 23

- 398 X-ray characterization of $\text{Te}(\text{S}_2\text{CNC}_5\text{H}_{10})_2$ and $\text{TeI}_2[(\text{C}_{13}\text{H}_{10}\text{N}_2\text{S})_2]_4\text{C}_4\text{H}_8\text{TeI}_2$; the first $\text{Te}\cdots\text{I}$ bond cleaved products obtained in the substitution reactions of organo(heterocyclic)tellurium(IV) derivatives. *Polyhedron*, **2008**, 27, 835-848 2.7 9
- 397 Pyridine-2-thione (pySH) derivatives of silver(I): Synthesis and crystal structures of dinuclear $[\text{Ag}_2\text{Cl}_2(\text{E}\text{-pySH})_2(\text{PPh}_3)_2]$ and $[\text{Ag}_2\text{Br}_2(\text{E}\text{-pySH})_2(\text{PPh}_3)_2]$ complexes. *Polyhedron*, **2008**, 27, 1375-1380 2.7 28
- 396 A new coordination mode for tris(2-carboxyethyl)phosphine: Synthesis, crystal structure and characterization of the mixed-valence Co(III)/Co(II)/Co(III) complex $[\text{Co}\{\text{P}(\text{CH}_2\text{CH}_2\text{COO})_2(\text{CH}_2\text{CH}_2\text{COOH})\}_2]_2[\text{Co}(\text{H}_2\text{O})_4][\text{Na}_2(\text{H}_2\text{O})_4]\text{Cl}_2 \cdot 6\text{H}_2\text{O}$. *Polyhedron*, **2008**, 27, 1795-1801 2.7 11
- 395 Two new end-on azido bridged dinuclear copper(II) and cobalt(III) complexes derived from the (E)-N²-(pyridin-2-yl)methylene acetohydrazide Schiff base ligand: Characterisation, crystal structures and magnetic study. *Polyhedron*, **2008**, 27, 2409-2415 2.7 71
- 394 Syntheses and X-ray structural studies of the novel complexes $[\text{Ni}(\text{en})_2(3\text{-pyt})_2]$ and $[\text{Cu}(\text{en})_2](3\text{-pyt})_2$ based on 5-(3-pyridyl)-1,3,4-oxadiazole-2-thione. *Polyhedron*, **2008**, 27, 3151-3159 2.7 23
- 393 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. *Polyhedron*, **2008**, 27, 3267-3274 2.7 39
- 392 Synthesis and X-ray structural studies of N²-(pyridine-3-carbonyl) hydrazinecarbodithioic acid ethyl ester (H₂pchc) and $[\text{Mn}(\text{Hpchc})_2(\text{o-phen})]$. *Polyhedron*, **2008**, 27, 3451-3460 2.7 9
- 391 Rhodium complexes of 1,3-diaryltriazenes: Usual coordination, N \cdots H bond activation and, N \cdots N and C \cdots N bond cleavage. *Journal of Organometallic Chemistry*, **2008**, 693, 3923-3931 2.3 19
- 390 Cyclopentanone thiosemicarbazone (Hcptsc) induces a new bonding pattern in $(\text{Ph}_3\text{P})\text{Cu}(\text{EBr})(\text{B-S}, \text{N}^{\text{H}}\text{cptsc})\text{CuBr}(\text{PPh}_3)$ dimer. *Inorganic Chemistry Communication*, **2008**, 11, 11-14 3.1 28
- 389 The influence of the substituents at N1 nitrogen on geometry of nickel(II) complexes with heterocyclic thiosemicarbazones. *Inorganic Chemistry Communication*, **2008**, 11, 972-974 3.1 31
- 388 Synthesis of a fluorescent gold(I) complex with a thiosemicarbazone, $[\text{Au}_2(3\text{-NO}_2\text{-Hbtsc})_4]\text{Cl}_2 \cdot 2\text{CH}_3\text{CN}$. *Inorganic Chemistry Communication*, **2008**, 11, 1433-1435 3.1 19
- 387 Pseudohalide-induced structural variations in hydrazone-based metal complexes: Syntheses, electrochemical studies and structural aspects. *Inorganica Chimica Acta*, **2008**, 361, 2692-2700 2.7 48
- 386 A second polymorph of E₃arteether. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o585-6 3
- 385 Bis{4-[(Z)-N'-(4-hydroxy-benzyl-idene)hydrazino]-8-(trifluoro-meth-yl)quinolinium} sulfate dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o481-2 1
- 384 Di-E₃bromido-bis-({bis-[2-(2-pyrid-yl)eth-yl]amine}copper(II)) bis-(perchlorate). *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, m323
- 383 5,6-Di-oxo-1,10-phenanthrolin-1-ium trifluoro-methane-sulfonate. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o1543
- 382 {5-Methyl-1-[8-(trifluoro-meth-yl)quinolin-4-yl]-1H-1,2,3-triazol-4-yl}(morpholino)methanone. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o2375 2
- 381 Supramolecular assemblies prepared from an iron(II) tripodal imidazole complex. A molecular scaffolding for the self assembly of icosahedral complexes of K⁺, Rb⁺, Cs⁺ and NH₄⁺ cations. *Dalton Transactions*, **2007**, 4132 4.3 22

380	Synthesis and characterization of a spin crossover iron(II)-iron(III) mixed valence supramolecular pseudo-dimer exhibiting chiral recognition, hydrogen bonding, and pi-pi interactions. <i>Dalton Transactions</i> , 2007 , 295-8	4.3	33
379	Synthesis and characterization of bis(ferrocenylcarboxylato)telluranes. <i>Canadian Journal of Chemistry</i> , 2007 , 85, 534-539	0.9	6
378	Crystal structures of the selenium- and bromo-bridged copper(I) dimers [Cu2(μ-Br)2(SePPh3)2]·[N(CCH3)2] and [Cu2I2(μ-dppm-Se,Se)2]·2CH3CN. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 733-739	1.6	8
377	Organometallic Supramolecular Mixed-Valence Cobalt(I)/Cobalt(II) Aquo Complexes Stabilized with the Water-Soluble Phosphine Ligand p-TPPTP (p-triphenylphosphine triphosphonic acid). <i>Organometallics</i> , 2007 , 26, 2272-2276	3.8	23
376	Room-Temperature Insertion of Elemental Tellurium into the Csp3Br and πBonds of μBromo- and μDopinacolone. <i>Organometallics</i> , 2007 , 26, 1955-1959	3.8	20
375	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
374	Neutral dimeric copperμparfloxacin 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
373	First example of pyrrole-2-carbaldehyde thiosemicarbazone as tridentate dianion in [Pd(μ-N4,N3,S-ptsc)(PPh3)] complex. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 506-509	3.1	30
372	Homo- and hetero-, bi- and tri-nuclear palladium(II) and platinum(II) complexes containing single bridging chalcogenolate of a metallo-ligand, [MCl(ECH2CH2NMe2)(PR3)] (M=Pt, Pd; E=Se, Te). <i>Inorganic Chemistry Communication</i> , 2007 , 10, 1385-1390	3.1	14
371	N-Alkylation of tripodal iron(III) imidazolate complexes: Reactivity and structure. <i>Inorganica Chimica Acta</i> , 2007 , 360, 2153-2161	2.7	11
370	Multiple coordination modes of hemilabile 3-dimethylaminopropyl chalcogenolates in platinum(II) complexes: Synthesis, spectroscopy and structures. <i>Inorganica Chimica Acta</i> , 2007 , 360, 2653-2660	2.7	7
369	Oxomolybdenum(VI) and (IV) complexes of pyrazole derived ONO donor ligands μSynthesis, crystal structure studies and spectroelectrochemical correlation. <i>Polyhedron</i> , 2007 , 26, 133-141	2.7	61
368	Synthesis and structural studies on di-oxovanadium(V) complexes of N(4)-substituted pyrazole based thiosemicarbazones. <i>Polyhedron</i> , 2007 , 26, 773-781	2.7	17
367	Synthesis and structures of monomeric [chloro(isatin-3-thiosemicarbazone)bis(triphenylphosphine)]copper(I) and dimeric [dichlorobis(thiophene-2-carbaldehyde thiosemicarbazone)bis(triphenylphosphine)]dicopper(I)	2.7	40
366	Metal complexes of pyrimidine derived ligands μSyntheses, 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
365	Synthesis, structure and spectroscopic properties of some thiosemicarbazone complexes of platinum. <i>Polyhedron</i> , 2007 , 26, 2741-2748	2.7	25
364	Crystal engineering with aroyl hydrazones of diacetyl monooxime μMolecular and supramolecular structures of two Ni(II) and two Zn(II) complexes. <i>Polyhedron</i> , 2007 , 26, 3703-3714	2.7	46
363	The influence of substituents (R) at the C2 carbon on bonding properties of thiosemicarbazones {RC2(H)N3-N2Hμ1(S)μ1H2} in palladium(II) complexes. <i>Polyhedron</i> , 2007 , 26, 4993-5000	2.7	11

- 362 Organosilicon backbone containing pyridyl/quinolyl ligands: Synthesis, complexation reactions and single crystal structures of metallamacrocyclic Pd(II) and Cu(II) complexes. *Polyhedron*, **2007**, 26, 5477-5488^{2,7} 3
- 361 First organotin complex of a phosphonic diamide RP(O)(NHR)₂. *Journal of Organometallic Chemistry*, **2007**, 692, 1920-1923 2,3 17
- 360 Synthesis, spectral and structural characterisation of ditelluroxanes: Ebxo-bis[nitrato-; 2,4,6-trinitrophenolato-dialkyl tellurium (IV)]. *Journal of Organometallic Chemistry*, **2007**, 692, 2482-2490^{2,3} 17
- 359 (2E)-1-(2,4-Dichlorophenyl)-3-[4-(methylsulfanyl)phenyl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o30-o32 4
- 358 N-[4-Cyano-3-(trifluoromethyl)phenyl]-2-methyloxirane-2-carboxamide: a bicalutamide intermediate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o33-o35
- 357 5-Phenyl-1,3,4-oxadiazole-2(3H)-thione. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o782-o784 16
- 356 3-Aminocyclopent-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o610-o612
- 355 2,3-Diiodo-1-(phenylsulfonyl)-1H-indole. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o671-o672 1
- 354 1-(3-Bromo-2-thienyl)-3-[4-(dimethylamino)phenyl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1005-o1007 4
- 353 catena-Poly[[trimethyltin(IV)]-E2-p-tolylacetato-2 O:O?]. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m673-m674 1
- 352 1-(3-Bromo-2-thienyl)-3-(4-butoxyphenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1201-o1203 4
- 351 1-(3-Bromo-2-thienyl)-3-(6-methoxy-2-naphthyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1430-o1431 6
- 350 1-Methoxypyrrolidine-2,5-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1502-o1503
- 349 1-Oxo-1,2-dihydro-1,4-oxazino[2,3,4-jk]carbazole-4-carbaldehyde. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o2410-o2412 1
- 348 1,5-Bis(4-fluorophenyl)penta-1,4-dien-3-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3213-o3214 2
- 347 Methyl 9-methyl-1-oxo-2,3,4,9-tetrahydro-1H-carbazole-2-carboxylate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3093-o3093
- 346 {1,4-Bis[3-(3-methoxy-2-oxidobenzylideneamino)propyl]piperazine}iron(III) tetrafluoridoborate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m1913-m1914 3
- 345 Artemether. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3291-o3292 4

- 344 2,5-Bis(3,4-dimethoxybenzylidene)cyclopentanone. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3270-o3271 8
- 343 6,6-Diisopropyl-3,3'-dimethyl-2,2'-azinodiphenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3360-o3360 7
- 342 7-Hydroxy-4-methyl-2H-chromen-2-one monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3412-o3413 1
- 341 1,10-Dihydro-3,9-dimethylpyrazolo[3,4-a]carbazole. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3471-o3471
- 340 Methyl 5-bromo-1H-indole-2-carboxylate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3505-o3505 2
- 339 9-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3524-o3524 4
- 338 (2E)-3-(Biphenyl-4-yl)-1-(quinolin-2-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3546-o3546 1
- 337 2,4-Diacetylquinoline. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3557-o3557
- 336 (2E)-3-(4-Fluorophenyl)-1-(3-hydroxyphenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3586-o3586 2
- 335 3,9-Dimethyl-10H-isoxazolo[5,4-a]carbazole. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3631-o3631
- 334 1-(4-[[8-(Trifluoromethyl)quinolin-4-yl]amino]phenyl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3604-o3604
- 333 1-(Quinolin-2-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3603-o3603 6
- 332 2-Bromo-N'-[(E)-4-chlorobenzylidene]-5-methoxybenzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3652-o3652 5
- 331 (2E)-1-(3-Hydroxyphenyl)-3-(4-methylphenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3660-o3660 3
- 330 4-Methoxybenzaldehyde (phthalazin-1-ylidene)hydrazone. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3674-o3674 7
- 329 (2E)-1-(4-Methylphenyl)-3-(4-nitrophenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3680-o3680 1
- 328 2-[5-Chloro-2-[(4-methoxybenzyl)amino]phenyl]-4-cyclopropyl-1,1,1-trifluorobut-3-yn-2-ol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3703-o3704
- 327 Bis(1,10-phenanthroline-5,6-dione- λ N,N')silver(I) perchlorate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2309-m2310 5

- 326 (2E)-1-(3-Bromothien-2-yl)-3-phenylprop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3705-o3706 2
- 325 (2E)-1-(4-Bromophenyl)-3-[4-(methylsulfonyl)phenyl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3731-o3732
- 324 2-[(E)-[(2-Chloro-5-nitrophenyl)imino]methyl]-5-(diethylamino)phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3748-o3748 1
- 323 (E)-3-(4-Fluorophenyl)-1-(4-methylphenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o3833-o3833 3
- 322 3-(4-Methylphenyl)-5-[4-(methylthio)phenyl]-4,5-dihydro-1H-pyrazole-1-carbaldehyde. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4005-o4006 4
- 321 2-(4-Chlorophenyl)-3-[[1E)-(4-chlorophenyl)methylene]amino]-2,3-dihydroquinazolin-4(1H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4025-o4026 1
- 320 (2E)-1-(2,4-Dichlorophenyl)-3-(2,3,4-trimethoxyphenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4059-o4060 1
- 319 3-Bromo-1-(2,4-dichlorophenyl)-2-methoxy-3-(4-methoxyphenyl)propan-1-one- β -bromo-3-(3-chloro-4-methoxyphenyl)- (0.91/0.09). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4123-o4124
- 318 (2E)-3-(3,5-Dichloro-4-methoxy-2,6-dimethylphenyl)-1-(2,4-dichlorophenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4229-o4230
- 317 (2E)-1-(2,4-Dichlorophenyl)-3-[4-(diethylamino)-2-hydroxyphenyl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4231-o4232
- 316 (2E)-3-(2-Bromo-5-methoxyphenyl)-1-(2,4-dichlorophenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4253-o4254 1
- 315 (2Z)-2-Bromo-3-[3,5-dibromo-4-(ethylamino)phenyl]-1-(2,4-dichlorophenyl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4308-o4309 1
- 314 Tetrabutylammonium 5-(2-hydroxyphenyl)-1,3,4-oxadiazole-2-thiolate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4327-o4327 8
- 313 [2,2?-(2,6,9,13-Tetraazatetradeca-1,13-diene-1,14-diyl)diphenolato]iron(III) chloride. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2742-m2743 4
- 312 N-(4-Nitrophenyl)-N?-phenylsuccinamide. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4367-o4367
- 311 N 2-[Bis(benzylsulfonyl)methylene]-2-methoxybenzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4405-o4405 4
- 310 2-(4-Fluorophenyl)-6-phenyltetrahydro-2H-thiopyran-4-one 1-oxide. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4486-o4486 3
- 309 5-(Diethylamino)-2-[(Z)-(1-naphthylimino)methyl]phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4588-o4589

- 308 r-2,c-6-Bis(4-chlorophenyl)-t-3-isopropylpiperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4482-o4482 1
- 307 Bis(2-{1-[2-(2-hydroxyethylamino)ethylimino]propyl}phenolato)-1 μ O,N,N',O';2 μ O,N,N',O'-methanol-2 μ -perchlorato-1:2 μ O:O'-perchlorato-1 μ -dicopper(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, m2863-m2864 2
- 306 (6Z)-3-Diethylamino-6-(3-hydroxyanilinomethylene)cyclohexa-2,4-dien-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4566-o4567 2
- 305 5-Hydroxy-4-methyl-4-azatricyclo[5.2.2.0_{2,6}]undec-8-en-3-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4565-o4565
- 304 t-3-Benzyl-1-formyl-r-2,c-6-diphenylpiperidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4533-o4533 3
- 303 (2E)-3-(4-Fluorophenyl)-1-(thien-2-yl)prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4536-o4536 3
- 302 N'-[Bis(benzylsulfanyl)methylene]-2-furohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4590-o4591 4
- 301 2-[(Z)-(2,5-Dichlorophenyl)iminomethyl]-5-(diethylamino)phenol. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4592-o4593
- 300 BenzylN'-[2-methoxybenzoyl]hydrazinecarbodithioate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4679-o4679 2
- 299 (2E)-3-(4-Chlorophenyl)-1-[4-(methylsulfanyl)phenyl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4716-o4716 5
- 298 1-Acetyl-3-[4-(methylsulfanyl)phenyl]-5-(4-nitrophenyl)-4,5-dihydro-1H-pyrazole. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4770-o4770 1
- 297 1,t-3-Dimethyl-r-2,c-6-diphenylpiperidin-c-4-yl acetate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4826-o4826
- 296 3-(2-Chlorophenyl)-1,5-bis(4-chlorophenyl)pentane-1,5-dione. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4808-o4809 1
- 295 1-{5-Methyl-1-[8-(trifluoromethyl)quinolin-4-yl]-1H-1,2,3-triazol-4-yl}ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4813-o4814 1
- 294 2-[2,6-Bis(2-chlorophenyl)piperidin-4-ylidene]malononitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4853-o4853
- 293 N,N'-Bis(2-acetylphenyl)ethanediamide. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4887-o4888 2
- 292 N,N'-Bis(2-acetylphenyl)ethanediamide, a second polymorph. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4889-o4889 3
- 291 N,N'-Dimethyl-N,N'-bis[2-(2-pyridyl)ethyl](p-phenylenedimethylene)diammonium bis(perchlorate). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4891-o4892

- 290 3-[(E)-4-(2-Nitrophenyl)vinyl]-1-(trifluoromethyl)-1,2,4-triazolo[4,3-a]quinoxaline. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o4867-o4868
- 289 The Influence of the Methyl Substituents at C2 Carbon of Thiosemicarbazones {R1R2C2=N3-N2H-C1(=S)N1H2} on Bonding and Structures of Copper(I) Complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 1820-1826 1.3 18
- 288 Structural aspects of some organoselenium compounds. *Structural Chemistry*, **2007**, 18, 127-132 1.8 24
- 287 Synthesis and characterization of tribenzyltin(IV) and dibenzyltin(IV) complexes of 2-[[[(2Z)-3-hydroxy-1-methyl-2-butenylidene]amino]acetic acid: Crystal structure of tribenzyl{2-[[[(2Z)-3-hydroxy-1-methyl-2-butenylidene] amino]acetato]tin(IV). *Structural Chemistry*, **2007**, 18, 223-230 1.8 17
- 286 Unsymmetrical 1-naphthyltellurium(IV) dihalides: the interplay of Te-Br, C-Br and C-O interactions in the crystal structure of (1-naphthyl)(4-methylphenyl)tellurium(IV) dibromide. *Structural Chemistry*, **2007**, 18, 181-186 1.8 2
- 285 Modification of supramolecular assemblies based on C4H7(CH3)Te heterocycle and cooperative participation of intermolecular I...Te, Te...O secondary bonds; C(sp3)-H...O and C(sp2)-H...O hydrogen bonds. *Structural Chemistry*, **2007**, 18, 223-230 1.8 7
- 284 Methyl substituent at C(2) carbon of acetophenone thiosemicarbazone induces unusual heterobridging in the [(Ph(3)P)Cu(mu-I)(2)(mu-S-Haptsc)Cu(PPh(3))] dimer. *Inorganic Chemistry*, **2007**, 46, 5826-8 5.1 36
- 283 (Acetonitrile)[bis-(2-pyridylmeth-yl)amine]bis-(perchlorato)copper(II). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 64, m233-4 2
- 282 [(6-Methyl-2-pyridylmeth-yl)(2-pyridylmeth-yl)amine][(2-pyridylmeth-yl)amine]copper(II) bis-(perchlorate). *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 64, m74-5
- 281 Self-activating nuclease activity of copper (II) complexes of hydroxyl-rich ligands. *Journal of Inorganic Biochemistry*, **2006**, 100, 51-7 4.2 40
- 280 Anion binding with some 22- and 28-membered selenaza macrocycles: Structural aspects and 77Se NMR studies. *Journal of Organometallic Chemistry*, **2006**, 691, 2793-2809 2.3 7
- 279 The Ligation Properties of some Reduced Schiff Base Selena/Telluraaza Macrocycles: Versatile Structural Trends. *European Journal of Inorganic Chemistry*, **2006**, 2006, 172-184 2.3 22
- 278 Synthesis and Characterization of Some New 22-Membered Chalcogenoaza Macrocycles and Their Coll and Nill Complexes. *European Journal of Inorganic Chemistry*, **2006**, 2006, 5089-5097 2.3 16
- 277 Structures of Mn(II) complexes of bis(2-pyridylmethyl)amine (bpa) and (2-pyridylmethyl)(6-methyl-2-pyridylmethyl)amine (Mebpa): geometric isomerism in the solid state. *Journal of Coordination Chemistry*, **2006**, 59, 1835-1846 1.6 3
- 276 Synthesis and characterization of zinc AP-MOCVD precursors and their utility in the growth of ZnO. *Dalton Transactions*, **2006**, 3806-11 4.3 30
- 275 Stereocontrolled formation of ketomethylene isosteres through tandem chain extension reactions. *Journal of Organic Chemistry*, **2006**, 71, 8140-5 4.2 11
- 274 Synthesis and characterization of manganese(II) and iron(III) d5 tripodal imidazole complexes. Effect of oxidation state, protonation state and ligand conformation on coordination number and spin state. *Dalton Transactions*, **2006**, 1009-19 4.3 38
- 273 Generation and Trapping of Radicals Derived from Cyclobutadieneiron Tricarbonyl. *Organometallics*, **2006**, 25, 3787-3790 3.8 1

272	Studies of a dinuclear manganese complex with phenoxo and bis-acetato bridging in the Mn2(II,II) and Mn2(II,III) states: Coordination structural shifts and oxidation state control in bridged dinuclear complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 3023-33	5.1	35
271	Synthesis of 1D {Cu6(mu3-SC3H6N2)4(mu-SC3H6N2)2(mu-l)214}n and 3D {Cu2(mu-SC3H6N2)2(mu-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
270	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
269	Synthesis and Structure of a Binuclear Cu(II) Complex of 1,3- bis [N,N-bis(2-picolyl)amino]propan-2-ol. <i>International Journal of Molecular Sciences</i> , 2006 , 7, 179-185	6.3	2
268	5-Methyl-3-(5-methylisoxazol-3-yl)cyclohex-2-enone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o215-o217		3
267	5,5-Dimethyl-3-(5-methylisoxazol-3-yl)cyclohex-2-enone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o218-o220		2
266	Octakis(beta-tert-butylthiolato)bis(tert-butylthiolato)hexakis(1-methylpyrrolidin-2-one)-beta-sulfido-hexabarium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m342-m344		3
265	cis-3-Azabicyclo[3.2.0]heptane-2,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1266-o1268		2
264	N-(2-Methoxythiobenzoyl)pyridine-2-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1405-o1407		
263	3-(3,4-Dimethoxyphenyl)-1-(4-fluorophenyl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1633-o1635		11
262	2,3-Dibromo-1-(4-methoxyphenyl)-3-[4-(methylsulfonyl)phenyl]propan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1629-o1630		3
261	2-Bromo-1-(4-methylphenyl)-3-[4-(methylsulfonyl)phenyl]prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1659-o1661		1
260	2,6-Bis(4-methoxybenzylidene)cyclohexanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1910-o1912		3
259	1,5-Bis(4-chlorophenyl)penta-1,4-dien-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o1973-o1975		6
258	Chalcone and its hydroxobromo derivative: a 1:1 mixed crystal containing chalcone and 2-bromo-3-hydroxy-1-(4-methylphenyl)-3-[4-(methylsulfonyl)phenyl]propan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o2350-o2352		
257	2,3-Dibromo-3-(4-methoxyphenyl)-1-phenylpropan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o2525-o2527		2
256	mer-Bis(diethylenetriamine)zinc(II) dichloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1562-m1564		
255	4-Amino-6-phenyl-3-thioxo-2,3-dihydro-1,2,4-triazin-5(4H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o2702-o2704		

- 254 4-[5-(Benzylsulfanyl)-1,3,4-oxadiazol-2-yl]pyridine from a single-pot reaction. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, o3473-o3474 5
- 253 3-Cyclohexylaminopropane-1-sulfonic acid hemihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, o3768-o3770 1
- 252 Methyl 5-chloro-1H-indole-2-carboxylate. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, o3915-o3917 1
- 251 2-Amino-(1-methylphenyl)pyridinium bromide. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, o4010-o4011
- 250 1-Allyl-4-aminopyridinium bromide. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, o4730-o4731 1
- 249 Amlodipine mesylate monohydrate: a twinned and disordered structure. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, o5814-o5816 1
- 248 The interplay of hydrogen-bonding and metal-coordination motifs in the formation of supramolecular patterns: Copper/zinc malonates π -iminopyrimidine complexes. *Inorganic Chemistry Communication*, **2006**, 9, 1155-1160 3.1 15
- 247 Enaminones 9. Further studies on the anticonvulsant activity and potential type IV phosphodiesterase inhibitory activity of substituted vinylic benzamides. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 997-1006 3.4 13
- 246 3-Dimethylaminopropyl chalcogenolate complexes of palladium(II): Syntheses and characterization, including the crystal structures of [Pd(OAc)(ECH₂CH₂CH₂NMe₂)]₂[H₂O] (E=S, Se) and [PdCl(TeCH₂CH₂CH₂NMe₂)]₂. *Inorganica Chimica Acta*, **2006**, 359, 1449-1457 2.7 32
- 245 Synthesis and characterization of Cu(II) and Ni(II) complexes of a tripodal ligand containing imidazoles. *Inorganica Chimica Acta*, **2006**, 359, 1263-1268 2.7 15
- 244 Structure and characterization of a π -phenoxo-bis π -acetato dinuclear Mn(II,II) complex [Mn₂(LO)(OAc)₂](ClO₄) (LOH=2,6-bis{bis(2-(2-pyridyl)ethyl)aminomethyl}-4-methylphenol): Substituent effects. *Inorganica Chimica Acta*, **2006**, 359, 4463-4469 2.7 14
- 243 Synthesis, spectroscopy and structures of o-diphenylphosphinobenzoic acid complexes of diorganotin (IV), palladium (II) and platinum (II). *Polyhedron*, **2006**, 25, 87-94 2.7 9
- 242 Role of electronic factors in the formation of anionic complexes of tellurium(IV): Crystal structure of bis(4-methylbenzoylmethyltriphenylphosphonium) hexabromotellurate(IV). *Polyhedron*, **2006**, 25, 747-752 2.7
- 241 Synthesis, crystal structures and multinuclear NMR spectroscopy of copper(I) complexes with benzophenone thiosemicarbazone. *Polyhedron*, **2006**, 25, 2755-2763 2.7 69
- 240 Thiosemicarbazones of ruthenium(II): Crystal structures of [bis(diphenylphosphino)butane][bis(pyridine-2-carbaldehydethiosemicarbazonato)] ruthenium(II) and [bis(triphenylphosphine)][bis(benzaldehydethiosemicarbazonato)] ruthenium(II). *Polyhedron*, **2006**, 25, 2897-2903 2.7 36
- 239 Unprecedented formation of selenido-bridged tri-nuclear palladium(II) and platinum(II) complexes, [M₃(B-Se)₂(P?P)₃]₂⁺, via CBe bond cleavage. *Polyhedron*, **2006**, 25, 3159-3164 2.7 10
- 238 Synthesis and characterization of some π -naphthyl selenium/tellurium derivatives: X-ray crystal structure of benzyl-1-naphthyl selenide and diphenylmethyl-1-naphthyl selenide. *Journal of Organometallic Chemistry*, **2006**, 691, 621-628 2.3 5
- 237 Structural characterization of rare intramolecularly (1,4-Te π N) bonded diorganotellurides and their monomeric complexes with mercury(II) halides: Metal assisted CBe π X (Hg) interactions leading to supramolecular architecture. *Journal of Organometallic Chemistry*, **2006**, 691, 1954-1964 2.3 10

- 236 Dibenzyltin(IV) complexes of the 5-[(E)-2-(aryl)-1-diazenyl]quinolin-8-olates: Synthesis and an investigation of structures by X-ray diffraction, solution and solid-state tin NMR, ¹¹⁹Sn Mössbauer and electrospray ionization MS. *Journal of Organometallic Chemistry*, **2006**, 691, 2605-2613 2.3 21
- 235 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. *Journal of Organometallic Chemistry*, **2006**, 691, 1870-1878 2.3 49
- 234 1-Naphthyl- and mesityltellurium(IV, II) derivatives of small bite chelating organic ligands: Effect of steric bulk and intramolecular secondary bonding interaction on molecular geometry and supramolecular association. *Journal of Organometallic Chemistry*, **2006**, 691, 5887-5894 2.3 8
- 233 Selective nitrosation of guanazine: preparation of azidoaminotriazole and nitrosoguanazine anion[Cu(II) complexes. *Tetrahedron Letters*, **2006**, 47, 6663-6666 2 21
- 232 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. *Transition Metal Chemistry*, **2006**, 31, 79-87 2.1 45
- 231 Copper(II) mediated anion dependent formation of Schiff base complexes. *Inorganic Chemistry*, **2005**, 44, 3880-9 5.1 56
- 230 Non-interpenetrating transition metal diorganophosphate 2-dimensional rectangular grids from their 1-dimensional wires: structural transformations under mild conditions. *Inorganic Chemistry*, **2005**, 44, 6314-23 5.1 60
- 229 o-hydroxymethylphenylchalcogens: synthesis, intramolecular nonbonded chalcogen...OH interactions, and glutathione peroxidase-like activity. *Journal of Organic Chemistry*, **2005**, 70, 9237-47 4.2 127
- 228 Intramolecular interactions between chalcogen atoms: organoseleniums derived from 1-bromo-4-tert-butyl-2,6-di(formyl)benzene. *Journal of Organic Chemistry*, **2005**, 70, 3693-704 4.2 54
- 227 Oxabicyclo[3.2.1]octane derivatives as highly reactive dienophiles: synthesis of bicyclo[5.n.0] systems. *Organic Letters*, **2005**, 7, 423-5 6.2 7
- 226 Crystal structures of organomercury(II) derivatives of cyclohexanone and benzaldehyde thiosemicarbazones. *Journal of Coordination Chemistry*, **2005**, 58, 1369-1375 1.6 9
- 225 Synthesis, Spectral Studies, and Structural Characterization of a New Organosilanetriol, Its Amine Complexes, and a Surface Lewis Basic Cubic Aluminosilicate. *Organometallics*, **2005**, 24, 2124-2128 3.8 29
- 224 Rhodium and iridium complexes of N-(2'-hydroxyphenyl)pyrrole-2-alimine: Synthesis, structure, and spectral and electrochemical properties. *Journal of Chemical Sciences*, **2005**, 117, 167-173 1.8 16
- 223 Secondary bonding in functionalized organotellurium compounds: preparation and structural characterization of bis(acetamido)tellurium(IV) diiodide and bis(4-methylbenzoylmethyl)tellurium(II). *Journal of Organometallic Chemistry*, **2005**, 690, 313-321 2.3 15
- 222 The interplay of secondary Te?N, Te?O, Te?I and I?I interactions, Te?I contacts and π -stacking in the supramolecular structures of [(2-(4-nitrobenzylideneamino)-5-methyl}phenyl)(4-methoxyphenyl)tellurium dihalides. *Journal of Organometallic Chemistry*, **2005**, 690, 1359-1355 2.3 19
- 221 Synthesis and spectroscopic characterisation of new nickel (II) complexes with 5-methyl-3-formylpyrazole-3-piperidinylthiosemicarbazone (HMPz3Pi): X-ray structures of HMPz3Pi and [Ni(HMPz3Pi)₂]Cl₂ · 2H₂O with indication for unusual rotation about the azomethine double bond of the free ligand on complexation. *Polyhedron*, **2005**, 24, 1015-1022 2.7 7
- 220 Synthesis and X-ray crystallographic characterization of copper and iron complexes with tetradentate-N₄ ligands: Reactivity towards catechol oxidation. *Polyhedron*, **2005**, 24, 2921-2932 2.7 28
- 219 A rare supramolecular assembly (stairs) of (cyclic tellurane) 1,3-dihydro-2H-benzotellurole-2,2-diyldicinnamate [C₈H₈Te(OCOCHCHC₆H₅)₂] based on intermolecular and intramolecular Te... secondary bonds and assisted by C...H hydrogen bonds. *Inorganica Chimica Acta*, **2005**, 358, 227-232 2.7 9

218	Conformational control of spin state in iron(II) tripodal imidazole complexes. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3441-3448	2.7	28
217	Studies on the Diels-Alder reaction of annulated furans: application to the synthesis of substituted phenanthrenes. <i>Tetrahedron Letters</i> , 2005 , 46, 2789-2793	2	10
216	Theoretical and experimental investigations on the structure and vibrational spectra of 4-(((1Z)-1-methyl-3-oxobut-1-enyl)amino)benzoic acid. <i>Computational and Theoretical Chemistry</i> , 2005 , 722, 57-63		1
215	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
214	The Hexakis(thiocyanato)ferrate(III) Ion: a Coordination Chemistry Classic Reveals an Interesting Geometry Pattern for the Thiocyanate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2404-2408	2.3	14
213	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
212	Synthesis of a Metallophilic Metallamacrocycle: A HgII...CuI...HgII...HgII...CuI...HgII Interaction. <i>Angewandte Chemie</i> , 2005 , 117, 1743-1745	3.6	9
211	catena-Poly[[[diaquacadmium(II)]-di- μ -thiocyanato] bis(2-amino-4,6-dimethylpyrimidine)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m63-m65		1
210	Tetraaquadithiocyanatonickel(II) tetrakis(2-amino-4,6-dimethylpyrimidine) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m204-m206		1
209	A quasi-planar polyaromatic compound containing an azo and a Schiff base linkage. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o1007-o1009		12
208	Bis[μ -bis(4-nitrophenyl)phosphato- μ -O]bis[[bis(2-pyridylmethyl)amine- β -N,N',N'']]copper(II) diperchlorate acetonitrile hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m818-m821		3
207	2-Formylthymol oxime. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o3511-o3513		8
206	12-Methoxy-15-(4-morpholino)podocarpa-8,11,13-trien-15-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o3791-o3793		
205	Aqua[N,N'-ethylenebis(5-nitrosalicylideneiminato)]methanolmanganese(III) perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m2618-m2620		2
204	Synthesis and spectroscopy of nickel(II) complexes with 5-methyl-3-formylpyrazole N(4)-methyl-N(4)-cyclohexyl thiosemicarbazone (HMPz4MCy): X-ray crystal structure of [Ni(HMPz4MCy) ₂ Cl ₂ ·5H ₂ O]. <i>Transition Metal Chemistry</i> , 2004 , 29, 75-80	2.1	7
203	Metal-thiosemicarbazone 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
202	Telluranes: potential synthons for charge-transfer complexes (involving hypervalent Te π bonds) and serendipitous synthesis of the first triphenyl methyl phosphonium salts containing [C ₄ H ₈ TeI ₄] ²⁺ and [TeI ₆] ²⁻ anions. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 194-202	2.3	27
201	Tellurium azamacrocycles: synthesis, characterization and coordination studies. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1452-1463	2.3	24

200	Tetra- E chloro-chloro(N,N,N',N'-tetramethylethane-1,2-diamine)(1,1,3-trimethyl-2-imidazolium)dicopper(I)copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, m102-m104		2
199	A supramolecular ladder in diaqua(β -hydroxy-7-iodoquinoline-5-sulfonato- β -N,O,O',O'')cadmium(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, m62-m64		4
198	2,5,7-Trinitro-2,5,7,9-tetraazabicyclo[4.3.0]nonan-8-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, o1376-o1378		2
197	TrimethoprimHydrogen malonate (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, o2350-o2352		2
196	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
195	Structural sources of chiral discrimination in diastereoisomeric Ru(II) complexes of aromatic aminoacids and diimines. <i>Inorganica Chimica Acta</i> , 2004 , 357, 4614-4617	2.7	3
194	Synthesis and reactivity of para-substituted benzoylmethyltellurium(II and IV) compounds: observation of intermolecular C-H \cdots O hydrogen bonding in the crystal structure of (p-MeOC ₆ H ₄ COCH ₂) ₂ TeBr ₂ . <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 345-351	2.3	17
193	Synthesis and spectroscopic characterization of new cobalt(III) complexes with 5-methyl-3-formyl pyrazole 3-hexamethyleneiminyl thiosemicarbazone (HMPz3Hex): X-ray crystallographic identification of HMPz3Hex and [Co(MPz3Hex) ₂]BrH ₂ O with evidence for unusual rotation about the azomethine double bond of the ligand on complexation with cobalt(III). <i>Polyhedron</i> , 2004 , 23, 5-14	2.7	35
192	Cis-[PtCl ₂ (p-TPPTP(H) ₇) ₂]Cl ₂ H ₂ O[(CH ₃ CH(OH)CH ₃): a platinum phosphine complex exhibiting both inter- and intra-molecular hydrogen bonding. <i>Polyhedron</i> , 2004 , 23, 1375-1378	2.7	7
191	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
190	Synthesis, X-ray crystal structures and multinuclear NMR characterization of Hg(II) complexes of 2-[(E)-2-(aryl)-1-diazenyl]pyridine. <i>Polyhedron</i> , 2004 , 23, 2323-2329	2.7	13
189	Synthesis of organochalcogens stabilized by intramolecular non-bonded interactions of sterically unhindered 2-phenyl-2-oxazoline. <i>New Journal of Chemistry</i> , 2004 , 28, 640	3.6	34
188	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
187	A family of decamethylmetallocene charge-transfer salt magnets using methyl tricyanoethylenecarboxylate (MTCE) as the electron acceptor. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16890-5	16.4	24
186	Synthesis and structure of mercurous ion and dinuclear lead(II) complexes of the 28-membered selenaza macrocycle: dominance of the chelate ring size effect and conformational requirement over soft-soft interactions. <i>Inorganic Chemistry</i> , 2004 , 43, 8532-7	5.1	25
185	Synthesis, structure, and catalytic properties of V(IV), Mn(III), Mo(VI), and U(VI) complexes containing bidentate (N, O) oxazine and oxazoline ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 5704-13	5.1	32
184	A base-catalyzed solution-phase parallel synthesis of substituted vinylic benzamides from 3-amino-2-cyclohexanones. <i>ACS Combinatorial Science</i> , 2004 , 6, 950-4		11
183	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

182	Cobalt and manganese nets via their wires: facile transformation in metal-diorganophosphates. <i>Inorganic Chemistry</i> , 2004 , 43, 7585-7	5.1	57
181	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
180	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
179	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
178	Chelate Ring Size Effect on the Reactivity of [2-(2-Phenyl-5,6-dihydro-4H-1,3-oxazinyl)]lithium and Se···N Interactions in Low-Valent Organoselenium Compounds: Facile Isolation of Diorganotriseselenide. <i>Organometallics</i> , 2004 , 23, 4199-4208	3.8	63
177	The structure of nitrocubane: the last in the series of nitrocubanes. <i>Journal of Chemical Crystallography</i> , 2003 , 33, 281-285	0.5	8
176	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
175	Model compounds for galactose oxidase: The crystal and molecular structure of dimeric (4-methylpyridine-N) (N-salicylidene-tyrosinato-O, N, O?)copper(II). <i>Journal of Chemical Crystallography</i> , 2003 , 33, 891-895	0.5	7
174	Synthesis, spectroscopy and cyclic voltammetry of cobalt(III) complexes with 5-methyl-3-formylpyrazole N(4)-cyclohexylthiosemicarbazone (HMPz4Cy): X-ray crystal structure of [Co(MPz4Cy) ₂]Cl · 2.75H ₂ O. <i>Transition Metal Chemistry</i> , 2003 , 28, 229-234	2.1	10
173	Palladium(II) and platinum(II) complexes of Schiff bases derived from 2,6-diacetylpyridine and S-methyldithiocarbamate and the X-ray crystal structure of the [Pd(mdapsme)Cl] complex. <i>Transition Metal Chemistry</i> , 2003 , 28, 241-245	2.1	23
172	Synthesis and characterization of some dibutylbis{5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoato}tin(IV) compounds. Toxicity studies of di- and tri-organotin complexes on the second instar of <i>Aedes aegypti</i> mosquito larvae. <i>Applied Organometallic Chemistry</i> , 2003 , 17, 261-267	3.1	25
171	Synthesis and characterization of new manganese(III) complexes having N ₄ O ₂ donor sets: study of the X-ray crystal structure of [Mn(5-Br-sal-N-1,4,7,10)]ClO ₄ and its electron transfer kinetics with sulfur(IV). <i>Inorganica Chimica Acta</i> , 2003 , 351, 27-33	2.7	10
170	Synthesis, characterization and structures of diphenyldiaminosilanes bearing bulky substituents on nitrogen. <i>Journal of Organometallic Chemistry</i> , 2003 , 675, 65-71	2.3	21
169	Synthesis and spectroscopic identification of new iron(III) complexes with 5-methyl-3-formylpyrazole-3-piperidinylthiosemicarbazone (HMPz3Pi): X-ray structure of [Fe(MPz3Pi) ₂]ClO ₄ · 2H ₂ O. <i>Polyhedron</i> , 2003 , 22, 375-381	2.7	12
168	Synthesis and spectroscopic characterisation of cobalt(III) and nickel(II) complexes with 5-methyl-3-formylpyrazole-N(4)-dibutylthiosemicarbazone (HMPzNBu ₂): X-ray crystallography of [Co(MPzNBu ₂) ₂]NO ₃ · H ₂ O (I) and [Ni(HMPzNBu ₂) ₂](ClO ₄) ₂ (II). <i>Polyhedron</i> , 2003 , 22, 383-390	2.7	34
167	Aqua(pyridine- η^1)(N-salicylidene)tyrosinato- β O,N,O?copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m20-m22		3
166	(Piperidine- η^1)[N-(salicylidene)phenylalaninato- β O,N,O?]copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m61-m63		3
165	Potassium 1,3,4,6-tetranitro-2,5-diazapentalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m591-m593		3

164	Ammonium 1,3,4,6-tetranitro-2,5-diazapentalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, o1149-o1150		2
163	1-Nitro-7,8-diazapentalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, o1777-o1779		3
162	1,3,4-Trinitro-7,8-diazapentalene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, o1780-o1782		5
161	Trichloro(2,6-di-2-pyridylpyridine- β N)indium(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m1107-m1109		5
160	catena-Poly[[[(pyridine- β N)copper(II)]- β N-salicylideneglycinato- β O,N,O \rightarrow :O \rightarrow]]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m1104-m1106		5
159	Chemically induced cyclometalation of 2-(aryloxy)phenols. Synthesis, characterization, and redox properties of a family of organoosmium complexes. <i>Inorganic Chemistry</i> , 2003 , 42, 5405-11	5.1	34
158	Influence of Both Steric Effects and Te \cdots N Intramolecular Nonbonded Interactions on the Stabilization of Organotellurium Compounds Incorporating [2-[1-(3,5-Dimethylphenyl)-2-naphthyl]-4,5-dihydro-4,4-dimethyloxazole]. <i>Organometallics</i> , 2003 , 22, 5069-5078	3.8	26
157	Adduct formation between alkali metal ions and anionic LV(V)O(2)(-) (L(2-) = tridentate ONS ligands) species: syntheses, structural investigation, and photochemical studies. <i>Inorganic Chemistry</i> , 2003 , 42, 6284-93	5.1	18
156	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
155	Contrasting Behavior of Bis[2-(4,4-dimethyl-2-oxazolonyl)phenyl] Chalcogenides (Se/Te) toward Mercuric Chloride: Facile Cleavage of the Te \cdots Bond. <i>Organometallics</i> , 2003 , 22, 5473-5477	3.8	36
154	Experimental and Theoretical Studies of Bonding and Oxidative Addition of Germanes and Silanes, EH ₄ -nPhn (E = Si, Ge; n = 0 β), to Mo(CO)(diphosphine) ₂ . The First Structurally Characterized Germane π Complex. <i>Organometallics</i> , 2003 , 22, 5307-5323	3.8	55
153	Investigation of the mercury(II) coordination chemistry of tris[(1-methylimidazol-2-yl)methyl]amine by X-ray crystallography and NMR. <i>Dalton Transactions</i> , 2003 , 2578-2584	4.3	20
152	Synthesis of some benzimidazole-, benzothiazole- and pyridine-derived chelating agents. <i>Journal of Heterocyclic Chemistry</i> , 2002 , 39, 399-404	1.9	4
151	2,4,6,8,10,12-Hexabenzyl-5-(nitromethylene)-2,4,6,8,10,12-hexaazatricyclo[7.3.0.0 ^{3,7}]dodecane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o120-o122		
150	4,7-Dichlorotricyclo[3.1.1.0 ^{3,6}]heptane-2-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o860-o861		2
149	Bis(2-pyridylmethyl)ammonium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o858-o859		2
148	1,2,3,4,5,7-Hexanitrocubane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o978-o980		1
147	Bis(2-pyridylethyl)ammonium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o1204-o1206		1

146	Synthesis and spectroscopic characterisation of cobalt(III) complexes with S-benzyl- β -N-(5-methylpyrazole-3-yl)methylenedithiocarbazate (H2L): X-ray structures of [Co(HL)2]NO3[EtOH] (1) and [Co(HL)(L)]H2O (2). <i>Polyhedron</i> , 2002 , 21, 1-6	2.7	22
145	Synthesis and spectroscopic studies of cobalt(III) complexes with 5-methyl-3-formylpyrazole-N(4)-diethylthiosemicarbazone (HMPzNET2): X-ray crystallography of [Co(MPzNET2)2]ClO4[2H2O] (I) and [Co(MPzNET2)2]BF4[2H2O] (II). <i>Polyhedron</i> , 2002 , 21, 779-785	2.7	15
144	C(sp ³)?H?O and C(sp ²)?H?O hydrogen bonds in acyclic- and cyclic-organotellurium carboxylates. <i>Journal of Organometallic Chemistry</i> , 2002 , 649, 70-77	2.3	15
143	The synthesis and structural characterization of some triorganotin(IV) complexes of 2-[[β -(E)-1-(2-hydroxyaryl)alkylidene]amino}acetic acid. Crystal and molecular structures of Ph3Sn(2-OHC6H4C(H)?NCH2COO) and Me3Sn(2-OHC6H4C(CH3)?NCH2COO). <i>Journal of Organometallic Chemistry</i> , 2002 , 658, 34-42	2.3	44
142	Synthesis, spectroscopic characterisation of 1,1,2,3,4,5,6-heptahydro-1,1-di(carboxylato)telluranes and 1,3-dihydro-2 β -benzotellurole-2,2-diyl dicarboxylates: Crystal structures of 1,1,2,3,4,5,6-heptahydro-1,1-di(benzoato)tellurane and 1,3-dihydro-2 β -benzotellurole-2,2-diyl dibenzoate. <i>Journal of Organometallic Chemistry</i> , 2002 , 658, 34-42	2.3	11
141	Synthesis and characterization of monomeric diorganotellurium dihalides: crystal and molecular structures of diphenacyltellurium dibromide and -diiodide. <i>Journal of Organometallic Chemistry</i> , 2002 , 658, 169-175	2.3	29
140	The structural chemistry of energetic compounds containing geminal-difluoramino groups. <i>Thermochimica Acta</i> , 2002 , 384, 219-227	2.9	10
139	Synthesis and structural characterisation of new iron(III) complexes with biologically relevant pyrazolyl thiosemicarbazones. <i>Inorganica Chimica Acta</i> , 2002 , 339, 348-354	2.7	22
138	Rhodium-mediated delamination of layered copper and zinc vinylphosphonates. <i>Dalton Transactions RSC</i> , 2002 , 824		11
137	Preparation, characterization and antifungal properties of nickel(II) complexes of tridentate ONS ligands derived from N-methyl-S-methyldithiocarbazate and the X-ray crystal structure of the [Ni(ONMeS)CN]H2O complex. <i>Transition Metal Chemistry</i> , 2002 , 27, 27-33	2.1	31
136	Magnetic, spectroscopic and biological properties of copper(II) complexes of the tridentate ligand, β -N-methyl-S-methyl- β -N-(2-pyridyl)methylenedithiocarbazate (NNS) and the X-ray crystal structure of the [Cu(NNS)I2] complex. <i>Transition Metal Chemistry</i> , 2002 , 27, 262-267	2.1	7
135	The preparation and characterization of mono- and bis-chelated cadmium(II) complexes of the di-2-pyridylketone Schiff base of S-methyldithiocarbazate (Hdpksme) and the X-ray crystal structure of the [Cd(dpksme)2] \cdot 0.5 MeOH complex. <i>Transition Metal Chemistry</i> , 2002 , 27, 268-273	2.1	34
134	A new class of flexible energetic salts. Part 7: The structures of the guanidinium and hydroxyguanidinium salts of dinitramide. <i>Journal of Chemical Crystallography</i> , 2002 , 32, 477-484	0.5	16
133	Intramolecularly Coordinated Diorgananyl Ditellurides: β -Thiol Peroxidase-like Antioxidants. <i>Organometallics</i> , 2002 , 21, 884-892	3.8	79
132	Oxovanadium(V) and cobalt(III) complexes of dithiocarbazate-based Schiff base ligands: formation of a thiadiazole ring by vanadium-induced cyclization of the coordinated ligand. <i>Inorganic Chemistry</i> , 2002 , 41, 5555-60	5.1	32
131	Chemistry of some amino acid complexes of ruthenium. Synthesis, characterization, and DNA binding properties. <i>Inorganic Chemistry</i> , 2002 , 41, 4605-9	5.1	34
130	Synthesis and crystal structures of two new (Te, N,) type hybrid organotellurium ligands. <i>Journal of Chemical Research</i> , 2001 , 2001, 339-341	0.6	4
129	Synthesis and characterization of copper(II) complexes of the methylpyruvate Schiff base of S-methyldithiocarbazate (Hmpsme) and the X-crystal structures of Hmpsme and [Cu(mpsme)Cl]. <i>Polyhedron</i> , 2001 , 20, 1037-1043	2.7	25

- 128 2,6-Diamino-3,5-dinitro-1,4-pyrazine dimethyl sulfoxide solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o757-o759 5
- 127 2,6-Diamino-3,5-dinitropyrazine. *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o738-o740
- 126 6,8-Dinitro-2,4-dioxa-6,8-diazabicyclo[3.3.0]octan-3-one. *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o891-o892
- 125 2,5-Dinitro-7,9-dioxa-2,5-diazabicyclo[4.3.0]nonan-8-one. *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o913-o915 1
- 124 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. *Journal of Organometallic Chemistry*, **2001**, 623, 87-94 2.3 43
- 123 Synthesis and characterization of triorganotin(IV) complexes of 5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoic acids.. *Journal of Organometallic Chemistry*, **2001**, 633, 7-17 2.3 67
- 122 Synthetic, spectroscopic, biological and X-ray crystallographic structural studies on a novel pyridine-nitrogen-bridged dimeric nickel(II) complex of a pentadentate N3S2 ligand. *Inorganica Chimica Acta*, **2001**, 320, 1-6 2.7 86
- 121 Synthesis, crystal structure, spectral studies, and catechol oxidase activity of trigonal bipyramidal Cu(II) complexes derived from a tetradentate diamide bisbenzimidazole ligand. *Inorganic Chemistry*, **2001**, 40, 878-85 5.1 93
- 120 Design, Synthesis and Structural Aspects of NH₂(CH₂)_nE(CH₂)_nNH₂ (n=2 or 3; E=Se or Te) N₂Se or N₂Te Donors and its Complexes with Group 12 Metals. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2001**, 172, 239-246 1
- 119 Design, Synthesis and Structural Aspects of Acyclic N₃E₂ (E=Se or Te) Type Donors and its Complexes with Group 12 Metals. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2001**, 172, 223-230 1 5
- 118 Glutathione peroxidase-like antioxidant activity of diaryl diselenides: a mechanistic study. *Journal of the American Chemical Society*, **2001**, 123, 839-50 16.4 284
- 117 Intramolecularly Coordinated Organoselenium Derivatives: Syntheses, Structure and Reactivity. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2001**, 171, 187-205 1 6
- 116 First characterisation of weak hydrogen bonds in organoantimony compounds: CBr₄/ClSb-mediated, zig-zag, supramolecular polymeric architecture in [Ph₂Sb(Cl){S₂C₂(CN)₂}]. *CrystEngComm*, **2001**, 3, 64-66 3.3 3
- 115 Design, Synthesis and Structural Aspects of Terdentate (N,O,Se/Te) Donors and their Competitive Coordination Behavior towards Pt(II). *Phosphorus, Sulfur and Silicon and the Related Elements*, **2001**, 172, 231-238 1 1
- 114 Synthesis and characterization of new bis[2-(4,4-dimethyl-2-oxazoliny)phenyl] chalcogenides: Crystal and molecular structure of bis[2-(4,4-dimethyl-2-oxazoliny)phenyl] telluride. *Journal of Chemical Research*, **2000**, 2000, 160-161 0.6 8
- 113 Secondary bonds induced supramolecular assemblies in the crystals of 1,1,2,3,4,5-hexahydro-1,1-diiodotellurophene; 1,1,2,3,4,5,6-heptahydro-1,1-diiodotellurane and 1,3-dihydro-2H-benzotellurole-2,2-diyl diiodide. *Journal of Organometallic Chemistry*, **2000**, 608, 96-105 2.3 18
- 112 Synthesis and characterization of two tris-chelate complexes of cobalt(III) with 3,5-dimethyl-1-(N-methyl/ethyl)thiocarbamylpyrazole (HL1, HL2)Biologically important bidentate ligands with one ambidentate donor site. *Polyhedron*, **2000**, 19, 2651-2655 2.7 13
- 111 Synthesis and characterisation of nickel(II) complexes with tripodal ligand tris[4-(3-(5-methylpyrazolyl)-3-aza-3-butenyl] amine (MPz3tren): X-ray crystal structure of [Ni(MPz3tren)](BF₄)₂·D₂O·5H₂O. *Polyhedron*, **2000**, 19, 2661-2666 2.7 13

110	Nickel(II), copper(II), palladium(II) and platinum(II) complexes of bidentate SN ligands derived from S-alkyldithiocarbazates and the X-ray crystal structures of the [Ni(tasbz) ₂] and [Cu(tasbz) ₂] ·CHCl ₃ complexes. <i>Transition Metal Chemistry</i> , 2000 , 25, 430-436	2.1	21
109	A new class of flexible energetic salts, part 6: the structures of the hydrazinium and hydroxylammonium salts of dinitramide. <i>Journal of Chemical Crystallography</i> , 2000 , 30, 599-604	0.5	16
108	Synthetic organoselenium compounds as antioxidants: glutathione peroxidase activity. <i>Chemical Society Reviews</i> , 2000 , 29, 347-357	58.5	535
107	A UNIQUE SUPRAMOLECULAR STRUCTURE OF POLY [EDXO-BIS(1,1,2,3,4,5-HEXAHYDRO-1-NITRATOTELLUROPHENE)] [(C ₄ H ₈ TENO ₃) ₂ O] _N WITH 0-TE-0-TE-0 CROSS LINKED CHAINS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000 , 161, 135-141	1	11
106	Nickel(II) complexes with dithiadiiminoamine and dithiabis(thiosemicarbazone) ligands. <i>Dalton Transactions RSC</i> , 2000 , 335-341		47
105	A Comparative Study of Cryptand-Based (Triple-Head and Triple-Tail) Amphiphiles at the Air/Water Interface. <i>Langmuir</i> , 2000 , 16, 1910-1917	4	8
104	Pentafluorosulfanyl nitramide salts. <i>Inorganic Chemistry</i> , 2000 , 39, 843-50	5.1	30
103	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
102	Synthesis and characterization of monomeric tellurolato complexes of zinc and cadmium: crystal and molecular structure of bis[2-(4,4-dimethyl-2-oxazolonyl)phenyl]ditelluride. <i>Journal of Organometallic Chemistry</i> , 1999 , 577, 243-248	2.3	35
101	Synthesis, spectroscopic characterisation of 1,1,2,3,4,5-hexahydro-1,1-dicarboxylatotellurophenes and crystal structures of 1,1,2,3,4,5-hexahydro-1,1-di(benzoato)- and 1,1-di(4-nitrobenzoato)tellurophene. <i>Journal of Organometallic Chemistry</i> , 1999 , 586, 119-124	2.3	16
100	Novel chiral organoselenenyl halides stabilized by Se···N nonbonded interactions: synthesis and structural characterization. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 237-242		42
99	Synthesis and spectroscopic characterisation of copper(II) complexes with 5-methyl-1-(2-pyridyl)pyrazole-3-carboxamide (MPyPzCA): X-ray crystal structure of [Cu(MPyPzCA) ₂ (H ₂ O)](ClO ₄) ₂ . <i>Polyhedron</i> , 1999 , 18, 1323-1328	2.7	30
98	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
97	Synthetic, spectroscopic and X-ray crystallographic structural studies on some copper(II) complexes of the 6-methylpyridine-2-carboxaldehyde Schiff base of S-methyldithiocarbazate. <i>Inorganica Chimica Acta</i> , 1999 , 287, 8-13	2.7	24
96	Structural and spectral studies of binuclear copper(II) 2-acetylpyridine 3-azacyclothiosemicarbazones with sulfato bridges. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 1089-1095	0.5	5
95	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
94	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
93	trans Influence of Telluro- and Thio-ether Donor Sites: First Palladium(II) Complex, [PdCl ₂ {4-MeOC ₆ H ₄ TeCH ₂ CH ₂ SEt}], showing their Relative Magnitude in the Same Molecule. <i>Journal of Chemical Research Synopses</i> , 1999 , 716-717		13

92	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
91	SYNTHESIS AND CHARACTERIZATION OF BIS(DIPHENYLPHOSPHINO)ACETYLENE BRIDGED BINUCLEAR PLATINUM(II) COMPLEXES WITH TERMINAL ORGANOCHALCOGENIDE GROUPS. X-RAY CRYSTAL STRUCTURE OF [Pt ₂ (SC ₆ F ₅) ₄ (EPh ₂ PC?CPPh ₂) ₂]. <i>Journal of Coordination Chemistry</i> , 1999 , 46, 355-363	1.6 6
90	The First Example of a Structurally Characterized Monomeric Bismuth Selenolate. <i>Journal of Chemical Research</i> , 1999 , 23, 416-417	0.6
89	trans Influence of Telluro- and Thio-ether Donor Sites: First Palladium(II) Complex, [PdCl ₂ {4-MeOC ₆ H ₄ TeCH ₂ CH ₂ SEt}], showing their Relative Magnitude in the Same Molecule. <i>Journal of Chemical Research</i> , 1999 , 23, 716-717	0.6
88	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
87	A new class of flexible energetic salts, part 5: The structures of two hexammonium polymorphs and the ethane-1,2-diammonium salts of dinitramide. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 673-681 ^{0.5}	9
86	A new class of flexible energetic salts, part 3: The crystal structures of the 3,3-dinitroazetidinium dinitramide and 1-i-propyl-3,3-dinitroazetidinium dinitramide salts. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 163-169	0.5 15
85	A new class of flexible energetic salts, part 2: The crystal structures of the cubane-1,4-diammonium dinitramide and cubane-1,2,4,7-tetraammonium dinitramide salts. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 95-104	0.5 10
84	A new class of flexible energetic salts, part 4: The crystal structures of hexaaquamagnesium(II), hexaaquamanganese(II), and hexaaquozinc(II) dihydrate salts of dinitramide. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 105-110	0.5 8
83	Crystal structures of the cobalt(III), nickel(II), copper(II), and zinc(II) complexes of 2-thio-6-picoline N-oxide. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 853-860	0.5 5
82	Synthesis and structure of binuclear complexes of palladium and platinum containing bridging diphenylphosphinate ligand. <i>Polyhedron</i> , 1998 , 17, 1317-1322	2.7 6
81	Synthesis and structural characterization of chalcogenido-bridged trinuclear palladium(II) dialkyl dithiophosphates, [Pd ₃ (B-E) ₂ {S ₂ (OR) ₂ } ₂ (PR ₃ ? ₂)] (E = S or Se, R = Et, Prn, Pri, Bus and R? = Ph, Et). <i>Polyhedron</i> , 1998 , 17, 2037-2042	2.7 21
80	Synthesis and characterization of some four- and five-coordinate copper(II) complexes of 6-methyl-2-formylpyridinethiosemicarbazone (HNNS) and the X-ray crystal structures of the [Cu(NNS)(CH ₃ COO)(H ₂ O)] and [Cu(HNNS)(H ₂ O)(S ₀₄)] - H ₂ O complexes. <i>Polyhedron</i> , 1998 , 17, 1803-1809	2.7 29
79	A hydroxo- and phenoxo-bridged dinuclear Nickel(II) Complex: structure and characterization. <i>Polyhedron</i> , 1998 , 17, 3351-3360	2.7 10
78	Amidinato- and triazenido-bridged binuclear complexes of palladium and platinum. <i>Polyhedron</i> , 1998 , 17, 3531-3540	2.7 22
77	Synthesis and characterization of bis-chelated nickel(II) complexes of the methylpyruvate Schiff bases of S-alkyldithiocarbazates and the X-ray crystal structure of the [Ni(ONSMe) ₂] complex. <i>Polyhedron</i> , 1998 , 17, 3955-3961	2.7 16
76	Synthesis and spectroscopic characterization of nickel(II) complexes with 5-methyl-3-formylpyrazole-N(4)-methylthiosemicarbazone (HL4Me): X-ray crystallographic studies of [Ni(HL4Me) ₂](NO ₃) ₂ ·2H ₂ O. <i>Polyhedron</i> , 1998 , 18, 571-576	2.7 14
75	Synthesis and Structural Characterization of Monomeric Selenolato Complexes of Zinc, Cadmium, and Mercury. <i>Inorganic Chemistry</i> , 1998 , 37, 2663-2669	5.1 52

74	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
73	Synthesis, Spectral and Structural Characterisation of Chloro{S-benzyl- \bar{N} -(5-methylpyrazole-3-yl)ethoxymethylenedithiocarbazato}copper(II) Derived from S-benzyl- \bar{N} -(5-methylpyrazole-3-yl)methylenedithiocarbazide. <i>Chemistry Letters</i> , 1998 , 27, 559-560	1.7	19
72	A New Class of Flexible Energetic Salts: The Crystal Structures of the Ammonium, Lithium, Potassium, and Cesium Salts of Dinitramide. <i>Journal of the American Chemical Society</i> , 1997 , 119, 9411-9416	16.4	92
71	Synthesis and Reactivity of Chiral Tellurium Azomethines: Pseudopolymorphism of [o-(((1S,2R)-2-Hydroxy-2-phenyl-1-methylethyl)amino)methinyl]phenyl]tellurium(IV) Bromide. <i>Organometallics</i> , 1997 , 16, 563-571	3.8	37
70	Network hydrogen bonding: the crystal and molecular structure of cubane-1,3,5,7-tetracarboxylic acid dihydrate. <i>Journal of Chemical Crystallography</i> , 1997 , 27, 99-107	0.5	12
69	Formation of the syn-isomer of [Cp*MoO(\bar{B})] ₂ . <i>Journal of Chemical Crystallography</i> , 1997 , 27, 377-379	0.5	2
68	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- \bar{N} -(6-methylpyridin-2-yl)-methylenedithiocarbazato}nickel(II) complex. <i>Polyhedron</i> , 1997 , 16, 2749-2754	2.7	61
67	Synthesis and characterisation of some [M(C3S5) ₂] _n complexes (M = Ni, Pd, Pt). Single crystal structure of [PPN] [Ni(C3S5) ₂] · MeOH. <i>Polyhedron</i> , 1997 , 16, 3505-3510	2.7	7
66	Synthesis and characterization of cyclometallated palladium(II) dithiolate complexes of the type [Pd(E ? C)(C ? S)]. <i>Journal of Organometallic Chemistry</i> , 1997 , 549, 73-80	2.3	15
65	Intramolecularly Coordinated Low-Valent Organotellurium Complexes Derived from 1-(Dimethylamino)naphthalene. <i>Organometallics</i> , 1996 , 15, 1707-1712	3.8	51
64	Synthesis, structure and reactions of the first tellurium-containing macrocyclic Schiff base. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 1203		45
63	Distortions in nitramine substituted cubanes: The structures of N,N'-dinitro-1,4-diaminocubane, N,N'-dinitro-N,N'-(2-pyridyl)-1,4-diaminocubane, and 1,2,4,7-tetrakis(N-methoxycarbonylnitramino)cubane. <i>Journal of Chemical Crystallography</i> , 1996 , 26, 281-288	0.5	5
62	Synthesis, reactions and structure of a hydroxo-bridged dinuclear Zn(II) complex: modeling the hydrolytic zinc enzymes. <i>Inorganica Chimica Acta</i> , 1996 , 241, 31-38	2.7	23
61	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
60	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-formylpyridinethiosemicarbazonato) copper(II) complex. <i>Polyhedron</i> , 1996 , 15, 3331-3339	2.7	49
59	Nickel(II) and copper(II) complexes of ONS ligands formed from 2-hydroxyacetophenone and S-alkyldithiocarbazates and the X-ray crystal structure of the [Ni(Ap-SMe)py] complex (Ap-SMe = anion of the 2-hydroxyacetophenone Schiff base of S-methyl-dithiocarbazate). <i>Transition Metal Chemistry</i> , 1995 , 24, 251-257	2.1	11
58	The crystal and molecular structures of highly substituted cubanes: 1,2,4,7-tetra(carboxymethyl)cubane and 1,2,3,5,7-penta(carboxymethyl)cubane. <i>Journal of Chemical Crystallography</i> , 1995 , 25, 661-670	0.5	8
57	Binuclear complexes of palladium(II) and platinum(II) containing bridging ethylselenolato group: X-ray crystal structure of [Pt ₂ Cl ₂ (\bar{B} SeEt) ₂ (PET ₃) ₂]. <i>Polyhedron</i> , 1995 , 14, 3641-3647	2.7	18

56	Modeling the Multinuclear Redox-Active Manganese Enzymes. Synthesis, Structure, and Properties of a Bis(dinuclear Mn(III)- μ -oxo-bis(μ -acetato)) Complex. <i>Inorganic Chemistry</i> , 1995 , 34, 3633-3645	5.1	38
55	Synthesis and X-ray Crystal Structures of $\{\text{Mo}(\text{CO})(\text{Et}_2\text{PC}_2\text{H}_4\text{PEt}_2)_2\}_2(\mu\text{-N}_2)$ with an End-On Bridging Dinitrogen Ligand and $\text{Mo}(\text{CO})(\text{Bui}_2\text{PC}_2\text{H}_4\text{PBui}_2)_2$ Containing an Agostic $\text{Mo}\cdots\text{C}\cdots\text{H}$ Interaction. <i>Inorganic Chemistry</i> , 1995 , 34, 6538-6545	5.1	26
54	Novel Synthetic Route to Molybdenum Hydrido-Thiocarbamoyl and Hydrosulfido-Carbyne Complexes by Reactions of $\text{trans-Mo}(\text{N}_2)_2(\text{R}_2\text{PC}_2\text{H}_4\text{PR}_2)_2$ with N,N-Dimethylthioformamide. <i>Organometallics</i> , 1995 , 14, 3370-3376	3.8	20
53	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
52	Conformational characterization of square planar nickel(II) tetraaza macrocyclic complexes by proton NMR. Crystal structure of $[\text{Ni}(\text{13aneN}_4)]\text{ZnCl}_4$. <i>Inorganica Chimica Acta</i> , 1995 , 230, 19-28	2.7	24
51	Binuclear copper(II) complexes containing phenols and catechols. <i>Inorganica Chimica Acta</i> , 1995 , 239, 107-116	2.7	14
50	Synthesis and characterization of binuclear arylthiolato- and phenylselenolato-bridged organoplatinum(II) complexes: crystal structure of $[\text{Pt}_2\text{Ph}_2(\text{EPh}_2(\text{PMe}_2\text{Ph})_2)]$. <i>Journal of Organometallic Chemistry</i> , 1994 , 468, 285-290	2.3	18
49	Synthesis and characterization of some ferrocene-containing telluroether ligands: crystal structure of 1,1'-bis(phenyltelluro)ferrocene. <i>Journal of Organometallic Chemistry</i> , 1994 , 464, 87-94	2.3	12
48	Synthesis and characterization of the complexes of trimethylplatinum(IV) iodide with some ditellurides and ditelluroethers: The crystal structure of $[(\text{Pt}(\text{Me}_3)_2(\text{p-MeOC}_6\text{H}_4\text{Te})_2)]$. <i>Journal of Organometallic Chemistry</i> , 1994 , 466, 283-289	2.3	20
47	First observation of π -bonding in triple decker pyrrolyl complexes. Crystal structure of $[(\text{E-tetramethylpyrrolyl})\text{Co}]_2(\text{C}_2\text{Et}_2\text{B}_3\text{H}_3)$. <i>Inorganica Chimica Acta</i> , 1993 , 203, 51-54	2.7	7
46	Electrochemical, spectroscopic and structural characterization of the mer isomer of ammonium bis(pyruvic acid thiosemicarbazone)cobalt(III)benzene. <i>Inorganica Chimica Acta</i> , 1993 , 205, 59-65	2.7	10
45	Structure of the copper(II) complex of 2-acetylpyridine hexamethyleneiminylthiosemicarbazone, $[\text{Cu}(\text{Lhexim})\text{Br}]$. <i>Transition Metal Chemistry</i> , 1993 , 18, 449-452	2.1	21
44	Crystal structure of trinuclear trans- β -oxo-tris{bis(chloroacetatoaquo)chromium(III)}chloroacetate dihydrate, $[\text{Cr}_3\text{O}(\text{ClCH}_2\text{COO})_6\text{3H}_2\text{O}]\text{ClCH}_2\text{COO}\cdot 2\text{H}_2\text{O}$. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993 , 23, 13-18		2
43	Structures of nickel(II) and copper(II) complexes of 2-acetylpyridine azacyclothiosemicarbazones. <i>Polyhedron</i> , 1993 , 12, 2489-2497	2.7	83
42	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
41	Reaction of $\text{LiE}(\text{SiMe}_3)_2$ with compounds containing four-membered cores of the general formula [cyclic] MEM(Cl) (M = In, E = As, P; M = Ga, E = As): novel rearrangement reactions to form the adducts $\text{R}_3\text{M}\cdots\text{As}(\text{SiMe}_3)_3$ (R = Me_3SiCH_2 , M = In; R = Ph, M = Ga). <i>Organometallics</i> , 1992 , 11, 2694-2697	3.8	25
40	Liquid-crystalline solvents as mechanistic probes. 45. Norrish II reactions of liquid-crystalline ketones. Comparison between smectic B and solid-phase order and control of photoproduct distributions. <i>Journal of the American Chemical Society</i> , 1992 , 114, 6023-6030	16.4	5
39	Synthesis and characterization of novel organogallium-phosphorus compounds: x-ray crystal structures of [cyclic] $\text{Ph}_2\text{GaP}(\text{SiMe}_3)_2\text{Ga}(\text{Ph})_2\text{Cl}$, $\text{Ph}_2(\text{Cl})\text{Ga}\cdots\text{P}(\text{SiMe}_3)_3$, and $\text{Ph}_3\text{Ga}\cdots\text{P}(\text{SiMe}_3)_3$. <i>Organometallics</i> , 1992 , 11, 3370-3375	3.8	27

38	Crystal and molecular structure of an anchored catechol ligand: 2,3-dihydroxy benzenemethanimine μ (2-hydroxymethyl)phenyl. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1992 , 22, 725-731		15
37	Steric hindrance in 2,6-disubstituted pyridines Part II. The crystal structures of trans-dichlorobis(2,6-dimethylpyridine)nickel(II) and trans-dichlorobis(2,4,6-trimethylpyridine)nickel(II). <i>Inorganica Chimica Acta</i> , 1992 , 194, 113-117	2.7	7
36	Model compounds for the type III site and the combined type II and type III sites in multicopper oxidases. <i>Journal of Chemical Sciences</i> , 1990 , 102, 209-218	1.8	3
35	Variable-temperature tin-119m Mössbauer spectroscopic and x-ray crystallographic study of triphenyltin(IV) chloroacetate, [(C ₆ H ₅) ₃ SnOC(O)CH ₂ Cl], and a redetermination of d[ln f(T)]/dT for triphenyltin(IV) acetate. <i>Journal of Organometallic Chemistry</i> , 1989 , 376, 277-281	2.3	8
34	Synthesis and crystal structure of bis(triphenylarsine oxide (-pchloropheny)diphenyltin(IV) tetraphenylborate, [(p-ClC ₆ H ₄)Ph ₂ Sn(Ph ₃ AsO) ₂][BPh ₄]. <i>Journal of Organometallic Chemistry</i> , 1989 , 361, 53-61	2.3	6
33	Structural studies of diorganotin(IV) bischelates. Crystallographic evidence of seven-coordinate tin in bis(2-carbomethoxyethyl)bis (N,N-dimethyldithiocarbamato)tin(IV), [MeOC(O)(CH ₂) ₂] ₂ Sn[SC(S)NMe ₂] ₂ . <i>Journal of Organometallic Chemistry</i> , 1989 , 365, 75-82	2.3	5
32	Organotransition-metal metallacarboranes. 10. π -Complexation of nido-(PhCH ₂) ₂ C ₂ B ₄ H ₆ at the C ₂ B ₃ and C ₆ rings. Synthesis and crystal structures of nido-2,3-[(CO) ₃ Cr(.eta.6-C ₆ H ₅)CH ₂] ₂ -2,3-C ₂ B ₄ H ₆ and (PhCH ₂) ₄ C ₄ B ₈ H ₈ , a nonfluxional C ₄ B ₈ cluster. <i>Organometallics</i> , 1987 , 6, 335-343	3.8	35
31	Copper complexes of binucleating N,N'-hydroxy-alkyldiaminebis(salicylidine) ligands containing a Cu ²⁺ /Cu bridge and an exogenous bridge. <i>Inorganica Chimica Acta</i> , 1986 , 111, L55-L56	2.7	12
30	Towards a hemocyanin model. Relation between molecular and electronic structure in binuclear complexes: effect of bridging group length and angle between metal planes. <i>Inorganica Chimica Acta</i> , 1986 , 123, L17-L19	2.7	17
29	Crystal and molecular structure of N-(2-morpholinoethyl)-2-oximato-1-phenylpropan-1-iminechloropalladium(II). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1986 , 16, 597-606		1
28	Organotransition-metal metallacarboranes. 5. Studies on (.eta.6-arene)(carborane)iron complexes of benzene and biphenyl. Crystal structures of (.eta.6-C ₆ H ₅ C ₆ H ₅)Fe(Et ₂ C ₂ B ₄ H ₄) and 1,2-[(.eta.6-C ₆ H ₆)Fe(Et ₂ C ₂ B ₄ H ₃)] ₂ CH(CH ₃)CH ₂ , a hydrocarbon-linked bis(ferracarborane). <i>Organometallics</i> , 1985 , 4, 882-890	3.8	18
27	Spectral analysis of bis(N,N-diisopropylthiocarbamato)nitrosyliron, Fe(NO)[S ₂ CN(CH(CH ₃) ₂) ₂] ₂ , and preparation and crystal structure of its cobalt analog. <i>Inorganic Chemistry</i> , 1983 , 22, 371-375	5.1	12
26	Synthesis and relation between the structure and magnetism of the dimeric anionic nickel(II) complex [C ₅ H ₁₀ NH ₂] ⁺ [Ni ₂ (PhSal) ₄ CH ₃ COO] ⁻ . <i>Inorganic Chemistry</i> , 1982 , 21, 616-620	5.1	7
25	Low-temperature Moessbauer spectroscopy study of some partially solvated tris(dialkyldithiocarbamato) iron(III) complexes: the possibility of stabilization of a spin-quartet ground state. <i>Inorganic Chemistry</i> , 1981 , 20, 3484-3486	5.1	10
24	Antiferromagnetically and ferromagnetically coupled nickel(II) dimers with and without interdimer coupling. Solvent effects in the preparation of nickel(II) dimers. <i>Inorganic Chemistry</i> , 1981 , 20, 3486-3493	5.1	28
23	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, L'H=1,2-diphenyl-2-(methylimino)ethanone 1-oxime). <i>Inorganic Chemistry</i> , 1981 , 20, 537-545	5.1	109
22	Proof of a linear Fe-N-O linkage, perpendicular to the S ₄ plane in Fe(NO)(S ₂ CN{CH(CH ₃) ₂) ₂) ₂ . A new (aerobic) synthesis of the complex and its crystal structure. <i>Inorganic Chemistry</i> , 1980 , 19, 3622-3626	5.1	15
21	Bi- and polynuclear antiferromagnetic metal complexes (copper,nickel) with salicylaldimines and acetate-type ligands. New modes of acetate bridging. <i>Journal of the American Chemical Society</i> , 1980 , 102, 3276-3278	16.4	36

20	Magnetic properties of some monomeric and dimeric nickel(II) complexes NiLX ₂ (L = 2,9-dimethyl-1,10-phenanthroline (dmp), 2,2'-biquinoyl, bathocuproine; X = chlorine, bromine, iodine) and the crystal structure of Ni(dmp) ₂ . <i>Inorganic Chemistry</i> , 1979 , 18, 492-497	5.1	15
19	Synthesis and relation between magnetism and structure of the binuclear copper(II) oxime complex [Cu ₂ L ₂ (ClO ₄) ₂].[Cu ₂ L ₂ (CH ₃ OH) ₂](ClO ₄) ₂ , where HL = 1-(N,N-dimethyl-2-aminoethylimino)-1-phenyl-2-oximopropane. <i>Inorganic Chemistry</i> , 1979 , 18, 1913-1918	5.1	29
18	The Crystal and Molecular Structure of Bis-[E2-(p-nitrophenyliminomethyl)phenolato-N,O]-bis(ethanol)bis(nitrato-O,O')dinickel(II), [Ni(slnO)NO ₃ (C ₂ H ₅ OH)] ₂ , a Binuclear Ferromagnetic Salicylaldimine Derivative of Nickel Nitrate. <i>Australian Journal of Chemistry</i> , 1979 , 32, 331	1.2	2
17	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) ₂ . <i>Inorganic Chemistry</i> , 1977 , 16, 2334-2343	5.1	51
16	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
15	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 Chemical Crystallography</i> , 1977 , 6, 2110-2116	16.4	46
14	Structural studies of Mo(VI) coordination chemistry crystal and molecular structure of ammonium [cis-dioxo(uramil-N,N-diacetato) molybdate(VI)] monohydrate. <i>Journal of Crystal and Molecular Structure</i> , 1976 , 6, 1-12		5
13	Structural studies of Mo(VI) coordination chemistry crystal and molecular structure of trispotassium [cis-trioxo(nitratotriacetato)molybdate(VI)] monohydrate. <i>Journal of Crystal and Molecular Structure</i> , 1976 , 6, 13-22		30
12	Synthesis, Characterization and DNA Cleavage Activity of the Coordination Polymer {[Cu(phen)(azpy)(NO ₃)(H ₂ O)](NO ₃) _n }. <i>Journal of Chemical Crystallography</i> , 1	0.5	
11	Synthesis, Absolute Crystal Structures and Antioxidant Activity Studies of Water-Soluble Salts of (S)-1-(Benzylselanyl)-3-Phenylpropan-2-Amine. <i>Journal of Chemical Crystallography</i> , 1	0.5	
10	Synthesis, Characterization, Crystal Structure, Hirshfeld Surface, Electronic Excitation, Molecular Docking, and DFT Studies on 2-Amino Thiophene Derivative. <i>Polycyclic Aromatic Compounds</i> , 1-32	1.3	0
9	Copper(I) Derivative of Pyridine-3-carbaldehyde-N-ethylthiosemicarbazone and Triphenylphosphine—First Case of Crystal Structure Study. <i>Journal of Chemical Crystallography</i> , 1	0.5	
8	Syntheses and structural characterization of metal complexes of 4-(naphthalen-1-yl)-1-(quinolin-2-yl)methylene)thiosemicarbazide: their in-vitro screening studies for antitubercular activity. <i>Journal of Coordination Chemistry</i> , 1-13	1.6	1
7	Crystal Structure, Computational Study and Hirshfeld Surface Analysis of 4-(4-Methoxyphenethyl)-5-(p-tolyl)-2,4-Dihydro-3H-1,2,4-Triazol-3-One, C ₁₈ H ₁₉ N ₃ O ₂ . <i>Journal of Chemical Crystallography</i> , 1	0.5	1
6	Electrocatalytic oxygen evolution and antiproliferative activity of Co(III) complexes stabilized by in situ generated bis(5-furan/phenyl-1,2,4-triazole)-3-sulfonamide. <i>Applied Organometallic Chemistry</i> , e6495 ^{3.1}		1
5	Luminescent heteroleptic Eu(III) probes for the selective detection of diethyl chlorophosphate as a G-series nerve agent mimic in the vapor phase using solid-state films. <i>Journal of Materials Chemistry C</i> ,	7.1	2
4	Supramolecular Properties Directed by Weak Interactions in a Copper (II) Complex Based on 8-Hydroxy Quinoline-Pyridine Binary Ligand Systems: Crystal Structure and Hirshfeld Surface Analyses. <i>Journal of Chemical Crystallography</i> , 1	0.5	1
3	Synthesis and Single Crystal X-ray Studies of Cyclic and Acyclic Organotellurium(IV) Diiodide. <i>Journal of Chemical Crystallography</i> , 1	0.5	

2	Copper(II) Mononuclear Complexes Incorporating Pyridine Derivatives: Synthesis, Structural Characterization, and Unusual X-Band epr Spectra. <i>Journal of Chemical Crystallography</i> ,1	0.5
1	Design and Synthesis of Pentadentate N3O2-Type Donor Schiff Bases and their Interactive Behavior with UO ₂ (VI) Ion: An Instance of Strange Behavior of Pyridine in a Uranyl (UO ₂ ²⁺) Complex. <i>Journal of Chemical Crystallography</i> ,1	0.5