

Catherine P Raptopoulou

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6594860/catherine-p-raptopoulou-publications-by-citations.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.

541
papers

14,921
citations

63
h-index

86
g-index

554
ext. papers

15,597
ext. citations

3.7
avg, IF

6.2
L-index

#	Paper	IF	Citations
541	Hexanuclear manganese(III) single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 210-2	16.4	225
540	"Switching on" the properties of single-molecule magnetism in triangular manganese(III) complexes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9484-99	16.4	206
539	Biological evaluation of non-steroidal anti-inflammatory drugs-cobalt(II) complexes. <i>Dalton Transactions</i> , 2010 , 39, 4517-28	4.3	195
538	Molecular Structure and Magnetic Properties of Acetato-Bridged Lanthanide(III) Dimers. <i>Inorganic Chemistry</i> , 1995 , 34, 4918-4920	5.1	195
537	Non-steroidal antiinflammatory drug-copper(II) complexes: structure and biological perspectives. <i>Dalton Transactions</i> , 2011 , 40, 8555-68	4.3	169
536	Initial example of a triangular single-molecule magnet from ligand-induced structural distortion of a [MnIII3O]7+ complex. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15380-1	16.4	162
535	Synthesis, Spectroscopic and Structural Characterization of the First Mononuclear, Water Soluble Iron Citrate Complex, (NH4)5Fe(C6H4O7)2·2H2O. <i>Journal of the American Chemical Society</i> , 1998 , 120, 13266-13267	16.4	148
534	Manganese citrate chemistry: syntheses, spectroscopic studies, and structural characterizations of novel mononuclear, water-soluble manganese citrate complexes. <i>Inorganic Chemistry</i> , 2000 , 39, 4044-51	5.1	139
533	Anti-inflammatory drugs interacting with Zn(II), Cd(II) and Pt(II) metal ions. <i>Journal of Inorganic Biochemistry</i> , 1998 , 71, 171-9	4.2	129
532	Structure and biological properties of the copper(II) complex with the quinolone antibacterial drug N-propyl-norfloxacin and 2,2'-bipyridine. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 64-73	4.2	126
531	Neutral and cationic mononuclear copper(II) complexes with enrofloxacin: structure and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1378-88	4.2	122
530	Vanadium(IV)-citrate complex interconversions in aqueous solutions. A pH-dependent synthetic, structural, spectroscopic, and magnetic study. <i>Inorganic Chemistry</i> , 2001 , 40, 5772-9	5.1	118
529	Copper(II) interacting with the non-steroidal antiinflammatory drug flufenamic acid: structure, antioxidant activity and binding to DNA and albumins. <i>Journal of Inorganic Biochemistry</i> , 2013 , 123, 53-65	4.2	116
528	Synthesis, Structural Characterization, and Solution Behavior of the First Mononuclear, Aqueous Aluminum Citrate Complex. <i>Inorganic Chemistry</i> , 1999 , 38, 618-619	5.1	116
527	Zinc complexes of the antibacterial drug oxolinic acid: structure and DNA-binding properties. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 898-905	4.2	114
526	Synthesis, structure and biological activity of copper(II) complexes with oxolinic acid. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 1764-73	4.2	112
525	A Two-Dimensional Manganese(II) Carboxylato Polymer. Structure, Magnetism, and EPR Study. <i>Inorganic Chemistry</i> , 1996 , 35, 7655-7660	5.1	112

524	Copper(II) complexes with phenoxyalkanoic acids and nitrogen donor heterocyclic ligands: structure and bioactivity. <i>Journal of Inorganic Biochemistry</i> , 2001 , 83, 7-16	4.2	111
523	Co(II) chemistry of 2,6-bis(2-pyridylcarbonyl)pyridine: an icosanuclear Co cluster exhibiting superparamagnetic relaxation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 432-5	16.4	110
522	Zinc(II) complexes of the second-generation quinolone antibacterial drug enrofloxacin: Structure and DNA or albumin interaction. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2678-85	3.4	108
521	Structurally diverse copper(II)-carboxylato complexes: neutral and ionic mononuclear structures and a novel binuclear structure. <i>Inorganic Chemistry</i> , 2000 , 39, 3042-8	5.1	106
520	Biological evaluation of cobalt(II) complexes with non-steroidal anti-inflammatory drug naproxen. <i>Journal of Inorganic Biochemistry</i> , 2012 , 107, 54-64	4.2	104
519	Synthesis, pH-dependent structural characterization, and solution behavior of aqueous aluminum and gallium citrate complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 1734-44	5.1	100
518	The gem-Diol Form of (py) CO as a Ligand in Cobalt(II) Carboxylate Clusters: A Cubane Complex and a Novel Nonanuclear Species with a Vertex-Sharing Double Square Pyramidal Structure. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 983-985	16.4	98
517	Phenyl 2-Pyridyl Ketone and Its Oxime in Manganese Carboxylate Chemistry: Synthesis, Characterisation, X-ray Studies and Magnetic Properties of Mononuclear, Trinuclear and Octanuclear Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 2885-2901	2.3	96
516	Octanuclearity and tetradecanuclearity in manganese chemistry: an octanuclear manganese(II)/(III) complex featuring the novel $[Mn_8(\mu_4-O)_2(\mu_3-OH)_2]^{14+}$ core and $[Mn_{10}(II)Mn_4(III)O_4(O_2CMe)_{20}[(2-py)_2C(OH)O]_4]$ (2-py = 2-pyridyl). <i>Chemical Communications</i> , 2003 , 819-21	5.8	93
515	Copper inverse-9-metallacrown-3 compounds interacting with DNA. <i>Dalton Transactions</i> , 2010 , 39, 765-773	4.3	91
514	Manganese(II/II/II) and Manganese(III/II/III) Trinuclear Compounds. Structure and Solid and Solution Behavior. <i>Inorganic Chemistry</i> , 1996 , 35, 4974-4983	5.1	91
513	2-Pyridinealdoxime [(py)CHNOH] in manganese(II) carboxylate chemistry: mononuclear, dinuclear, tetranuclear and polymeric complexes, and partial transformation of (py)CHNOH to picolinate(II). <i>Polyhedron</i> , 2004 , 23, 83-95	2.7	87
512	Octanuclearity in Copper(II) Chemistry: Preparation, Characterization, and Magnetochemistry of $[Cu_8(dpk\text{-}DH)_8(O_2CCH_3)_4](ClO_4)_4 \cdot 9H_2O$ (dpk-DH = the Hydrated, gem-Diol Form of Di-2-pyridyl Ketone). <i>Inorganic Chemistry</i> , 1997 , 36, 3996-4006	5.1	86
511	Correlations of synthetic, spectroscopic, structural, and speciation studies in the biologically relevant cobalt(II)-citrate system: the tale of the first aqueous dinuclear cobalt(II)-citrate complex. <i>Inorganic Chemistry</i> , 2003 , 42, 22-31	5.1	84
510	Crystal structure, spectroscopic, and biological study of the copper(II) complex with third-generation quinolone antibiotic sparfloxacin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 3864-7	2.9	82
509	Novel rectangular $[Fe_4(\mu_4-OHO)(\mu-OH)_2]^{7+}$ versus "butterfly" $[Fe_4(\mu_3-O_2)]^{8+}$ core topology in the Fe(III)/RCO ₂ (-)/phen reaction systems (R = Me, Ph; phen = 1,10-phenanthroline): preparation and properties of $[Fe_4(OHO)(OH)_2(O_2CMe)_4(phen)_4](ClO_4)_3$, $[Fe_4(OHO)(OH)_2(O_2CMe)_4(phen)_4](ClO_4)_3$, $[Fe_4(OHO)(OH)_2(O_2CMe)_4(phen)_4](ClO_4)_3$. <i>Inorganic Chemistry</i> , 2002 , 41, 6474-87	5.1	81
508	Synthetic Analogues for Oxovanadium(IV)-Glutathione Interaction: An EPR, Synthetic and Structural Study of Oxovanadium(IV) Compounds with Sulfhydryl-Containing Pseudopeptides and Dipeptides. <i>Chemistry - A European Journal</i> , 1999 , 5, 910-921	4.8	81
507	A new family of nonanuclear lanthanide clusters displaying magnetic and optical properties. <i>Inorganic Chemistry</i> , 2011 , 50, 11276-8	5.1	79

- 506 Coordinating properties of 2-acetylpyridine thiosemicarbazone. Palladium(II) complexes with neutral and deprotonated ligand. X-ray structure of bromo(2-acetylpyridine thiosemicarbazonato) palladium(II). *Polyhedron*, **1994**, 13, 1917-1925 2.7 79
- 505 Structural and magnetic characterization of trinuclear, mixed-valence manganese acetates. *Inorganic Chemistry*, **1992**, 31, 5424-5432 5.1 79
- 504 Synthesis and characterization of tetrakis- μ -[(2,6-dichlorophenyl) amino] benzeneacetodiaquodicopper(II) dihydrate and tetrakis- μ -[(2,6-dichlorophenyl)amino]benzeneacetodimethylformamidodicopper(II). *Journal of Inorganic Biochemistry*, **1997**, 65, 151-157 4.2 78
- 503 CuII-herbicide complexes: structure and bioactivity. *Inorganica Chimica Acta*, **1998**, 272, 24-32 2.7 77
- 502 The first cobalt metallacrowns: preparation and characterization of mixed-valence cobalt(II/III), inverse 12-metallacrown-4 complexes. *Inorganic Chemistry*, **2005**, 44, 3374-6 5.1 77
- 501 Use of the Di-2-pyridyl Ketone/Acetate/Dicyanamide Blend in Manganese(II), Cobalt(II) and Nickel(II) Chemistry: Neutral Cubane Complexes. *European Journal of Inorganic Chemistry*, **2005**, 2005, 879-893 2.3 77
- 500 The First Fused Dimer Metallacrown Ni(II)₂(mcpa)₂(CH₃OH)₃(H₂O)[12-MC(Ni)II(N)(shi)₂](pko)₂₋₄[12-MC(Ni)II(N)(shi)₃](pko)-4]. *Inorganic Chemistry*, **1998**, 37, 6556-6557 5.1 77
- 499 Structure, antimicrobial activity, DNA- and albumin-binding of manganese(II) complexes with the quinolone antimicrobial agents oxolinic acid and enrofloxacin. *Journal of Inorganic Biochemistry*, **2013**, 121, 88-99 4.2 76
- 498 Coordination-driven self assembly of a brilliantly fluorescent rhomboid cavitated composed of bodipy-dye subunits. *Journal of the American Chemical Society*, **2010**, 132, 16327-9 16.4 76
- 497 Ferromagnetic Cu(II)₄, Co(II)₄, and Ni(II)₆ azido complexes derived from metal-assisted methanolysis of di-2,6-(2-pyridylcarbonyl)pyridine. *Inorganic Chemistry*, **2009**, 48, 3167-76 5.1 76
- 496 Tridentate ligands containing the SNS donor atom set as a novel backbone for the development of technetium brain-imaging agents. *Journal of Medicinal Chemistry*, **1994**, 37, 3212-8 8.3 74
- 495 Synthesis and structural and spectroscopic characterization of a complex between Co(II) and imino-bis(methylphosphonic acid): gaining insight into biologically relevant metal-ion phosphonate interactions or looking at a new Co(II)-organophosphonate material?. *Inorganic Chemistry*, **2002**, 41, 3366-74 5.1 73
- 494 Unusual structural types in nickel cluster chemistry from the use of pyridyl oximes: Ni₅, Ni₁₂Na₂, and Ni₁₄ clusters. *Inorganic Chemistry*, **2008**, 47, 11825-38 5.1 71
- 493 Synthesis and spectroscopic and structural studies of a new cadmium(II)-citrate aqueous complex. Potential relevance to cadmium(II)-citrate speciation and links to cadmium toxicity. *Inorganic Chemistry*, **2003**, 42, 2531-7 5.1 71
- 492 Experimental and theoretical study of the antisymmetric magnetic behavior of copper inverse-9-metallacrown-3 compounds. *Inorganic Chemistry*, **2008**, 47, 7545-55 5.1 70
- 491 Systematic synthesis, structural characterization, and reactivity studies of vanadium(V) citrate anions [VO₂(C₆H₆O₇)₂]²⁻ isolated from aqueous solutions in the presence of different cations. *Inorganica Chimica Acta*, **2001**, 320, 47-59 2.7 70
- 490 Curcumin as the OO bidentate ligand in "2 + 1" complexes with the [M(CO)₃]⁺ (M = Re, ^{99m}Tc) tricarbonyl core for radiodiagnostic applications. *Inorganic Chemistry*, **2011**, 50, 1295-303 5.1 69
- 489 Di-2-pyridyl ketone oxime [(py)₂CNOH] in manganese carboxylate chemistry: mononuclear, dinuclear and tetranuclear complexes, and partial transformation of (py)₂CNOH to the gem-diolate(2-) derivative of di-2-pyridyl ketone leading to the formation of NO₃⁻. *Dalton Transactions*, **2005**, 501-11 4.3 68

488	Lead(II) nitrate chemistry. Synthesis, spectroscopic and structural studies of a novel lead(II) nitrate aqueous complex. <i>Inorganica Chimica Acta</i> , 2000 , 297, 134-138	2.7	68
487	The [Cu ₂ (O ₂ CMe) ₄ (H ₂ O) ₂]/(py) ₂ CO System as the Source of an Unusual Heptanuclear Complex and a Novel Dodecanuclear Wheel Cluster. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1083-1085		65
486	A Systematic Exploration of Nickel(II)/Acetate/Di-2-pyridyl Ketone Chemistry: Neutral and Cationic Tetranuclear Clusters, and a Novel Mononuclear Complex. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2236-2252	2.3	65
485	Reactions of 2,2'-bipyridine (bpy) and 1,10-phenanthroline (phen) with yttrium(III) nitrate: preparation, X-ray crystal structures and spectroscopic characterization of the bis-bpy and bis-phen complexes. <i>Transition Metal Chemistry</i> , 2001 , 26, 276-281	2.1	65
484	Nickel-quinolones interaction. Part 4. Structure and biological evaluation of nickel(II)-enrofloxacin complexes compared to zinc(II) analogues. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 63-74	4.2	64
483	The Case of a Cu ₄ Rhombus in Molecular Magnetism: Preparation, Crystal Structure, and Magnetic Properties of [Cu ₄ (dpm)(CH ₃ O) ₄ (CH ₃ O) ₂](ClO ₄) ₂ (dpm = Monomethylated Diol of Di-2-pyridyl Ketone), an Example of a Cluster Allowing the Determination of All Its Exchange	5.1	64
482	Acetate/di-2-pyridyl ketone oximate "blend" as a source of high-nuclearity nickel(II) clusters: dependence of the nuclearity on the nature of the inorganic anion present. <i>Inorganic Chemistry</i> , 2007 , 46, 2350-2	5.1	64
481	Inter-conversion of 15-MC-5 to 12-MC-4 manganese metallacrowns: structure and bioactivity of metallacrowns hosting carboxylato complexes. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 864-75	4.2	64
480	Comparative study of structure-properties relationship for novel beta-halogenated lanthanide porphyrins and their nickel and free bases precursors, as a function of number and nature of halogens atoms. <i>Inorganic Chemistry</i> , 2002 , 41, 2648-59	5.1	64
479	Formation of the core in copper(II) carboxylate chemistry via use of di-2-pyridyl ketone oxime [(py) ₂ CNOH]:[Cu ₃ (OH)(O ₂ CR) ₂ {(py) ₂ CNO} ₃] (R=Me, Ph). <i>Inorganic Chemistry Communication</i> , 2006 , 9, 814-818	3.1	63
478	Copper(II) chloride/1-methylbenzotriazole chemistry: influence of various synthetic parameters on the product identity, structural and magnetic characterization, and quantum-chemical studies. <i>Inorganica Chimica Acta</i> , 2005 , 358, 565-582	2.7	62
477	From monomer zinc-oxamate complexes to tetranuclear inverse 12-membered and octanuclear 12-membered metallacrowns. <i>Inorganic Chemistry</i> , 2002 , 41, 4732-8	5.1	62
476	pH-dependent investigations of vanadium(V)-peroxo-malate complexes from aqueous solutions. In search of biologically relevant vanadium(V)-peroxo species. <i>Inorganic Chemistry</i> , 2001 , 40, 3711-8	5.1	62
475	Structure and DNA-binding properties of bis(quinolonato)bis(pyridine)zinc(II) complexes. <i>Polyhedron</i> , 2009 , 28, 3272-3278	2.7	61
474	Preparation and characterization of [H ₃ N(CH ₂) ₆ NH ₃] ₄ PbI ₄ and similar compounds with a layered perovskite structure. <i>Journal of Materials Chemistry</i> , 2000 , 10, 515-518		61
473	A Tetranuclear Mixed-Valent Mn ^{II} ₃ Mn ^{IV} Compound with a (μ-O)Mn ₄ Core. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2148	16.4	60
472	High Nuclearity Zn /MeCO /C NH) CO Clusters by "Depolymerization": Conversion of a Three-Dimensional Coordination Polymer Containing Hexameric Units into Its Constituent Hexanuclear Complex. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3211-3214	16.4	60
471	New Mn ₃ structural motifs in manganese single-molecule magnetism from the use of 2-pyridyloximate ligands. <i>Polyhedron</i> , 2007 , 26, 2165-2168	2.7	59

470	Crystal architecture and magnetic properties of four transition-metal adipate coordination polymers. <i>Dalton Transactions RSC</i> , 2001 , 850-857		59
469	First palladium(II) and platinum(II) complexes from employment of 2,6-diacetylpyridine dioxime: synthesis, structural and spectroscopic characterization, and biological evaluation. <i>Inorganic Chemistry</i> , 2012 , 51, 7699-710	5.1	58
468	Preparation, structure and optical properties of [CH ₃ SC(NH ₂)NH ₂] ₃ PbI ₅ , [CH ₃ SC(NH ₂)NH ₂] ₄ Pb ₂ Br ₈ and [CH ₃ SC(NH ₂)NH ₂] ₃ PbCl ₅ [CH ₃ SC(NH ₂)NH ₂ Cl]. <i>Journal of Materials Chemistry</i> , 1998 , 8, 2259-2262		58
467	A family of dinuclear lanthanide(III) complexes from the use of a tridentate Schiff base. <i>Dalton Transactions</i> , 2015 , 44, 10200-9	4.3	56
466	A metamagnetic 2D copper(ii)-azide complex with 1D ferromagnetism and a hysteretic spin-flop transition. <i>Dalton Transactions</i> , 2009 , 3215-21	4.3	56
465	Molecular nanoscale magnetic refrigerants: a ferrimagnetic {Cu(II) ₁₅ Gd(III) ₇ } cage-like cluster from the use of pyridine-2,6-dimethanol. <i>Inorganic Chemistry</i> , 2013 , 52, 10235-7	5.1	55
464	Structural features of mono- and tri-nuclear Zn(II) complexes with a non-steroidal anti-inflammatory drug as ligand. <i>Dalton Transactions</i> , 2012 , 41, 7082-91	4.3	55
463	Copper inverse-9-metallacrown-3 compounds showing antisymmetric magnetic behaviour. <i>Dalton Transactions</i> , 2007 , 5156-64	4.3	54
462	First Example of a CuII Polymeric Complex Having a Tetranuclear Repeating Unit with a S = 2 Ground State. Crystal Structure of [Cu ₄ (dpk)[CH ₃ O]2Cl ₆] _n (dpk[CH ₃ OH = Unimethylated Diol of Di-2-pyridyl Ketone). <i>Inorganic Chemistry</i> , 1996 , 35, 559-565	5.1	54
461	Slow magnetic relaxation of a ferromagnetic Ni(II) ₅ cluster with an S = 5 ground state. <i>Inorganic Chemistry</i> , 2008 , 47, 10674-81	5.1	53
460	Use of the Sulfato Ligand in 3d-Metal Cluster Chemistry: A Family of Hexanuclear Nickel(II) Complexes with 2-Pyridyl-Substituted Oxime Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2761-2774	2.3	53
459	Polynuclear Nickel(II) Complexes: Preparation, Characterization, Magnetic Properties, and Quantum-Chemical Study of [Ni ₅ (OH)(Rbta) ₅ (acac) ₄ (H ₂ O) ₄] (RbtaH = Benzotriazole and 5,6-Dimethylbenzotriazole). <i>Inorganic Chemistry</i> , 1998 , 37, 3142-3153	5.1	53
458	A comparative study of the interaction of salicylaldehydes with phosphonoacetates under Knoevenagel reaction conditions. Synthesis of 1,2-benzoxaphosphorines and their dimers. <i>Tetrahedron</i> , 1996 , 52, 12597-12612	2.4	53
457	[[Fe(OMe) ₂ (O ₂ CC(OH)Ph ₂)] ₁₂]: synthesis and characterization of a new member in the family of molecular ferric wheels with the carboxylatobis(alkoxo) bridging unit. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2386-9	16.4	52
456	Structure, cyclic voltammetry and DNA-binding properties of the bis(pyridine)bis(sparfloxacinato)nickel(II) complex. <i>Polyhedron</i> , 2009 , 28, 3265-3271	2.7	50
455	Ni(II) complexes with non-steroidal anti-inflammatory drug diclofenac: Structure and interaction with DNA and albumins. <i>Polyhedron</i> , 2013 , 61, 126-136	2.7	49
454	Zinc complexes of diflunisal: Synthesis, characterization, structure, antioxidant activity, and in vitro and in silico study of the interaction with DNA and albumins. <i>Journal of Inorganic Biochemistry</i> , 2017 , 170, 85-97	4.2	48
453	Salicylaldoxime (H ₂ salox) in iron(III) carboxylate chemistry: Synthesis, X-ray crystal structure, spectroscopic characterization and magnetic behavior of trinuclear oxo-centered complexes. <i>Polyhedron</i> , 2005 , 24, 711-721	2.7	48

452	Hexanuclear iron(III) salicylaldoximate complexes presenting the [Fe ₆ (μ ₃ -O) ₂ (μ ₂ -OR) ₂] ¹²⁺ core: syntheses, crystal structures, and spectroscopic and magnetic characterization. <i>Inorganic Chemistry</i> , 2006 , 45, 2317-26	5.1	47
451	Di-2-pyridyl Ketone Oxime in Zinc Chemistry: Inverse 12-Metallacrown-4 Complexes and Cationic Pentanuclear Clusters. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1964-1978	2.3	47
450	Ferromagnetism in an extended three-dimensional, diamond-like copper(II) network: a new copper(II)/1-hydroxybenzotriazolato complex exhibiting soft-magnet properties and two transitions at 6.4 and 4.4 K. <i>Inorganic Chemistry</i> , 2000 , 39, 2522-9	5.1	47
449	Electron spin-lattice and spin-spin relaxation study of a trinuclear iron(III) complex and its relevance in quantum computing. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 743-8	3.6	45
448	Low-dimensional copper(II) complexes triply bridged with azide/carboxylate/DMSO showing very strong ferromagnetic interaction and influence of dipolar fields at low temperatures: a quantum Monte Carlo magnetic study. <i>Dalton Transactions</i> , 2008 , 1752-60	4.3	45
447	Mixed-Valence Cobalt(II/III) Carboxylate Clusters: Co ₁₁ Co ₁₁ and Co ₁₁ Co ₁₁ Complexes from the Use of 2-(Hydroxymethyl)pyridine. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5098-5104	2.3	45
446	(S)-(2-(2'-Pyridyl)ethyl)cysteamine and (S)-(2-(2'-pyridyl)ethyl)-d,l-homocysteine as ligands for the "fac-[M(CO)(3)](+)" (M = Re, (99m)Tc) core. <i>Inorganic Chemistry</i> , 2005 , 44, 4118-20	5.1	45
445	Insights into the role of zinc(II) sites in hydrolytic enzymes: study of the ZnII/X/(py) ₂ CO (X=Cl, N ₃ , SO ₄ ²⁻) reaction systems. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 719-723	3.1	45
444	Isomorphous replacement of M(II) ions in M(II)-Gd(III) dimers (M(II) = Cu(II), Mn(II), Ni(II), Co(II), Zn(II)): magnetic studies of the products. <i>Dalton Transactions</i> , 2010 , 39, 5020-7	4.3	44
443	Di-2-pyridyl ketone/benzoate/azide combination as a source of copper(II) clusters and coordination polymers: dependence of the product identity on the solvent. <i>Inorganic Chemistry</i> , 2008 , 47, 7969-71	5.1	44
442	Synthesis, Characterization, and Sensitizing Properties of Heteroleptic RuII Complexes Based on 2,6-Bis(1-pyrazolyl)pyridine and 2,2'-Bipyridine-4,4'-dicarboxylic Acid Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5633-5644	2.3	44
441	First use of the succinamate(II) ligand in 3d-metal chemistry: dinuclear copper(II) complexes with the rare [Cu ₂ (μ ₂ -O ₂ CR) ₂ (μ ₂ -O ₂ CR)] ⁺ , [Cu ₂ (μ ₂ -O ₂ CR) ₂] ²⁺ and [Cu ₂ (EOH)(EOH ₂)(μ ₂ -O ₂ CR)] ²⁺ cores, and a novel one-dimensional polymerization of two [Cu ₂ (μ ₂ -O ₂ CR) ₂] ²⁺ cores. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 1265-1271	3.1	44
440	Labeling of organic biomolecules with ethynylferrocene. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 1382-8	3.9	44
439	A new dinuclear vanadium(V)-citrate complex from aqueous solutions. Synthetic, structural, spectroscopic, and pH-dependent studies in relevance to aqueous vanadium(V)-citrate speciation. <i>Inorganic Chemistry</i> , 2002 , 41, 3850-8	5.1	44
438	A trinuclear cluster containing the {Fe ₃ (β-O)} ⁷⁺ core: Structural, magnetic and spectroscopic (IR, Mössbauer, EPR) studies. <i>Polyhedron</i> , 2005 , 24, 1540-1548	2.7	43
437	Old ligands with new coordination chemistry: Linear trinuclear mixed oxidation state cobalt(III/II/III) complexes and their mononuclear ligand-cobalt(III) complexes featuring 2-pyridyloximates. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 533-538	3.1	43
436	Synthesis, Characterization, and X-ray Study of a Heteroleptic Samarium(III) Porphyrin Double Decker Complex. <i>Inorganic Chemistry</i> , 1995 , 34, 2476-2479	5.1	43
435	Efficient supramolecular synthesis of a robust circular light-harvesting Bodipy-dye based array. <i>Chemical Communications</i> , 2012 , 48, 12213-5	5.8	42

- 434 Synthesis and Structural, Spectroscopic, and Magnetic Characterization of (NH₄)[Fe₃(β-OH)(H₂L)₃(HL)₃] (H₃L = Orotic Acid) Presenting Two Novel Metal-Binding Modes of the Orotate Ligand: The Case of a Spin-Frustrated System. *Inorganic Chemistry*, **2000**, 39, 4452-4459 5.1 42
- 433 Structure and biological perspectives of Cu(II)-indomethacin complexes. *Journal of Inorganic Biochemistry*, **2014**, 140, 185-98 4.2 41
- 432 Initial employment of di-2-pyridyl ketone as a route to nickel(II)/lanthanide(III) clusters: triangular Ni(2)Ln complexes. *Dalton Transactions*, **2010**, 39, 8603-5 4.3 41
- 431 A nearly symmetric trinuclear chromium(III) oxo carboxylate assembly: preparation, molecular and crystal structure, and magnetic properties of [Cr₃O(O₂CPh)₆(MeOH)₃](NO₃)₂MeOH. *Inorganica Chimica Acta*, **2004**, 357, 3162-3172 2.7 41
- 430 Structurally diverse copper(II) herbicide complexes: mono- and bi-nuclear neutral or cationic complexes. *Journal of the Chemical Society Dalton Transactions*, **1996**, 3737 41
- 429 Initial use of the di-2-pyridyl ketone/sulfate blend in 3d-metal cluster chemistry: Preparation, X-ray structures and physical studies of zinc(II) and nickel(II) cubanes. *Journal of Molecular Structure*, **2007**, 829, 176-188 3.4 40
- 428 Syntheses, Structural, and Physical Studies of Basic Cr(III) and Fe(III) Benzilates and Benzoates: Evidence of Antisymmetric Exchange and Distributions of Isotropic and Antisymmetric Exchange Parameters. *European Journal of Inorganic Chemistry*, **2006**, 2006, 3710-3723 2.3 40
- 427 Reactions of 3d-metal nitrates with N,N'-bis(2-pyridyl)urea (LH₂): preparation, X-ray crystal structures and spectroscopic studies of the products trans-[M(II)(ONO₂)₂(LH₂)₂] (M=Mn, Fe, Co, Ni, Cu, Zn) and mer-[Co(III)(LH)₂](NO₃)₂MeOH. *Polyhedron*, **2001**, 20, 2203-2214 2.7 40
- 426 Synthesis and characterization of fac-[M(CO)₃(P)(OO)] and cis-trans-[M(CO)₂(P)₂(OO)] complexes (M = Re, (99m)Tc) with acetylacetonate and curcumin as OO donor bidentate ligands. *Inorganic Chemistry*, **2013**, 52, 12995-3003 5.1 39
- 425 Ni(II) and Cu(II) schiff base complexes with an extended H-bond network. *Inorganica Chimica Acta*, **1998**, 272, 283-290 2.7 39
- 424 A new example of a tetranuclear iron(III) cluster containing the [Fe₄O₂]⁸⁺ core: preparation, X-ray crystal structure, magnetochemistry and Mössbauer study of [Fe₄O₂(O₂CMe)₆(N₃)₂(phen)₂]. *Inorganica Chimica Acta*, **2004**, 357, 1345-1354 2.7 39
- 423 Dinuclear versus tetranuclear cluster formation in zinc(II) nitrate/di-2-pyridyl ketone chemistry: synthetic, structural and spectroscopic studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2005**, 61, 1627-38 4.4 39
- 422 Synthesis and Characterization of Oxotechnetium(V) Complexes with Aza-Substituted 2,6-Dimethyl-4-azaheptane-2,6-dithiol Ligands and Benzyl Mercaptan as Coligand. *Inorganic Chemistry*, **1995**, 34, 1077-1082 5.1 39
- 421 An "S"-shaped pentanuclear Cu_{II} cluster derived from the metal-assisted hydrolysis of pyCOpyCOpy: structural, magnetic and spectroscopic studies. *Dalton Transactions*, **2007**, 3582-9 4.3 38
- 420 pH-specific synthesis and spectroscopic, structural, and magnetic studies of a chromium(III)-citrate species. Aqueous solution speciation of the binary chromium(III)-citrate system. *Inorganic Chemistry*, **2007**, 46, 2998-3009 5.1 38
- 419 2-Pyridyloximate clusters of cobalt and nickel. *Polyhedron*, **2007**, 26, 1830-1834 2.7 38
- 418 Assembly of a helical zinc(II) chain and a two-dimensional cadmium(II) coordination polymer using picolinate and sulfate anions as bridging ligands. *Polyhedron*, **2007**, 26, 4053-4064 2.7 38
- 417 Di-2-pyridyl ketone oxime in 3d-metal carboxylate cluster chemistry: a new family of mixed-valence Mn^{II}Mn^{III} complexes. *Inorganic Chemistry Communication*, **2003**, 6, 1056-1060 3.1 38

- 416 Structural and physical properties of the organic metal $[(P(S,S)\text{-DMEDT-TTF})_2(\text{AuBr}_2)_1(\text{AuBr}_2)_0.75]$. *Solid State Communications*, **1995**, 95, 211-215 1.6 38
- 415 Bis(acetato)bis(1-methyl-4,5-diphenylimidazole)copper(II): preparation, characterization, crystal structure, DNA strand breakage and cytogenetic effect. *Journal of Inorganic Biochemistry*, **1998**, 71, 15-27^{4.2} 37
- 414 Ni[(E)PiPr₂N]₂ complexes: stereoisomers (E = Se) and square-planar coordination (E = Te). *Inorganic Chemistry*, **2008**, 47, 2949-51 5.1 37
- 413 Diorganotin(IV) complexes of dipeptides containing the alpha-aminoisobutyryl residue (Aib): preparation, structural characterization, antibacterial and antiproliferative activities of [(n-Bu)₂Sn(H(-)L)] (LH=H-Aib-L-Leu-OH, H-Aib-L-Ala-OH). *Journal of Inorganic Biochemistry*, **2008**, 102, 1397-405 4.2 37
- 412 Monomeric oxovanadium(IV) compounds of the general formula cis-[V(IV)(=O)(X)(L(NN))(2)](+/0) [X = OH(-), Cl(-), SO₄(2)(-)] and L(NN) = 2,2'-bipyridine (bipy) or 4,4'-disubstituted bipy]. *Inorganic Chemistry*, **2004**, 43, 79-91 5.1 37
- 411 A novel dinuclear species in the aqueous distribution of aluminum in the presence of citrate. *Inorganic Chemistry*, **2003**, 42, 252-4 5.1 37
- 410 Enneanuclear Ni(II) complexes from the use of the flexible ligand 2-pyridinealdoxime: The nature of the inorganic anion does not affect the chemical and structural identity of the cationic cluster. *Inorganica Chimica Acta*, **2006**, 359, 4149-4157 2.7 36
- 409 The effect of charged axial ligands on the EPR parameters in oxovanadium(IV) compounds: an unusual reduction of the Az (51V) values. *Chemistry - A European Journal*, **2001**, 7, 2698-710 4.8 36
- 408 Alcoholysis of 2,2'-Pyridil, (2-C₅H₄N)C(O)C(O)(2-C₅H₄N), in the Presence of Copper(II): A Family of Planar Pentanuclear Copper(II) Complexes Stabilized by [(2-C₅H₄N)C(O)(OR)C(O)(OR)(2-C₅H₄N)]²⁻ and Carboxylate Ligands. *Inorganic Chemistry*, **2000**, 39, 4658-4662 5.1 36
- 407 Synthesis and Physicochemical Characterization of Protonated and Deprotonated Forms in Heteroleptic Lanthanide(III) Porphyrinate Double-Deckers. X-ray Structure of Gd(III)H(oep)(tpp) at 298 and 21 K. *Inorganic Chemistry*, **1999**, 38, 1683-1696 5.1 36
- 406 New metal-binding modes for 5-aminooorotic acid: preparation, characterization and crystal structures of zinc(II) complexes. *Journal of the Chemical Society Dalton Transactions*, **1998**, 1327-1334 35
- 405 Systematic studies on pH-dependent transformations of dinuclear vanadium(V)-citrate complexes in aqueous solutions. A perspective relevance to aqueous vanadium(V)-citrate speciation. *Journal of Inorganic Biochemistry*, **2003**, 93, 161-73 4.2 35
- 404 The use of di-2-pyridyl ketone in manganese(II) benzoate chemistry: Two novel linkage isomers containing the ketone form of the ligand and a neutral cubane containing the ligand in its gem-diolate(-1) form. *Inorganic Chemistry Communication*, **2008**, 11, 196-202 3.1 34
- 403 Reactivity and structural and physical studies of tetranuclear iron(III) clusters containing the [Fe₄(μ₃-O)₂]⁸⁺ "butterfly" core: an FeIII₄ cluster with an S = 1 ground state. *Inorganic Chemistry*, **2006**, 45, 7372-81 5.1 34
- 402 4-(Hydroxymethyl)pyridine and pyrimidine in manganese benzoate chemistry: Preparation and characterization of hexanuclear clusters featuring the {Mn₄II Mn₂III(μ₃-O)₂}¹⁰⁺ core. *Polyhedron*, **2006**, 25, 1737-1746 2.7 34
- 401 pH-specific synthesis of a dinuclear vanadium(V)-peroxo-citrate complex in aqueous solutions: pH-dependent linkage, spectroscopic and structural correlations with other aqueous vanadium(V)-peroxo-citrate and non-peroxo species. *Inorganic Chemistry*, **2004**, 43, 2895-905 5.1 34
- 400 Novel Six-Coordinate Oxorhenium $\text{B} + 2\text{L}$ Mixed-Ligand Complexes Carrying the SNS/PO Donor Atom Set: Synthesis and Characterization. *Inorganic Chemistry*, **1999**, 38, 4197-4202 5.1 34
- 399 Cationic control of spin dimensionality in infinite chains of (cation)₂[MnIII(salicylate)₂(CH₃OH)₂][MnIII(salicylate)₂]. *Inorganic Chemistry*, **1991**, 30, 3900-3907 5.1 34

- 398 Rare M7O2 double tetrahedral core in molecular species: preparation, structure and properties of [Zn7O2(O2CMe)10(1-Meim)2] (1-Meim = 1-methylimidazole). *Chemical Communications*, **1998**, 1513-1514^{5.8} 33
- 397 Ferromagnetism in CuII4 and CoII4 Complexes Derived from Metal-Assisted Solvolysis of Di-2,6-(2-pyridylcarbonyl)pyridine: Syntheses, Structures, and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2008**, 2008, 3796-3801 2.3 33
- 396 Mononuclear versus dinuclear complex formation in nickel(II) sulfate/phenyl(2-pyridyl)ketone oxime chemistry depending on the ligand to metal reaction ratio: synthetic, spectral and structural studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2008**, 70, 718-28 4.4 33
- 395 Di-2-pyridyl ketone in lanthanide(III) chemistry: Mononuclear and dinuclear erbium(III) complexes. *Polyhedron*, **2006**, 25, 539-549 2.7 33
- 394 A [24-MC-6] zinc metallacoronate with a nonsteroidal antiinflammatory drug as the constructing ligand. *Inorganic Chemistry*, **2012**, 51, 7460-2 5.1 32
- 393 Conversion of tetrahedral to octahedral structures upon solvent coordination: studies on the M[(OPPh2)(SePPh2)N]2 (M = Co, Ni) and [Ni{(OPPh2)(EPPH2)N}2(dmF)2] (E = S, Se) complexes. *Dalton Transactions*, **2011**, 40, 169-80 4.3 32
- 392 Synthesis and pharmacochemical study of new Cu(II) complexes with thiophen-2-yl saturated and alpha,beta-unsaturated substituted carboxylic acids. *Journal of Inorganic Biochemistry*, **2007**, 101, 623-34^{4.2} 32
- 391 Heptanuclearity in nickel(II) chemistry: preparation, characterization, crystal structure and magnetic properties of [Ni7(OH)2(acac)8(btaO)4(H2O)2] (btaO = the 1-hydroxybenzotriazolate ion). *Polyhedron*, **2002**, 21, 2117-2126 2.7 32
- 390 Structural aesthetics in molecular nanoscience: a unique Ni26 cluster with a 'rabbit-face' topology and a discrete Ni18 'molecular chain'. *Chemical Communications*, **2014**, 50, 14942-5 5.8 31
- 389 Employment of methyl 2-pyridyl ketone oxime in 3d/4f-metal chemistry: dinuclear nickel(II)/lanthanide(III) species and complexes containing the metals in separate ions. *Dalton Transactions*, **2012**, 41, 13755-64 4.3 31
- 388 1D/2D Metal/Organic Lattice Assemblies through Chemical Reactivity and Metal-Assisted Ligand Transformations in Ternary Pb(II)-Phenanthroline-(Hydroxy)dicarboxylic Acid Systems. *Crystal Growth and Design*, **2011**, 11, 382-395 3.5 31
- 387 Interpretation of the magnetic properties of a compound consisting of cocrystallized Cu(II)(3) and Cu(II)(4) clusters through the targeted synthesis and study of its discrete Cu(II)(4) component. *Inorganic Chemistry*, **2009**, 48, 4610-2 5.1 31
- 386 Mononuclear titanium(IV)-citrate complexes from aqueous solutions: pH-specific synthesis and structural and spectroscopic studies in relevance to aqueous titanium(IV)-citrate speciation. *Inorganic Chemistry*, **2005**, 44, 2596-605 5.1 31
- 385 Model investigations of vanadium-protein interactions: novel vanadium(III) and oxovanadium(IV) compounds with the diamidate ligand 1,2-bis(2-pyridinecarboxamide)benzene (H2bpb). *Inorganic Chemistry*, **2000**, 39, 2977-85 5.1 31
- 384 Structural and Physical Properties of E(EDO-S,S-DMEDT-TTF)2 (AuBr2)1(AuBr2)y. *Molecular Crystals and Liquid Crystals*, **1996**, 285, 83-88 31
- 383 Zinc complexes of flufenamic acid: Characterization and biological evaluation. *Journal of Inorganic Biochemistry*, **2016**, 163, 332-345 4.2 31
- 382 The [Cu2(O2CMe)4(btd)2] complex as a bridging unit: preparation, characterisation, X-ray structure and magnetism of the 2D coordination polymer {[Cu6(O2CMe)8(OMe)4(btd)2]}n (btd=2,1,3-benzothiadiazole). *Inorganica Chimica Acta*, **2001**, 326, 53-64 2.7 30
- 381 Structurally Diverse Manganese(II)Diclofenac Complexes Showing Enhanced Antioxidant Activity and Affinity to Serum Albumins in Comparison to Sodium Diclofenac. *European Journal of Inorganic Chemistry*, **2015**, 2015, 2285-2294 2.3 29

380	pH-specific hydrothermal assembly of binary and ternary Pb(II)-(O,N-carboxylic acid) metal organic framework compounds: correlation of aqueous solution speciation with variable dimensionality solid-state lattice architecture and spectroscopic signatures. <i>Inorganic Chemistry</i> , 2012 , 51, 9282-96	5.1	29
379	Preparation and pharmacochemical evaluation of mixed ligand copper(II) complexes with triethanolamine and thiophenyl-2 saturated carboxylic acids. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 839-49	4.2	29
378	Strong antiferromagnetic coupling in doubly N,O oximato-bridged dinuclear copper(II) complexes. <i>Polyhedron</i> , 2010 , 29, 204-211	2.7	29
377	Cadmium Carboxylate Chemistry: Preparation, Crystal Structure, and Thermal and Spectroscopic Characterization of the One-dimensional Polymer [Cd(O2CMe)(O2CPh)(H2O)2] _n . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003 , 58, 1045-1054	1	29
376	Crystal Engineering: Stacking Interactions Control the Crystal Structures of Benzothiadiazole (btd) and Its Complexes with Copper(II) and Copper(I) Chlorides. <i>Crystal Growth and Design</i> , 2001 , 1, 191-194	3.5	29
375	New 1,1?-Ring-substituted Vanadocene Dichlorides. Crystal structures of [V(β-C5H4SiMe3)2Cl2] and [V(β-C5H5)2Cl2]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1996 , 622, 898-902	1.3	29
374	Novel mixed ligand technetium complexes as 5-HT1A receptor imaging agents. <i>Nuclear Medicine and Biology</i> , 2002 , 29, 217-26	2.1	28
373	Synthesis, Crystal Structure, and Magnetic Properties of a One-Dimensional Polymeric Copper(II) Complex, Containing Unicoordinated Phthalato Bridges. <i>Inorganic Chemistry</i> , 1998 , 37, 4735-4737	5.1	28
372	Benzotriazolate-mediated assembly of the discrete asymmetric pentanuclear nickel complex [Ni5(OH)(bta)5(acac)4(H2O)4](Hbta = benzotriazole, Hacac = pentane-2,4-dione). <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1347		28
371	Models of Oxovanadium(IV)Protein Interactions: The First Oxovanadium(IV) Complexes with Dipeptides. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2531-2533		28
370	Synthetic and structural chemistry of nickel(II)/1-methylbenzotriazole complexes. <i>Polyhedron</i> , 1994 , 13, 1593-1608	2.7	28
369	Aryliodonium Derivatives of 2-Amino-1,4-quinones : Preparation and Reactivity. <i>Tetrahedron</i> , 1997 , 53, 6097-6112	2.4	27
368	Structure and photophysical behavior of 2,2?-bipyrimidine/lanthanide ion complexes in various environments. <i>Journal of Luminescence</i> , 2008 , 128, 481-488	3.8	27
367	Oxorhenium(V) and oxotechnetium(V) [NN][S]3 complexes of 2-phenylbenzothiazole derivatives. <i>Inorganic Chemistry</i> , 2006 , 45, 902-9	5.1	27
366	Structural and magnetic variations in tetranuclear Ni(II) clusters: the effect of the reaction solvent and ligand substitution on product identity. <i>Dalton Transactions</i> , 2014 , 43, 16605-9	4.3	26
365	Synthesis, characterization, DNA binding properties and antioxidant activity of a manganese(II) complex with NO6 chromophore. <i>Journal of Inorganic Biochemistry</i> , 2013 , 118, 48-58	4.2	26
364	Successive Michael reactions on chromone derivatives with dimethyl 1,3-acetonedicarboxylate: one-pot synthesis of functionalized benzophenones, benzo[c]chromones and hydroxybenzoylfuroates. <i>Tetrahedron</i> , 2008 , 64, 11611-11617	2.4	26
363	Unexpected reduction of vanadium(IV) to vanadium(III) in the presence of the chelate ligands 2,2?-bipyridine (bpy) and 1,8-hydroxyquinoline (Hquin). <i>Dalton Transactions RSC</i> , 2001 , 1556-1558		26

- 362 Manganese(II) complexes with the non-steroidal anti-inflammatory drugs naproxen and mefenamic acid: synthesis, structure, antioxidant capacity, and interaction with albumins and DNA. *New Journal of Chemistry*, **2018**, 42, 16666-16681 3.6 26
- 361 Single-Strand Molecular Wheels and Coordination Polymers in Copper(II) Benzoate Chemistry by the Employment of β -Benzoin Oxime and Azides: Synthesis, Structures, and Magnetic Characterization. *European Journal of Inorganic Chemistry*, **2012**, 2012, 3121-3131 2.3 25
- 360 Controlled vinyl-type polymerization of norbornene with a Nickel(II) diphosphinoamine/methylaluminumoxane catalytic system. *Journal of Polymer Science Part A*, **2009**, 47, 5241-5250 2.5 25
- 359 A family of mononuclear Co(II)/2-pyridyloximate complexes and their conversion to trinuclear, mixed-valence linear clusters. *Polyhedron*, **2009**, 28, 1638-1645 2.7 25
- 358 A rare all-Mn²⁺ decametallc cage from distorted face-sharing cubes. *Inorganica Chimica Acta*, **2007**, 360, 61-68 2.7 25
- 357 Initial use of di-2-pyridyl ketone oxime in chromium carboxylate chemistry: Triangular {Cr(III)(β -O)}₇⁺ compounds and unexpected formation of a carboxylate-free dichromium(II,II) complex. *Inorganica Chimica Acta*, **2007**, 360, 69-83 2.7 25
- 356 Preparation and characterization of technetium and rhenium tricarbonyl complexes bearing the 4-nitrobenzyl moiety as potential bioreductive diagnostic radiopharmaceuticals. In vitro and in vivo studies. *European Journal of Medicinal Chemistry*, **2008**, 43, 741-8 6.8 25
- 355 pH-specific aqueous synthetic chemistry in the binary cadmium(II)-citrate system. Gaining insight into cadmium(II)-citrate speciation with relevance to cadmium toxicity. *Inorganic Chemistry*, **2005**, 44, 4818-28 5.1 25
- 354 Preparation, crystal structure and solution studies of [Mn₂L₂Cl₄(H₂O)₂], where L=2-(2'-pyridyl)quinoxaline. *Polyhedron*, **1999**, 18, 1615-1620 2.7 25
- 353 Investigation of the zinc(II)-benzoate-2-pyridinealdoxime reaction system. *Dalton Transactions*, **2012**, 41, 3797-806 4.3 24
- 352 Ferromagnetic and antiferromagnetic copper(II) complexes: counterplay between zero-field effects of the quartet ground state and intermolecular interactions. *Dalton Transactions*, **2011**, 40, 7946-56 4.3 24
- 351 Employment of the sulfate ligand in 3d-metal cluster chemistry: A novel hexanuclear nickel(II) complex with a chair metal topology. *Polyhedron*, **2009**, 28, 3177-3184 2.7 24
- 350 A mononuclear complex and a cubane cluster from the initial use of 2-(hydroxymethyl)pyridine in nickel(II) carboxylate chemistry. *Polyhedron*, **2009**, 28, 3373-3381 2.7 24
- 349 A new tricarbonyl fac-[M(acac)(isc)(CO)₃] complex (M=Re, 99mTc) with acetylacetonate (acac) and isocyanide (isc) in a 2+1 combination. *Inorganica Chimica Acta*, **2010**, 363, 1649-1653 2.7 24
- 348 A general synthetic route for the preparation of high-spin molecules: Replacement of bridging hydroxo ligands in molecular clusters by end-on azido ligands. *Polyhedron*, **2007**, 26, 2089-2094 2.7 24
- 347 Salicylaldoxime in manganese(III) carboxylate chemistry: Synthesis, structural characterization and physical studies of hexanuclear and polymeric complexes. *Polyhedron*, **2008**, 27, 3575-3586 2.7 24
- 346 2-Pyridyl aldoxime in cobalt carboxylate chemistry: Synthesis and characterization of trinuclear complexes. *Inorganic Chemistry Communication*, **2008**, 11, 1194-1197 3.1 24
- 345 Dinuclear lanthanide(III) complexes from the use of di-2-pyridyl ketone: Preparation, structural characterization and spectroscopic studies. *Polyhedron*, **2006**, 25, 2869-2879 2.7 24

344	Metal-Organic Frameworks: Synthetic Methods and Potential Applications. <i>Materials</i> , 2021 , 14,	3.5	24
343	Copper(II) Inverse-[9-Metallacrown-3] Compounds Accommodating [Nitrate or Diclofenac Ligands: Structure, Magnetism, and Biological Activity. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 219-231	2.3	23
342	Triangular NiII ₂ LnIII and NiII ₂ YIII complexes derived from di-2-pyridyl ketone: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 2978-2986	2.7	23
341	Complexes derived from the copper(II) perchlorate/maleamic acid/2,2'-bipyridine and copper(II) perchlorate/maleic acid/2,2'-bipyridine reaction systems: Synthetic, reactivity, structural and spectroscopic studies. <i>Polyhedron</i> , 2009 , 28, 1085-1096	2.7	23
340	First X-ray crystal structure of a lanthanide(III) monoporphyrinic complex using non-planar porphyrin rings. <i>Chemical Communications</i> , 1997 , 783-784	5.8	23
339	Structural motifs of diiodine complexes with amides and thioamides. <i>Dalton Transactions</i> , 2008 , 5159-654.3	4.3	23
338	2,2'-Bipyridine, 1,10-phenanthroline and 2,2':6',2'-terpyridine in gallium(III) chemistry: Complexes containing the core. <i>Journal of Molecular Structure</i> , 2007 , 837, 5-14	3.4	23
337	Monomeric compounds containing the cis-[V(=O)(OH)] ⁺ core. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2797-801	16.4	23
336	Tetranuclear iron(III) carboxylate clusters with 1,10-phenanthroline and 2,2'-bipyridine: a new [Fe ₄ (μ-OHO)(μOH) ₂] ⁷⁺ core. <i>Dalton Transactions RSC</i> , 2001 , 955-957		23
335	Preparation, structural characterization and properties of malonamato(II) complexes. <i>Polyhedron</i> , 1995 , 14, 2115-2125	2.7	23
334	Molybdenum(VI)-copper(II) Schiff-base chain complexes having Cu ₂ Mo ₂ O ₄ cubane-like cores. Synthesis, crystal structure, and magnetic properties of [Cu ₂ Mo ₂ O ₄ (SALADHP) ₂ (MeO) ₂ ·n·2CH ₃ CN] _n [H ₃ SALADHP = 1,3-dihydroxy-2-methyl-2-(salicylideneamino)propane]. <i>Inorganic Chemistry</i> , 1992 , 31, 4339-4345	5.1	23
333	Binding of oxime group to uranyl ion. <i>Dalton Transactions</i> , 2016 , 45, 9307-19	4.3	23
332	"Switching on" the single-molecule magnet properties within a series of dinuclear cobalt(III)-dysprosium(III) 2-pyridyloximate complexes. <i>Dalton Transactions</i> , 2017 , 46, 14812-14825	4.3	22
331	Nonemployed Simple Carboxylate Ions in Well-Investigated Areas of Heterometallic Carboxylate Cluster Chemistry: A New Family of {Cu(II) ₄ Ln(III) ₈ } Complexes Bearing tert-Butylacetate Bridging Ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 7555-61	5.1	22
330	Ni(II) ₂₀ "Bowls" from the Use of Tridentate Schiff Bases. <i>Inorganic Chemistry</i> , 2015 , 54, 5615-7	5.1	22
329	A Phenylbenzothiazole Conjugate with the Tricarbonyl fac-[M(I)(CO) ₃] ⁺ (M = Re, ⁹⁹ Tc, ^{99m} Tc) Core for Imaging of β-Amyloid Plaques. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4279-4286	2.3	22
328	Photoluminescence and electroluminescence by gallium(III) complexes of N-salicylidene-o-aminophenol and its derivatives. <i>Journal of Luminescence</i> , 2009 , 129, 578-583	3.8	22
327	A tetranuclear complex from the employment of pyridine-2,6-dimethanol in copper(II) nitrate chemistry: Synthetic, structural and magnetic studies. <i>Polyhedron</i> , 2009 , 28, 3235-3242	2.7	22

- 326 Dinuclear versus trinuclear complex formation in zinc(II) benzoate/pyridyl oxime chemistry depending on the position of the oxime group. *Polyhedron*, **2009**, 28, 3243-3250 2.7 22
- 325 Synthesis, spectroscopic, structural and magnetic studies of new binary Cr(III) nitrate pH-specific structural variants from aqueous media. *Polyhedron*, **2009**, 28, 3209-3220 2.7 22
- 324 First example of well-characterized Re and ^{99m}Tc tricarbonyl complexes of ciprofloxacin and norfloxacin in the development of infection-specific imaging agents. *Inorganica Chimica Acta*, **2011**, 370, 236-242 2.7 22
- 323 Expedient one-pot synthesis of highly substituted thiazolo[3,2-a]pyridines involving chromones. *Tetrahedron*, **2010**, 66, 947-954 2.4 22
- 322 Some unsymmetrical nickel 1,2-dithiolene complexes as candidate materials for optics and electronics. *Solid State Sciences*, **2008**, 10, 1729-1733 3.4 22
- 321 Synthesis, structural and DFT studies of a peroxo-niobate complex of the biological ligand 2-quinaldic acid. *Polyhedron*, **2008**, 27, 3398-3408 2.7 22
- 320 Synthesis and physical studies of lanthanide(III) complexes of N,N-bis(2-hydroxyethyl)glycinate (bicinate, bicH₂⁻) molecular and crystal structure of [Gd(O₂CMe)(bicH₂)(phen)(H₂O)](ClO₄).phen.3H₂O (phen=1,10-phenanthroline). *Inorganica Chimica Acta*, **2002**, 336, 8-18 2.7 22
- 319 Topological Control in Two-Dimensional Cobalt(II) Coordination Polymers by π -Stacking Interactions: Synthesis, Spectroscopic Characterization, Crystal Structure, and Magnetic Properties. *Journal of Solid State Chemistry*, **2001**, 159, 371-378 3.3 22
- 318 An EPR and ¹H NMR active mixed-valence manganese (III/II/III) trinuclear compound. *Inorganic Chemistry*, **2000**, 39, 2621-30 5.1 22
- 317 Weak ferromagnetism in 1D coordination polymers: Syntheses, crystal structures, spectroscopic and magnetic properties of [Cu(L)(Memal)_n] (Memal²⁻ the dianion of methylmalonic acid, L=1,10-phenanthroline, 2,2'-bipyridine). *Polyhedron*, **2007**, 26, 2536-2542 2.7 21
- 316 Development of novel mixed-ligand oxotechnetium [SNS/S] complexes as potential 5-HT_{1A} receptor imaging agents. *Journal of Biological Inorganic Chemistry*, **2001**, 6, 256-65 3.7 21
- 315 Six- and five-coordinated complexes of Co(II) with 2-(2'-pyridyl)quinoxaline. Crystal structures of the complexes [CoLCl₂(DMF)] and [CoL₂(H₂O)₂](ClO₄)₂·H₂O·2CH₃OH. *Inorganic Chemistry Communication*, **2000**, 3, 251-254 3.1 21
- 314 Dinuclear lanthanide(III) complexes by metal-ion-assisted hydration of di-2-pyridyl ketone azine. *Inorganic Chemistry*, **2013**, 52, 4145-7 5.1 20
- 313 Synthesis and structure of N-salicylidene-o-aminophenolato gallium(III) complexes. *Polyhedron*, **2009**, 28, 3279-3283 2.7 20
- 312 Initial use of 1-hydroxybenzotriazole in the chemistry of group 12 metals: An 1D zinc(II) coordination polymer and a mononuclear cadmium(II) complex containing the deprotonated ligand in a novel monodentate ligation mode. *Inorganic Chemistry Communication*, **2009**, 12, 92-96 3.1 20
- 311 Asymmetric nitrene cycloadditions and their application to the synthesis of enantiopure pyrrolidine and pyrrolizidine derivatives. *Tetrahedron*, **2007**, 63, 321-330 2.4 20
- 310 Synthetic study of the ternary copper(II)/maleamate(-1)/1,10-phenanthroline reaction system: Mononuclear, dinuclear and polymeric complexes. *Polyhedron*, **2008**, 27, 2131-2142 2.7 20
- 309 Novel mixed-valence manganese cluster with two distinct Mn³(II/III/II) and Mn³(III/II/III) trinuclear units in a pseudocubane-like arrangement. *Inorganic Chemistry*, **2008**, 47, 7608-14 5.1 20

308	Investigation of the Zinc Chloride / Methyl(2-pyridyl)ketone Oxime Reaction System: A Mononuclear Complex and an Inverse 12-Metallacrown-4 Cluster. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 37-46	1	20
307	A Cationic Tetranuclear [NiII ₄ (MeOH) ₂ (pko) ₆] ²⁺ Cluster Showing Antiferro- and Ferromagnetic Features. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 3822-3827	2.3	20
306	2,2'-Bipyrimidine (bpym) in iron(III) carboxylate chemistry: preparation and characterization of [Fe ₂ O(O ₂ CMe) ₂ (bpym) ₂ (H ₂ O) ₂](ClO ₄) ₂ , and the influence of weak interactions in the formation of metal clusters. <i>Polyhedron</i> , 2004 , 23, 1271-1277	2.7	20
305	Synthesis and characterization of tin(IV) and organotin(IV) 1,4-dimethylpiperazine-2,5-dione (cyclosarcosylsarcosine) adducts. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 123		20
304	Two novel compounds of vanadium and molybdenum with carnitine exhibiting potential pharmacological use. <i>Journal of Inorganic Biochemistry</i> , 2015 , 142, 109-117	4.2	19
303	Rhenium(I) Tricarbonyl Complexes with (2-Hydroxyphenyl)diphenylphosphine as PO Bidentate Ligand. <i>Inorganic Chemistry</i> , 2017 , 56, 8175-8186	5.1	19
302	Binary and Ternary Metal/Organic Hybrid Polymers in Aqueous Lead(II)/Dicarboxylic Acid(Phen) Systems. The Influence of O- and S-Ligand Heteroatoms on the Assembly of Distinct Lattice Architecture, Dimensionality, and Spectroscopic Properties. <i>Crystal Growth and Design</i> , 2013 , 13, 2573-2589	3.5	19
301	Binary Decavanadate-Betaine Composite Materials of Potential Anticarcinogenic Activity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1407-1416	1.3	19
300	Investigation of the MSO ₄ · xH ₂ O (M = Zn, x = 7; M = Cd, x = 8/3)/methyl 2-pyridyl ketone oxime reaction system: A novel Cd(II) coordination polymer versus mononuclear and dinuclear Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2361-2370	2.7	19
299	Probing for missing links in the binary and ternary V(V)-citrate-(H ₂ O ₂) systems: synthetic efforts and in vitro insulin mimetic activity studies. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 503-16	4.2	19
298	Synthesis, characterization and crystal structure of novel mononuclear peroxotungsten(VI) complexes. Insulinomimetic activity of W(VI) and Nb(V) peroxo complexes. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 859-68	4.2	19
297	pH-Specific synthetic chemistry, and spectroscopic, structural, electrochemical and magnetic susceptibility studies in binary Ni(II)-(carboxy)phosphonate systems. <i>Polyhedron</i> , 2009 , 28, 3331-3339	2.7	19
296	Methanolysis as a route to gallium(III) clusters: synthesis and structural characterization of a decanuclear molecular wheel. <i>Inorganic Chemistry</i> , 2006 , 45, 8823-5	5.1	19
295	Structural dependence of the gallium(III)/4,4'-dimethyl-2,2'-bipyridine (dmbpy) complexes on the nature of the inorganic anion present: Preparation and characterization of [GaCl ₂ (dmbpy) ₂][GaCl ₄], [GaCl ₂ (dmbpy) ₂](ClO ₄) and [Ga(dmbpy) ₂ (H ₂ O) ₂](NO ₃) ₃ . <i>Inorganica Chimica Acta</i> , 2006 , 359, 3389-3395	2.7	19
294	Polynuclear oxomolybdenum(VI) complexes of dihydroxybenzoic acids: Synthesis, spectroscopic and structure characterization of a tetranuclear catecholato-type coordinated 2,3-dihydroxybenzoate and a novel tridentate salicylato-type coordinated 2,5-dihydroxybenzoate trinuclear complex. <i>Polyhedron</i> , 2006 , 25, 1337-1347	2.7	19
293	The first metal complex of 5-hydroxyrotic acid: dimethylammonium bis(N,N-dimethylformamide) bis(5-hydroxyrotato(-2))gallate(III). <i>Inorganic Chemistry Communication</i> , 2004 , 7, 69-72	3.1	19
292	The dipeptide H-Aib-l-Ala-OH ligand in copper(II) chemistry: Variation of product identity as a function of pH. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 1085-1089	3.1	19
291	Novel oxorhenium and oxotechnetium complexes from an aminothiolo[NS]/thiolo[S] mixed-ligand system. <i>Chemistry - A European Journal</i> , 2001 , 7, 3671-80	4.8	19

- 290 p-Hydroquinone-metal compounds: synthesis and crystal structure of two novel VV-p-hydroquinonate and VIV-p-semiquinonate species. *Chemical Communications*, **2002**, 2786-7 5.8 19
- 289 Oxorhenium phosphinophenolato complexes with model peptide fragments: synthesis, characterization, and stability considerations. *Inorganic Chemistry*, **2000**, 39, 5197-202 5.1 19
- 288 A tetrahedron in a cube: a dodecanuclear Zn(II) benzoate cluster from the use of 2-pyridinealdoxime. *Dalton Transactions*, **2010**, 39, 4492-4 4.3 18
- 287 Rhenium(I) and technetium(I) fac-M(NSO)(CO)₃ (M=Re, 99mTc) tricarbonyl complexes, with a tridentate NSO bifunctional agent: Synthesis, structural characterization, and radiochemistry. *Polyhedron*, **2010**, 29, 876-880 2.7 18
- 286 pH-specific synthesis, isolation, spectroscopic and structural characterization of a new dimeric assembly of dinuclear vanadium(V) dicitrate peroxo species from aqueous solutions. *Inorganica Chimica Acta*, **2008**, 361, 2631-2640 2.7 18
- 285 Delving into the complex picture of Ti(IV) dicitrate speciation in aqueous media: Synthetic, structural, and electrochemical considerations in mononuclear Ti(IV) complexes containing variably deprotonated citrate ligands. *Inorganica Chimica Acta*, **2008**, 361, 2210-2224 2.7 18
- 284 Synthesis, isolation, spectroscopic and structural characterization of a new pH complex structural variant from the aqueous vanadium(V)-peroxo-citrate ternary system. *Inorganica Chimica Acta*, **2006**, 359, 4535-4548 2.7 18
- 283 Dipeptides containing the alpha-aminoisobutyric residue (Aib) as ligands: preparation, spectroscopic studies and crystal structures of copper(II) complexes with H-Aib-X-OH (X=Gly, L-Leu, L-Phe). *Journal of Inorganic Biochemistry*, **2003**, 93, 109-18 4.2 18
- 282 Organotin(IV) complexes with 2-(2'-pyridyl)quinoxaline (L): The crystal structure of the [SnEt₂Cl₂](L)_{0.5} benzene. *Polyhedron*, **1999**, 18, 3005-3012 2.7 18
- 281 Structural studies of ReO(V) mixed ligand [SNS][Cl] and [SNS][S] complexes. *Inorganica Chimica Acta*, **1999**, 287, 142-151 2.7 18
- 280 Histidine derivatives as tridentate chelators for the fac-[M(CO)₃] (Re, 99mTc, 188Re) core: Synthesis, structural characterization, radiochemistry and stability. *Inorganica Chimica Acta*, **2011**, 378, 333-337 2.7 17
- 279 Crystal engineering with 2,1,3-benzoselenadiazole and mercury(II) chloride. *Polyhedron*, **2009**, 28, 3199-3202 2.7 17
- 278 Bis[1,2-diphenyl-1,2-ethylenedithiolato(2-)-kS1,kS2] gold: Preparation, structure and properties. *Polyhedron*, **2009**, 28, 3368-3372 2.7 17
- 277 Alcoholysis/hydrolysis of 1,1'-carbonyldiimidazole as a means of preparing unprecedented, imidazole-containing one-dimensional coordination polymers of copper(II). *Dalton Transactions*, **2009**, 3354-62 4.3 17
- 276 A Self-assembling Trinuclear Molecular Complex of Nickel(II) with Benzene-1,3,5-tricarboxylic Acid. *Journal of Chemical Research Synopses*, **1997**, 204-205 17
- 275 Synthesis and characterization of new RhI complexes bearing CO, PPh₃ and chelating P,O- or Se,Se-ligands: Application to hydroformylation of styrene. *Journal of Organometallic Chemistry*, **2007**, 692, 4129-4138 2.3 17
- 274 pH-Specific Synthesis and Structural and Spectroscopic Characterization of a Complex between Co(II) and N,N-Bis(phosphonomethyl)glycine: Cobalt Phosphonate Interactions in the Solid State and in Solution. *European Journal of Inorganic Chemistry*, **2006**, 2006, 1945-1956 2.3 17
- 273 Hydrogen bonded networks based on lanthanide(III) complexes of N,N'-dimethylurea (DMU): preparation, characterisation, and crystal structures of [Nd(DMU)₆][NdCl₆] and [Nd(NO₃)₃(DMU)₃]. *Polyhedron*, **2003**, 22, 825-835 2.7 17

- 272 Synthesis and characterization of novel 99gTc(V) and Re(V) complexes with water-soluble tetraaza diamido dipyridino ligands: single-crystal X-ray structural investigations of mono- and dinuclear complexes. *Inorganic Chemistry*, **2003**, 42, 2960-7 5.1 17
- 271 Comparative study of the metal-ligand bond strength in MnII/X/U complexes (X=Cl, Br, I; U=urea). *Journal of Molecular Structure*, **2000**, 525, 173-183 3.4 17
- 270 Synthesis and characterization of five-coordinate rhenium(V) and technetium(V) mixed ligand bifunctional complexes carrying the SNS/S or the SNN/S donor atom set. Crystal structure of ReO₂[(C₂H₅)₂NCH₂CH₂N(CH₂CH₂S)₂](p-H₂NPhS)} and ReO₂[(CH₂)₄NCH₂CH₂NCH₂CH₂S](p-H₂NPhS)}. *Inorganica Chimica Acta*, **1999**, 285, 97-106 2.7 17
- 269 A structural model for the copper(II) site of Cu-Zn superoxide dismutase: preparation, crystal structure and properties of [Cu(Mebta)₄(H₂O)](ClO₄)₂·4EtOH (Mebta = 1-methylbenzotriazole). *Transition Metal Chemistry*, **1999**, 24, 541-545 2.1 17
- 268 Conducting and superconducting salts based on BEDTTTF and on some unsymmetrical tetrachalcogenafulvalenes. *Synthetic Metals*, **1995**, 70, 787-788 3.6 17
- 267 Copper(II) chloride-l-methylbenzotriazole chemistry: variation of product as a function of metal-to-ligand reaction ratio; synthesis, structure and properties of a dinuclear complex and a novel chain polymer with two alternating chromophores. *Journal of the Chemical Society Dalton* 17
- 266 Remarkable Brain Penetration of Cyclopentadienyl M(CO) (M = Tc, Re) Derivatives of Benzothiazole and Benzimidazole Paves the Way for Their Application as Diagnostic, with Single-Photon-Emission Computed Tomography (SPECT), and Therapeutic Agents for Alzheimer's Disease. *Journal of Medicinal Chemistry*, **2019**, 62, 2638-2650 8.3 16
- 265 Mononuclear anionic octahedral cobalt(III) complexes based on N-salicylidene-o-aminophenol and its derivatives: synthetic, structural and spectroscopic studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 136 Pt A, 122-30 4.4 16
- 264 Synthesis, structural characterization and radiochemistry of di- and tricarbonyl Re(I) and 99mTc(I) complexes with 8-hydroxyquinoline or 8-mercaptoquinoline and triphenylphosphine. *Polyhedron*, **2014**, 68, 46-52 2.7 16
- 263 2-Pyrrolyloximes in high-nuclearity transition-metal cluster chemistry: Fe₁₀ and Fe₁₂. *Inorganic Chemistry*, **2013**, 52, 1176-8 5.1 16
- 262 Initial employment of pyridine-2-amidoxime in zinc(II) chemistry: Synthetic, structural and spectroscopic studies of mononuclear and dinuclear complexes. *Inorganica Chimica Acta*, **2011**, 376, 470-478 2.7 16
- 261 Complexes derived from the general copper(II)/maleamic acid/N,N',N''-chelate reaction systems: Synthetic, reactivity, structural and spectroscopic studies. *Polyhedron*, **2009**, 28, 3185-3192 2.7 16
- 260 Triangular Ni(II) complexes from the use of 2-pyridyl oximes. *Polyhedron*, **2010**, 29, 627-633 2.7 16
- 259 A new MnII₄MnIII₄ cluster from the use of methyl 2-pyridyl ketone oxime in manganese carboxylate chemistry: Synthetic, structural and magnetic studies. *Polyhedron*, **2008**, 27, 3703-3709 2.7 16
- 258 Hydrogenation/Regioselective C-Acylation Reaction of Diethyl Coumarin-3-phosphonate With NaBH₄/Acid Anhydrides: A New One-Pot Tandem Reaction. *Synthetic Communications*, **2006**, 36, 509-524 1.7 16
- 257 Metal complexes of dipeptides containing the β-aminoisobutyric residue (Aib): preparation, characterization and crystal structures of copper(II) complexes with H₂Aib₂Aib₂H. *Polyhedron*, **2002**, 21, 229-238 2.7 16
- 256 Hydrogen-bonded networks based on manganese(II), nickel(II), copper(II) and zinc(II) complexes of N,N'-dimethylurea. *Transition Metal Chemistry*, **2003**, 28, 548-557 2.1 16
- 255 Model Studies of the Interaction of Vanadium(III) and Oxovanadium(IV/V) with the Carbonyl Amide Oxygen. *Inorganic Chemistry*, **1998**, 37, 6785-6794 5.1 16

- 254 Study on the formation of mixed ligand oxorhenium and oxotechnetium complexes (SNS/S combination). *Inorganica Chimica Acta*, **1999**, 295, 1-8 2.7 16
- 253 Die gem-Diol-Form von (py)₂CO als Ligand in Cobalt(II)-carboxylat-Clustern: ein Cubankomplex und eine neuartige neunkernige Verbindung, in der zwei quadratische Pyramiden mit gemeinsamem Scheitelpunkt vorliegen. *Angewandte Chemie*, **1999**, 111, 1036-1038 3.6 16
- 252 Synthesis, characterization and optoelectronic properties of chemically stable (CH₃)₃SPbI₃Br_x and (CH₃)₃SPbI₃Cl_x (x = 0, 1, 2, 3) perovskites. *Polyhedron*, **2018**, 140, 67-73 2.7 16
- 251 Room-temperature Suzuki-Miyaura coupling of aryl bromides with phenylboronic acid catalyzed by a palladium complex with an inexpensive nitrogen-containing bis(phosphinite) ligand. *Catalysis Communications*, **2014**, 51, 15-18 3.2 15
- 250 Hexanuclear zinc(II) carboxylate complexes from the use of pyridine-2,6-dimethanol: Synthetic, structural and photoluminescence studies. *Polyhedron*, **2013**, 52, 467-475 2.7 15
- 249 Defective dicubanes of Co(II)/Co(III) complexes with triethanolamine and N-donors. *Dalton Transactions*, **2013**, 42, 5355-66 4.3 15
- 248 pH-Specific structural speciation of the ternary V(V)-peroxido-betaine system: a chemical reactivity-structure correlation. *Inorganic Chemistry*, **2012**, 51, 6056-69 5.1 15
- 247 New copper(II) clusters and coordination polymers from the amalgamation of azide/benzoate/di-2-pyridyl ketone ligands. *Polyhedron*, **2009**, 28, 1656-1663 2.7 15
- 246 Complexes derived from the copper(II)/succinamic acid/N,N',N''-chelate tertiary reaction systems: Synthesis, structural and spectroscopic studies. *Polyhedron*, **2010**, 29, 1870-1879 2.7 15
- 245 First use of the maleamate(II) ligand in coordination chemistry: Dinuclear copper(II) complexes with N-donors and their interesting organic chemistry. *Inorganic Chemistry Communication*, **2007**, 10, 318-323 3.1 15
- 244 Reactions of Nickel (II) Sulfate Hexahydrate with Methyl(2-pyridyl)ketone Oxime: Two Mononuclear Sulfato Complexes Containing the Neutral Ligand. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2007**, 62, 1123-1132 1 15
- 243 A novel coordination mode of the 1-hydroxybenzotriazolite (btaO⁻) ligand: preparation, X-ray crystal structure and spectroscopic characterization of the trinuclear complex [Ni₃(btaO)₆(NH₃)₆]. *Transition Metal Chemistry*, **2002**, 27, 377-383 2.1 15
- 242 Investigation on uranyl interaction with bioactive ligands. Synthesis and structural studies of the uranyl complexes with glycine and N-(2-mercaptopropionyl)glycine. *Radiochimica Acta*, **2002**, 90, 549-554 1.9 15
- 241 One-Dimensional Organic-Inorganic Hybrid Materials Based on Antimony. *European Journal of Inorganic Chemistry*, **2017**, 2017, 3401-3408 2.3 14
- 240 Synthesis, crystal structure and characterization of three novel copper complexes of Levofloxacin. Study of their DNA binding properties and biological activities. *Inorganica Chimica Acta*, **2014**, 423, 207-218 2.7 14
- 239 The first member of a second generation family of ligands derived from metal-ion assisted reactivity of di-2,6-(2-pyridylcarbonyl)pyridine: Synthesis and characterization of a Mn(II)/III₄ rhombus. *Inorganic Chemistry Communication*, **2012**, 15, 73-77 3.1 14
- 238 Interaction of zinc(II) with the non-steroidal anti-inflammatory drug niflumic acid. *Journal of Inorganic Biochemistry*, **2017**, 176, 100-112 4.2 14
- 237 Using the Singly Deprotonated Triethanolamine to Prepare Dinuclear Lanthanide(III) Complexes: Synthesis, Structural Characterization and Magnetic Studies. *Magnetochemistry*, **2017**, 3, 5 3.1 14

236	Solvent-Dependent Access to Two Different Ni(II) Core Topologies from the First Use of Pyridine-2,6-dimethanol in Nickel(II) Cluster Chemistry. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1608	1.2	14
235	Synthesis, Structure, and Antiproliferative Activity of Three Gallium(III) Azole Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 2010,	4.2	14
234	Expanding the 3d-4f heterometallic chemistry of the (py) ₂ CO and pyCOpyCOpy ligands: structural, magnetic and Mössbauer spectroscopic studies of two Fe(II)-Gd(III) complexes. <i>Dalton Transactions</i> , 2011 , 40, 8199-205	4.3	14
233	Linear Mn(III) and cubane Mn(II) carboxylate clusters derived from di-2-pyridyl ketone: Synthesis, characterization and magnetic properties. <i>Polyhedron</i> , 2009 , 28, 2017-2025	2.7	14
232	Synthetic, structural and spectroscopic studies of complexes derived from the copper(II) perchlorate/fumaric acid/N,N'-chelates tertiary reaction systems. <i>Polyhedron</i> , 2010 , 29, 46-53	2.7	14
231	Convenient route leading to neutral fac-M(CO) ₃ (NNO) complexes (M = Re, ^{99m} Tc) coupled to amine pharmacophores. <i>Inorganic Chemistry</i> , 2008 , 47, 2601-7	5.1	14
230	Interaction of Fe(III) with herbicide-carboxylate ligands [Di-, tri- and tetra-nuclear compounds: Structure and magnetic behavior. <i>Polyhedron</i> , 2007 , 26, 763-772	2.7	14
229	A two-dimensional manganese(II) coordination polymer containing 1-hydroxybenzotriazolate and acetate bridging ligands: Preparation, structural characterization and magnetic study. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3638-3645	2.7	14
228	The succinamate(II) ligand in 4f-metal chemistry: First example of amide coordination in the double-chain 1D coordination polymer catena-aquatris(succinamato(II))erbium(III). <i>Inorganic Chemistry Communication</i> , 2005 , 8, 578-584	3.1	14
227	Novel lipophilic amidate oxorhenium and oxotechnetium complexes as potential brain agents: synthesis, characterization and biological evaluation. <i>Journal of Biological Inorganic Chemistry</i> , 2001 , 6, 159-65	3.7	14
226	Reaction between Yttrium Nitrate and 2,2':6',2''-Terpyridine (terpy) in MeCN: Preparation, Crystal Structures and Spectroscopic Characterization of [Y(NO ₃) ₃ (terpy)(H ₂ O)] and [Y(NO ₃) ₃ (terpy)(H ₂ O)] ₃ MeCN. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001 , 56, 122-128	1	14
225	Synthesis and characterization of six-coordinate "3 + 2" mixed-ligand oxorhenium complexes with the o-diphenylphosphinophenolato ligand and tridentate coligands of different N and S donor atom combinations. <i>Inorganic Chemistry</i> , 2000 , 39, 2178-84	5.1	14
224	Glutathione Interaction with SNS/S Mixed-Ligand Complexes of Oxorhenium(V): Kinetic Aspects and Characterization of the Products. <i>Inorganic Chemistry</i> , 2000 , 39, 4433-4441	5.1	14
223	Synthesis of new alkylaminoalkyl thiosemicarbazones of 3-acetylindole and their effect on DNA synthesis and cell proliferation. <i>European Journal of Medicinal Chemistry</i> , 1995 , 30, 107-114	6.8	14
222	Preparation, structure and preliminary magnetic studies of an octanuclear alkoxo-bridged copper(II) cluster of the acetato-bridged dicubane type. <i>Chemical Communications</i> , 1996 , 1297	5.8	14
221	Reactions of Copper(I) Halides with Tertiary Phosphines. The Unique Structure of [Cu(tribenzylphosphine)(2)][CuBr(2)]. <i>Inorganic Chemistry</i> , 1996 , 35, 4082-4083	5.1	14
220	Reaction of 3-nitro- and 3-diethylphosphonocoumarin with phenacyl bromide. X-ray molecular structure of 3-nitro-3,4-phenacylidene coumarin. <i>Journal of Heterocyclic Chemistry</i> , 1994 , 31, 1129-1133	1.9	14
219	Structural/Spectrochemical Correlations of Variable Dimensionality Crystalline Metal/Organic Framework Materials in Hydrothermal Reactivity Patterns of Binary/Ternary Systems of Pb(II) with (a)Cyclic (Poly)carboxylate and Aromatic Chelator Ligands. <i>Crystal Growth and Design</i> , 2015 , 15, 5310-5326	3.5	13

- 218 Silver ciprofloxacin (CIPAG): a successful combination of chemically modified antibiotic in inorganic-organic hybrid. *Journal of Biological Inorganic Chemistry*, **2018**, 23, 705-723 3.7 13
- 217 A step-ladder manganese(III) metallacrown hosting mefenamic acid and a manganese(II) mefenamate complex: synthesis, characterization and cytotoxic activity. *New Journal of Chemistry*, **2018**, 42, 6955-6967 3.6 13
- 216 Coordination polymeric materials in binary and ternary Cu(II) tetracarboxylato-Bipy systems: Structure-activity correlation in Cu(II)(O,N) 1DBD lattice assemblies. *Polyhedron*, **2012**, 40, 134-144 2.7 13
- 215 A unique dinuclear mixed V(V) oxo-peroxo complex in the structural speciation of the ternary V(V)-peroxo-citrate system. potential mechanistic and structural insight into the aqueous synthetic chemistry of dinuclear V(V)-citrate species with H₂O₂. *Inorganic Chemistry*, **2011**, 50, 11423-36 5.1 13
- 214 The first non-acetato members of the bis(anion)octacarboxylatotetrakis{di-2-pyridyl-methanediolate(2-)}enneametal(II) family of complexes: Synthesis, X-ray structures and magnetism of [M₉(N₃)₂(O₂CCMe₃)₈{(py)₂CO₂}₄] (M = Co, Ni). *Polyhedron*, **2011**, 30, 3026-3033 2.7 13
- 213 Investigation of the zinc(II) acetylacetonate/benzotriazole reaction system in the presence of bridging N,N'-ligands: Pentanuclear, enneanuclear and polymeric complexes. *Polyhedron*, **2009**, 28, 3425-3430 2.7 13
- 212 Synthetic, structural and spectroscopic studies of complexes derived from the copper(II) perchlorate/succinamic acid/N,N'-donor tertiary reaction systems. *Inorganica Chimica Acta*, **2010**, 363, 107-117 2.7 13
- 211 Reversible core-interconversion of an iron(III) dihydroxo bridged complex. *Inorganic Chemistry*, **2008**, 47, 11314-23 5.1 13
- 210 The benzoate/nitrate/2,2':6',2''-terpyridine blend in lanthanide(III) chemistry: Relevance to the separation of lanthanides and actinides by solvent extraction. *Inorganic Chemistry Communication*, **2007**, 10, 800-804 3.1 13
- 209 Interaction of Fe(III) with herbicide-carboxylato ligands. Di-, tri- and tetra-nuclear compounds: Structure, antimicrobial study and DNA interaction. *Inorganica Chimica Acta*, **2007**, 360, 546-556 2.7 13
- 208 Aerobic Fe(III)/Fe(II) Reduction in the Presence of 2,4,6-Tri(2-pyridyl)-1,3,5-triazine and Benzilic Acid: Synthesis and Characterization of a Heptacoordinate Fe(II) Nitrate Complex. *European Journal of Inorganic Chemistry*, **2008**, 2008, 5632-5641 2.3 13
- 207 An unusual dichromium(II,II) compound bearing di-2-pyridyl ketone oximate ligands and prepared by the ligand-assisted reduction of a trichromium(III,III,III) complex in air. *Inorganic Chemistry Communication*, **2006**, 9, 1178-1182 3.1 13
- 206 Synthesis and characterization of mixed-ligand oxorhenium complexes with the SNN type of ligand. Isolation of a novel ReO(SN)[S][S] complex. *Inorganic Chemistry*, **2000**, 39, 4211-8 5.1 13
- 205 Gallium(III) chloride-benzotriazole chemistry: variation of product as a function of metal-to-ligand reaction ratio; preparation, structure and properties of a tetrahedral adduct and the first example of a GaX₃L₂ trigonal-bipyramidal complex. *Inorganic Chemistry Communication*, **1999**, 2, 48-51 3.1 13
- 204 Tris(N,N'-dimethylurea)bis(nitrato-O,O')manganese(II), the first example of a seven-coordinate manganese(II) complex with a monodentate organic ligand. *Inorganic Chemistry Communication*, **1999**, 2, 472-475 3.1 13
- 203 Non steroidal anti-inflammatory drug (NSAIDs) in breast cancer chemotherapy; antimony(V) salicylate a DNA binder. *Inorganica Chimica Acta*, **2019**, 489, 39-47 2.7 13
- 202 A unique copper(ii)-assisted transformation of acetylaceton dioxime in acetone that leads to one-dimensional, quinoxaline-bridged coordination polymers. *Dalton Transactions*, **2016**, 46, 260-274 4.3 12
- 201 Hydrothermal synthesis and characterization of 2D M(II)-Quinate (M = Co,Zn) metal-organic lattice assemblies: solid-state solution structure correlation in M(II)-hydroxycarboxylate systems. *Inorganic Chemistry*, **2010**, 49, 11449-62 5.1 12

200	Reactions of titanocene dihalides with N,N',N''-chelates: Preparation, X-ray structure and characterization of bis(chloro){2,6-bis[(3,5-dimethyl)pyrazol-1-yl]pyridine}(μ -peroxo)titanium(IV). <i>Polyhedron</i> , 2009 , 28, 3356-3360	2.7	12
199	Synthesis, structure, lipophilicity and protonation behaviour of mixed ligand rhenium chelates functionalized by amine groups. <i>Applied Radiation and Isotopes</i> , 1998 , 49, 961-966	1.7	12
198	Synthesis, structural, spectroscopic and magnetic susceptibility studies of a soluble Cr(III)Heida (2-hydroxyethyliminodiacetic acid) complex. Relevance to aqueous chromium(III)Heida speciation. <i>Inorganica Chimica Acta</i> , 2007 , 360, 513-522	2.7	12
197	In Search of Binary Hybrid Systems in Manganese Chemistry: The Synthesis, Spectroscopic and Structural Characterization, and Magnetic Properties of a New Species in the Aqueous Mn(II)-Quinic System. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1957-1967	2.3	12
196	Preparation, Crystal Structure and Spectroscopic Characterization of [Ga(OH)(SO ₄)(terpy)(H ₂ O)] ⁺ H ₂ O (terpy=2,2',6'-Terpyridine): The First Characterized Gallium(III) Sulfato Complex. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004 , 59, 291-297	1	12
195	Synthesis and structural characterization of two cis-dioxorhenium(V) ReO ₂ [SN][P] mixed-ligand complexes. <i>Inorganica Chimica Acta</i> , 2001 , 320, 174-177	2.7	12
194	The fac diastereoisomer of tris(2-pyridinealdoximato)cobalt(III) and a cationic cobalt(III) complex containing both the neutral and anionic forms of the ligand: Synthetic, structural and spectroscopic studies. <i>Polyhedron</i> , 2014 , 79, 29-36	2.7	11
193	Zig-zag [Mn(II)] ₄ clusters from polydentate Schiff base ligands. <i>Polyhedron</i> , 2013 , 64, 181-188	2.7	11
192	Copper(II)/di-2-pyridyl ketone chemistry: A triangular cluster displaying antisymmetric exchange versus an 1D coordination polymer. <i>Polyhedron</i> , 2013 , 64, 30-37	2.7	11
191	Rhenium(I) and Technetium(I) Tricarbonyl Complexes with [NSO]-Type Chelators: Synthesis, Structural Characterization, and Radiochemistry. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3132-3139	2.3	11
190	Maleamate(II) and Maleate(II) Copper(II) ₂ ,2'-Bipyridine Complexes: Synthesis, Reactivity and Structural and Physical Studies. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4554-4563	2.3	11
189	Synthesis, characterization and crystal structure of the cis-[RhL ₂ Cl ₂]Cl complex with the bifunctional ligand (L) 2-(2'-pyridyl)quinoxaline. Biological activity towards PAF (Platelet Activating Factor) induced platelet aggregation. <i>Polyhedron</i> , 2009 , 28, 3310-3316	2.7	11
188	Synthesis, structural study and topological analysis of Zn/Aib and Aib-based small peptide complexes (H-Aib-OH= α -aminoisobutyric acid). <i>Polyhedron</i> , 2009 , 28, 3387-3399	2.7	11
187	Mössbauer spectra of two extended series of basic iron(III) carboxylates [Fe ₃ O(O ₂ CR) ₆ (H ₂ O) ₆]A (A = ClO ₄ [NO ₃]) <i>Hyperfine Interactions</i> , 2010 , 198, 229-241	0.8	11
186	Ligand-induced electronic effects in the physical properties of transition metal clusters: Modulation of Mössbauer parameters and magnetic exchange couplings in complexes by the R substituent. <i>Inorganica Chimica Acta</i> , 2007 , 360, 39-47	2.7	11
185	Synthesis and structural characterization of neutral μ -2,2'-bixorhenium and oxotechnetium complexes of the 2-mercaptoethyl-N-glycine (SNO)/2,2'-bipyridine (NN) mixed ligand system. <i>Inorganica Chimica Acta</i> , 2007 , 360, 3597-3602	2.7	11
184	A systematic investigation of the CuCl ₂ /H ₂ mal/phen reaction system (H ₂ mal=malonic acid): Solution and solid state studies of its products. <i>Polyhedron</i> , 2008 , 27, 2315-2326	2.7	11
183	Synthetic analogue approach to metalbleomycins: syntheses, structure and properties of mononuclear and tetranuclear gallium(III) complexes of a ligand that resembles the metal-binding site of bleomycin. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 2052-62	4.2	11

- 182 Perhalogenated porphyrinic derivatives with indium and thallium: the X-ray structures of (ECl4TPP)Tl(Cl), (ECl4TPP)In(Cl) and (TpFTPP)Tl(Cl). *Polyhedron*, **2004**, 23, 1777-1784 2.7 11
- 181 Synthesis and characterization of novel oxotechnetium (99Tc and 99mTc) and oxorhenium complexes from the 2,2'-bipyridine (NN)/thiol (S) mixed-ligand system. *Inorganic Chemistry*, **2003**, 42, 5778-84 5.1 11
- 180 Preparation, structure and physical properties of some new organic conductors of β phase. *Synthetic Metals*, **2001**, 120, 743-744 3.6 11
- 179 Synthesis, characterization, and structural investigation of New β -Cyclopentadienylbis-8-hydroxyquinolinatometal(IV) Complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **1995**, 621, 1761-1766 1.3 11
- 178 Photocatalytic hydrogen production with alkylated nickel bis-dithiolene complexes. *Polyhedron*, **2018**, 152, 138-146 2.7 11
- 177 Probing the electronic structure of a copper(ii) complex by CW- and pulse-EPR spectroscopy. *Dalton Transactions*, **2017**, 46, 8458-8475 4.3 10
- 176 Synthesis, structure elucidation and biological evaluation of triple bridged dinuclear copper(II) complexes as anticancer and antioxidant/anti-inflammatory agents. *Materials Science and Engineering C*, **2017**, 76, 1026-1040 8.3 10
- 175 Sol-gel encapsulation of binary Zn(II) compounds in silica nanoparticles. Structure-activity correlations in hybrid materials targeting Zn(II) antibacterial use. *Journal of Inorganic Biochemistry*, **2015**, 151, 150-63 4.2 10
- 174 The β periodic table of benzotriazoles: Uranium(VI) complexes. *Inorganic Chemistry Communication*, **2015**, 59, 57-60 3.1 10
- 173 Dinuclear, tetrakis(acetato)-bridged lanthanide(III) complexes from the use of 2-acetylpyridine hydrazone. *Inorganic Chemistry Communication*, **2015**, 51, 99-102 3.1 10
- 172 Structural Diversities in Heterometallic Mn-Ca Cluster Chemistry from the Use of Salicylhydroxamic Acid: {MnCa}, {MnCa}, {MnCa}, and {MnCa} Complexes with Relevance to Both High- and Low-Valent States of the Oxygen-Evolving Complex. *Inorganic Chemistry*, **2017**, 56, 10760-10774 5.1 10
- 171 Iron(III) chloride-Benzotriazole adducts with trigonal bipyramidal geometry: Spectroscopic, structural and catalytic studies. *Polyhedron*, **2013**, 64, 189-202 2.7 10
- 170 Synthetic, structural and solution speciation studies on binary Al(III)-(carboxy)phosphonate systems. Relevance to the neurotoxic potential of Al(III). *Journal of Inorganic Biochemistry*, **2009**, 103, 1530-41 4.2 10
- 169 Synthesis, crystal structures and spectroscopic studies of praseodymium(III) malonate complexes. *Polyhedron*, **2010**, 29, 3118-3124 2.7 10
- 168 Copper(II) bromide/1-methylbenzotriazole chemistry. *Polyhedron*, **1999**, 18, 3067-3075 2.7 10
- 167 Regio- and stereo-selective 1,3-dipolar cycloaddition reactions of ethyl diazoacetate to 3-substituted 2H-1-benzopyran-2-ones. *Tetrahedron*, **1994**, 50, 13023-13036 2.4 10
- 166 Slow magnetic relaxation and luminescence properties in lanthanide(III)/anil complexes. *Dalton Transactions*, **2018**, 47, 11859-11872 4.3 10
- 165 Dicarbonyl cis-[M(CO)(N,O)(C)(P)] (M = Re, Tc) Complexes with a New [2 + 1 + 1] Donor Atom Combination. *Inorganic Chemistry*, **2018**, 57, 8354-8363 5.1 10

164	Rare nuclearities in Ni(II) cluster chemistry: a Ni ₁₁ cage from the first use of N-salicylidene-2-amino-5-chlorobenzoic acid in metal cluster chemistry. <i>RSC Advances</i> , 2014 , 4, 12680-12684	3.7	9
163	Unexpected metal ion-assisted transformations leading to unexplored bridging ligands in Ni(II) coordination chemistry: the case of PO ₃ F ⁽²⁻⁾ group. <i>Dalton Transactions</i> , 2014 , 43, 14520-4	4.3	9
162	Synthesis, structural characterization and radiochemistry of μ^2 fac-[^{99m} Tc/Re(CO) ₃ (L)(2-mercaptopyridine)] complexes, where L is phosphine or isocyanide. <i>Polyhedron</i> , 2014 , 81, 511-516	2.7	9
161	Simultaneous coordination of a ketone by two cadmium(II) ions and conversion to its gem-diolate form. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1057-1060	3.1	9
160	2-Pyridyl ketone oximes in iron(III) carboxylate chemistry: Synthesis, structural and physical studies of tetranuclear clusters containing the [Fe ₄ (β -O) ₂] ⁸⁺ Butterfly core. <i>Polyhedron</i> , 2009 , 28, 3221-3226	2.7	9
159	Copper(II)-mediated oxime nitrile coupling in non-aqueous solutions: Synthetic, structural and magnetic studies of the copper(II) salicylaldehyde oxime reaction system. <i>Inorganica Chimica Acta</i> , 2011 , 370, 50-58	2.7	9
158	In depth investigation of the synthesis, structural, and spectroscopic characterization of a high pH binary Co(II) μ , N-bis(phosphonomethyl)glycine species. Association with aqueous speciation studies of binary Co(II) (carboxy)phosphonate systems. <i>Polyhedron</i> , 2011 , 30, 427-437	2.7	9
157	Das [Cu ₂ (MeCO ₂) ₄ (H ₂ O) ₂]/(py) ₂ CO-System als Quelle für einen ungewöhnlichen siebenkernigen Komplex und einen neuartigen zwöfkernigen Schwungrad-Cluster. <i>Angewandte Chemie</i> , 1997 , 109, 1165-1167	3.6	9
156	Structural, electron paramagnetic resonance and electron spin echo envelope modulation studies of oxovanadium(IV) imidate compounds containing monoanionic axial ligands: effect on the 51V-hyperfine coupling constants. <i>Chemical Communications</i> , 2000 , 601-602	5.8	9
155	Characterization and preliminary evaluation of ester-modified technetium-99m SNS/S mixed ligand complexes as potential brain perfusion agents. <i>Nuclear Medicine and Biology</i> , 1999 , 26, 297-304	2.1	9
154	Synthesis, characterisation and crystal structure of molybdenum and molybdenum-copper hydroxy-rich Schiff-base complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 2591-2598		9
153	A water-soluble silver(I) formulation as an effective disinfectant of contact lenses cases. <i>Materials Science and Engineering C</i> , 2018 , 93, 902-910	8.3	9
152	Platinum complexes with a methoxy-amino phosphine or a nitrogen-containing bis(phosphine) ligand. Synthesis, characterization and application to hydrogenation of trans-cinnamaldehyde. <i>Journal of Organometallic Chemistry</i> , 2017 , 828, 133-141	2.3	8
151	Multifunctionality in Two Families of Dinuclear Lanthanide(III) Complexes with a Tridentate Schiff-Base Ligand. <i>Inorganic Chemistry</i> , 2019 , 58, 9581-9585	5.1	8
150	From Molecular Magnets to Magnetic Nanomaterials [Deposition of Co ₇ Single-Molecule Magnet; Theoretical Investigation of the Exchange Interactions. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2678-2686	2.3	8
149	Doubly Thiocyanato(S,N)-Bridged Dinuclear Complexes of Mercury(II) from the Use of 2-pyridyl Oximes as Capping Ligands. <i>Current Inorganic Chemistry</i> , 2015 , 5, 26-37		8
148	Synthesis, Characterization, Magnetic and Catalytic Properties of a Ladder-Shaped Mn(II) Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3638-3644	2.3	8
147	A new bifunctional tridentate NSN ligand leading to cationic tricarbonyl fac-[M(NSN)(CO) ₃] ⁺ (M=Re, ^{99m} Tc) complexes. <i>Inorganica Chimica Acta</i> , 2013 , 400, 2-6	2.7	8

- 146 A diferric complex from metal-assisted methanolysis of di-2,6-(2-pyridylcarbonyl)-pyridine: Structural, magnetic and spectroscopic (Mössbauer, EPR) studies. *Polyhedron*, **2009**, 28, 3251-3256 2.7 8
- 145 Reactions of the metallocene dichlorides $[M(Cp)_2Cl_2]$ ($M=Zr, Hf$) and $[Ti(MeCp)_2Cl_2]$ with the pyridine-2,6-dicarboxylate(2-) ligand: Synthesis, spectroscopic characterization and X-ray structures of the products. *Polyhedron*, **2011**, 30, 451-457 2.7 8
- 144 Network diversity and supramolecular isomerism in copper(II)/1,2-bis(4-pyridyl)ethane coordination polymers. *Polyhedron*, **2011**, 30, 963-970 2.7 8
- 143 Novel vanadium(III/IV) compounds with the diamidate ligand 1,2-bis(2-pyridinecarboxamide)benzene (H₂bpb). *Chemical Communications*, **1997**, 269-270 5.8 8
- 142 A remarkable tendency of o-lithio-N-(2-lithiooxyethyl)-N-methyl-aniline to form heterocyclic derivatives by its reaction with dichlorodialkylsilanes or silicon tetrachloride. Synthesis of 2,5,1-benzoxazasilapines and of the silaspiro analogue. *Tetrahedron Letters*, **1997**, 38, 8761-8764 2 8
- 141 Synthesis and structural characterization of the [2,9-dimethyl-4,7-diaza-2,9-decanedithiolato]oxorhenium(V) complex. *Inorganica Chimica Acta*, **1998**, 268, 169-175 2.7 8
- 140 An Unusual Hydrogen-Bonded Network Associated with Metal-Organic Chains: Structure and Crystal Packing of the Coordination Polymer $[Cd(\text{terephthalate})(H_2O)_3] \cdot 4H_2O$. *Acta Crystallographica Section B: Structural Science*, **1998**, 54, 657-662 8
- 139 Further investigations on the $Fe(ClO_4)_3/RCO_2^-/phen$ reaction system: Syntheses, structural and physical characterization of complexes $[Fe_2O(O_2CCl_3)_2(phen)_2(H_2O)_2](ClO_4)_2$ and $[Fe_2O(O_2CCMe_3)_2(phen)_2(H_2O)_2](ClO_4)_2$. *Polyhedron*, **2006**, 25, 1391-1398 2.7 8
- 138 Synthesis and Characterization of Oxorhenium and Oxotechnetium Complexes with a Novel Tetradentate N₃O Bifunctional Agent. *European Journal of Inorganic Chemistry*, **2003**, 2003, 3826-3830 2.3 8
- 137 Ester-modified $^{99m}TcO[SN(R)S/S]$ mixed ligand complexes: synthesis and preliminary evaluation. *Nuclear Medicine and Biology*, **2001**, 28, 975-82 2.1 8
- 136 New $[Ti(\eta^5-C_5H_5)Cl_2(OR)]$ complexes. Crystal and molecular structure of η^5 -Cyclopentadienyl(cyclohexoxy)titanium(IV) dichloride. *Monatshefte Für Chemie*, **1996**, 127, 1137-1143 1.4 8
- 135 Design and synthesis of novel 7-aminosubstituted pyrido[2,3-b]pyrazines exhibiting anti-breast cancer activity. *European Journal of Medicinal Chemistry*, **2017**, 126, 954-968 6.8 7
- 134 Synthesis, structural characterization, and fluorescence of a series of 1D rare earth coordination polymers with a substituted iminodiacetate ligand. *Inorganica Chimica Acta*, **2018**, 472, 276-282 2.7 7
- 133 Coordination of $iPr_2P(O)NHP(O)iPr_2$ to Co(II): Simultaneous formation of octahedral and tetrahedral complexes. *Inorganic Chemistry Communication*, **2013**, 30, 34-38 3.1 7
- 132 Mononuclear and Dinuclear Manganese(II) Complexes from the Use of Methyl(2-pyridyl)ketone Oxime. *Bioinorganic Chemistry and Applications*, **2010**, 960571 4.2 7
- 131 Initial use of 1,1'-oxalyldiimidazole for inorganic synthesis: Decomposition of the ligand as a means to the preparation of an imidazole- and oxalate(-2)-containing, 1D copper(II) complex. *Inorganic Chemistry Communication*, **2009**, 12, 402-405 3.1 7
- 130 Some New Nickel 1,2-Dichalcogenolene Complexes as Single-component Semiconductors. *Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences*, **2007**, 62, 679-684 1 7
- 129 Synthesis and characterization of novel "3 + 2" oxorhenium complexes, $ReO[SN(O)][NN]$. *Inorganic Chemistry*, **2006**, 45, 5635-40 5.1 7

- 128 Modeling the coordination mode of hydroxamate inhibitors in urease: preparation, X-ray crystal structure and spectroscopic characterization of the dinuclear complex [Ni₂(O₂CMe)(LH)₂(tmen)₂](O₂CMe) · 0.9H₂O · 0.6EtOH (LH₂ = benzohydroxamic acid; tmen = N, N, N', N'-tetramethylethylenediamine). *Transition Metal Chemistry*, **2002**, 27, 864-873 2.1 7
- 127 New oxorhenium(V) complexes from the widely used diaminedithiol (DADT) ligand system. *Inorganic Chemistry*, **2002**, 41, 4653-63 5.1 7
- 126 A preformed chelate approach model for coupling amine-modified rhenium and technetium β +1 mixed ligand complexes to carboxylate residues. *Polyhedron*, **1999**, 18, 3545-3552 2.7 7
- 125 Organic conductors of β phase. *Synthetic Metals*, **1999**, 103, 1921-1922 3.6 7
- 124 Synthesis of 1-methoxy-1H-phenanthro[9,10-c][1,2]oxazine and its transformation to triphenylene-o-dicarboxylic derivatives. *Tetrahedron Letters*, **1996**, 37, 1097-1100 2 7
- 123 pH-Specific Crystalline Binary and Ternary Metal/Organic Framework Materials of Pb(II) with (Di)Tricarboxylate Ligands and N,N'-Aromatic Chelators. Structure, Architecture-Lattice Dimensionality, and Electronic Spectroscopic Property Correlations. *Crystal Growth and Design*, **2015**, 15, 1111-1122 3.5 6
- 122 Bis(aqua)bis(β -cyclopentadienyl)vanadium(IV) bis(trifluoromethanesulfonate) tetrahydrofuran solvate: Synthesis and characterization. *Inorganica Chimica Acta*, **2013**, 394, 747-751 2.7 6
- 121 Polymerization of a preformed Mn₆ cluster to a one-dimensional chain. *Polyhedron*, **2013**, 52, 917-923 2.7 6
- 120 A Kumada Coupling Catalyst, [Ni{(Ph₂P)₂N(CH₂)₃Si(OCH₃)₃-P,P'}Cl₂], Bearing a Ligand for Direct Immobilization Onto Siliceous Mesoporous Molecular Sieves. *European Journal of Inorganic Chemistry*, **2015**, 2015, 3038-3044 2.3 6
- 119 Rhenium(I) and technetium-99m(I) fac-tricarbonyl complexes with 4-(imidazolin-2-yl)-3-thiabutanoic acid derivatives as tridentate ligands: Synthesis and structural characterization. *Polyhedron*, **2009**, 28, 3171-3176 2.7 6
- 118 Structural effects of the chelating rings in trans-[Ni{Ph₂P(Se)NPPh₂-Se,P'}₂] and trans-[Ni{Ph₂P(Se)NPPh₂-Se,P'}{Ph₂P(Se)N(H)PPh₂-Se,P'}]Cl[CH₂Cl₂·H₂O] complexes. *Polyhedron*, **2009**, 28, 3305-3309 2.7 6
- 117 One-dimensional cadmium(II)/bicinate(II) complexes : The role of the alkali metal ion used in the reaction medium. *Polyhedron*, **2011**, 30, 397-404 2.7 6
- 116 Reaction of titanocene dihalides with Na₂H₂ EDTA. Crystal structure of [Ti(EDTA)(H₂O)]. *Monatshefte Für Chemie*, **1997**, 128, 1201-1206 1.4 6
- 115 Synthesis and characterization of binuclear β oxorhenium mixed ligand complexes containing tridentate (SNSEt) and monodentate (SR) ligands. *Inorganica Chimica Acta*, **2003**, 342, 272-278 2.7 6
- 114 Synthesis of oxorhenium(V) and oxotechnetium(V) [SN(R)S/S] mixed ligand complexes containing a phenothiazine moiety on the tridentate SN(R)S ligand. *Bioorganic and Medicinal Chemistry Letters*, **2001**, 11, 1859-62 2.9 6
- 113 Synthesis, characterization and biological evaluation of a novel "3 + 1" mixed ligand 99mTc complex having an aliphatic thiol as coligand. *Applied Radiation and Isotopes*, **2001**, 54, 429-34 1.7 6
- 112 Crystal and Molecular Structure of Bis(β -methylcyclopentadienyl)titana(IV)-cyclohexasulfane Ti(β -C₅H₄CH₃)₂S₅. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **1995**, 621, 113-116 1.3 6
- 111 Preparation and characterization of trans- [Ni(ONO₂)₂(LH₂)₂]: The first structural determination of a complex containing the new ligand N,N'-bis(2-pyridyl)urea (LH₂). *Polyhedron*, **1996**, 15, 1031-1034 2.7 6

110	Iron(III) complexes with 2-pyridyl oxime ligands: Synthesis, structural and spectroscopic characterization, and magnetic studies. <i>ChemistrySelect</i> , 2016 , 1, 147-156	1.8	6
109	Mononuclear copper(II) complexes with 2-thiophene carboxylate and N-N donors; DNA interaction, antioxidant/anti-inflammatory and antitumor activity. <i>Materials Science and Engineering C</i> , 2019 , 94, 493-508	8.2	6
108	Novel silver glycinate conjugate with 3D polymeric intermolecular self-assembly architecture; an antiproliferative agent which induces apoptosis on human breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021 , 216, 111351	4.2	6
107	Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. <i>Magnetochemistry</i> , 2018 , 4, 45	3.1	6
106	Magnetostructural correlations in S = 1 trans-[Ni{(OPPh ₂)(EPPH ₂)N ₂ (dmsO) ₂], E = S, Se, and related complexes. <i>Polyhedron</i> , 2018 , 151, 177-184	2.7	6
105	Tetranuclear oxido-bridged thorium(IV) clusters obtained using tridentate Schiff bases. <i>Dalton Transactions</i> , 2019 , 48, 15668-15678	4.3	5
104	Extending the family of heptanuclear heterometallic Cu ₅ Ln ₂ (Ln = Gd, Tb, Dy) complexes: Synthesis, crystal structures, magnetic and magnetocaloric studies. <i>Polyhedron</i> , 2019 , 169, 135-143	2.7	5
103	Field-induced slow relaxation of magnetization in the S = 3/2 octahedral complexes trans-[Co{(OPPh ₂)(EPPH ₂)N ₂ (dmf) ₂], E = S, Se: effects of CoBe vs. CoB coordination. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1405-1414	6.8	5
102	Unusual P Hyperfine Strain Effects in a Conformationally Flexible Cu(II) Complex Revealed by Two-Dimensional Pulse EPR Spectroscopy. <i>Inorganic Chemistry</i> , 2020 , 59, 3666-3676	5.1	5
101	The novel [Ni{(Ph ₂ P) ₂ N(CH ₂) ₃ Si(OCH ₃) ₃ -P,P'} ₂] complex: Structural features and catalytic reactivity in the oligomerization of ethylene. <i>Open Chemistry</i> , 2016 , 14, 351-356	1.6	5
100	Heptanuclear heterometallic Cu ₅ Ln ₂ (Ln = Gd, Tb) complexes: Synthesis, crystal structures, and magnetic properties studies. <i>Polyhedron</i> , 2018 , 150, 47-53	2.7	5
99	Coordination and metal ion-mediated transformation of a polydentate ligand containing oxime, hydrazone and picolinoyl functionalities. <i>Inorganic Chemistry Communication</i> , 2018 , 94, 48-52	3.1	5
98	Heptanuclear antiferromagnetic Fe(III)-D(-)-quinato assemblies with an S = 3/2 ground state-pH-specific synthetic chemistry, spectroscopic, structural, and magnetic susceptibility studies. <i>Inorganic Chemistry</i> , 2013 , 52, 13849-60	5.1	5
97	Employment of pyridyl oximes and dioximes in zinc(II) chemistry: Synthesis, structural and spectroscopic characterization, and biological evaluation. <i>Inorganica Chimica Acta</i> , 2013 , 396, 49-59	2.7	5
96	pH-Specific synthesis, spectroscopic, structural and magnetic, and aqueous solution studies in the binary Cr(III)-quinato system. <i>Polyhedron</i> , 2013 , 52, 598-609	2.7	5
95	Benzimidazole derivatives as NSO ligands for the fac-[M(CO) ₃] ⁺ (M=Re, ^{99m} Tc). <i>Inorganica Chimica Acta</i> , 2011 , 377, 62-68	2.7	5
94	Preparation, characterization and biological relevance of calcium(II)/diethylmalonate(-1,-2) complexes. <i>Inorganica Chimica Acta</i> , 2011 , 373, 262-265	2.7	5
93	Hydrogen-Bonded Networks Based on Cobalt(II), Nickel(II), and Zinc(II) Complexes of N,N'-Diethylurea. <i>Bioinorganic Chemistry and Applications</i> , 2010 ,	4.2	5

92	A synthetic approach of new trans-substituted hydroxylporphyrins. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 307696	4.2	5
91	In Search for Titanocene Complexes with Improved Cytotoxic Activity: Synthesis, X-Ray Structure, and Spectroscopic Study of Bis(eta-cyclopentadienyl)difluorotitanium(IV). <i>Bioinorganic Chemistry and Applications</i> , 2010 ,	4.2	5
90	Synthesis, characterization and crystal structure of a novel mononuclear peroxotungsten(VI) complex with an acetone peroxide ligand. <i>Polyhedron</i> , 2009 , 28, 3400-3406	2.7	5
89	Synthetic, structural and spectroscopic studies of copper(II) complexes derived from the combination of the succinamate(II) ligand with aromatic N,N'-chelates. <i>Polyhedron</i> , 2010 , 29, 833-840	2.7	5
88	Preparation and characterization of Ni(dpdt)(pddt) and Ni(dpdt)(pddt)CS ₂ , where dpdt is diphenylethylenedithiolate and pddt is 6,7-dihydro-5H-1,4-dithiepin-2,3-dithiolate. <i>Polyhedron</i> , 2010 , 29, 969-974	2.7	5
87	Synthesis, crystal structures and spectroscopic studies of calcium(II) succinamate(-1) complexes. <i>Polyhedron</i> , 2010 , 29, 2213-2219	2.7	5
86	Modelling the use of lanthanides(III) as probes at calcium(II) binding sites in biological systems: Preparation and characterization of neodymium(III) and calcium(II) malonamato(-1) complexes. <i>Polyhedron</i> , 2010 , 29, 2465-2472	2.7	5
85	New donor molecules and their β phase conducting salts. <i>Synthetic Metals</i> , 2003 , 135-136, 651-652	3.6	5
84	Excitonic Bands in the Optical Absorption Spectra of (Bu ₄ N)CuBr ₂ , (Et ₄ N) ₂ Cu ₂ Br ₄ , (Pr ₄ N) ₂ Cu ₄ Br ₆ , (Bu ₄ N) ₂ Cu ₂ I ₄ , (Me ₄ N)Cu ₂ I ₃ , (Pr ₄ N) ₄ Ag ₄ I ₈ , (Me ₄ N)Ag ₂ I ₃ , (Et ₄ N)Ag ₂ Br ₃ , and Similar Compounds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 109-112	1	5
83	Synthesis, characterization and biodistribution in mice of oxotechnetium(V) (SNS/S) mixed ligand complexes with N,N-bis(2-mercaptoethyl)(2-piperidin-1-ylethyl)amine as tridentate ligand 1999 , 42, 255-267		5
82	Some Natural Three-and Lower-Dimensional Semiconductor Systems with Metal-Halide Units. <i>Materials Research Society Symposia Proceedings</i> , 1994 , 358, 283		5
81	A Ni ^{II} Coordination Cluster from the Use of the Di-2-Pyridyl Ketone/Acetate Ligand Combination: Synthetic, Structural and Magnetic Studies. <i>Magnetochemistry</i> , 2016 , 2, 30	3.1	5
80	An Efficient Disinfectant, Composite Material {SLS@[Zn(CitH)]} as Ingredient for Development of Sterilized and Non Infectious Contact Lens. <i>Antibiotics</i> , 2019 , 8,	4.9	5
79	Hybrid halobismuthates as prospective light-harvesting materials: Synthesis, crystal, optical properties and electronic structure. <i>Polyhedron</i> , 2020 , 175, 114180	2.7	5
78	The N-(2-carboxyphenyl)salicylideneimine ligand in 4f-metal chemistry: A unique neodymium(III) chain containing the singly deprotonated, zwitterionic form of the ligand. <i>Inorganic Chemistry Communication</i> , 2015 , 51, 118-121	3.1	4
77	Synthesis, characterization, DNA binding and cytotoxicity studies of two novel Cu(II)-2-(2'-pyridyl) quinoxaline complexes. <i>Journal of Inorganic Biochemistry</i> , 2020 , 208, 111077	4.2	4
76	Dioxidouranium(IV) complexes with Schiff bases possessing an ONO donor set: Synthetic, structural and spectroscopic studies. <i>Polyhedron</i> , 2018 , 152, 172-178	2.7	4
75	3D supramolecular networks based on hydroxyl-rich Schiff-base copper(II) complexes. <i>Polyhedron</i> , 2018 , 152, 125-137	2.7	4

74	Transition metal complexes of new glyoxylato-arylhydrazones and their role in l-ascorbic acid oxidation inhibition. <i>Polyhedron</i> , 2012 , 34, 181-187	2.7	4
73	A Bombesin Copper Complex Based on a Bifunctional Cyclam Derivative. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2877-2888	2.3	4
72	Aromatic chelator-specific lattice architecture and dimensionality in binary and ternary Cu(II)-organophosphonate materials. <i>Inorganic Chemistry</i> , 2013 , 52, 4963-76	5.1	4
71	Use of the 2-Pyridinealdoxime/N,N'-Donor Ligand Combination in Cobalt(III) Chemistry: Synthesis and Characterization of Two Cationic Mononuclear Cobalt(III) Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 2010,	4.2	4
70	Synthesis, Crystal Structures, and DNA Binding Properties of Zinc(II) Complexes with 3-Pyridine Aldoxime. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 803424	4.2	4
69	Coll Chemistry of 2,6-Bis(2-pyridylcarbonyl)pyridine: An Icosanuclear Co Cluster Exhibiting Superparamagnetic Relaxation. <i>Angewandte Chemie</i> , 2006 , 118, 446-449	3.6	4
68	Novel oxorhenium and oxotechnetium MO(NS)(S) ₂ complexes in the development of 5-HT _{1A} receptor imaging agents. <i>Journal of Inorganic Biochemistry</i> , 2003 , 93, 213-20	4.2	4
67	Hydrogen-Bonded Networks Featuring Yttrium(III) Complexes of N,N-Dimethylurea (DMU): Preparation and Characterization of [Y(DMU) ₆][YCl ₆] and [Y(NO ₃) ₃ (DMU) ₃]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005 , 60, 363-372	1	4
66	Structure of ansa-dimethylsilyl-bis(η ⁵ -cyclopentadienyl)titana(IV) cyclohexasulfane, Ti[Me ₂ Si(η ⁵ -C ₅ H ₄) ₂] ₂ S ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1995 , 621, 1257-1260	1.3	4
65	Unexpected Pyrazolo[4,3-d][2,3]benzodiazepine Synthesis from 1-(N,N-Diaroyl)amino-4-phenyl-[1,2,3]triazol-5-yl-methyltriphenylphosphonium bromide via Tandem Phosphorylide Formation and Subsequent Dimroth-like Rearrangement of the Triazole Ring. <i>Tetrahedron Letters</i> , 1995 , 36, 5637-5640	2	4
64	Coordination complexes of l-azetidine-2-carboxylic acid with platinum(II) and palladium(II). <i>Transition Metal Chemistry</i> , 1996 , 21, 244-249	2.1	4
63	Catalytic reactivity of the complexes [Pd{(Ph ₂ P) ₂ N(tBu)-P,P'}X ₂], X = Cl, Br, I, in the Suzuki-Miyaura C-C coupling reaction: Probing effects of the halogeno ligand X and the ligand's tBu group. <i>Journal of Organometallic Chemistry</i> , 2019 , 879, 40-46	2.3	4
62	Synthesis and electron paramagnetic resonance studies of seven coordinated Mn(II) complexes with tridentate N-donor ligands. <i>Polyhedron</i> , 2018 , 155, 291-301	2.7	4
61	Synthesis and characterization of new organic-inorganic hybrid compounds based on Sb, with a perovskite like structure. <i>Polyhedron</i> , 2018 , 151, 299-305	2.7	4
60	A 2D (4,4) network based on tetranuclear manganese(II)-terephthalato building units: Synthesis, crystal structure and magnetic studies. <i>Polyhedron</i> , 2015 , 85, 783-788	2.7	3
59	Trinuclear Ni-Ln-Ni Complexes with Schiff Base Ligands: Synthesis, Structure, and Magnetic Properties. <i>Molecules</i> , 2020 , 25,	4.8	3
58	Synthetic investigation of binary-ternary Cr(III)-hydroxycarboxylic acid-aromatic chelator systems. Structure-specific influence on adipogenic biomarkers linked to insulin mimesis. <i>Journal of Inorganic Biochemistry</i> , 2018 , 184, 50-68	4.2	3
57	Neutral fac -[Re(NNN)(CO) ₃] complexes with NNN tridentate ligands containing pyrrole or indole. <i>Inorganic Chemistry Communication</i> , 2016 , 63, 1-4	3.1	3

56	Synthetic strategies to {CoIII2LnIII} complexes based on 2-pyridyl oximes (Ln = lanthanide). <i>Inorganic Chemistry Communication</i> , 2019 , 108, 107478	3.1	3
55	Diversity of Coordination Modes in a Flexible Ditopic Ligand Containing 2-Pyridyl, Carbonyl and Hydrazone Functionalities: Mononuclear and Dinuclear Cobalt(III) Complexes, and Tetranuclear Copper(II) and Nickel(II) Clusters. <i>Magnetochemistry</i> , 2019 , 5, 39	3.1	3
54	Site preferences in hetero-metallic [FeNi] clusters: a combined crystallographic, spectroscopic and theoretical analysis. <i>Dalton Transactions</i> , 2017 , 46, 12835-12844	4.3	3
53	Immobilization of [Pd{(Ph2P)2N(CH2)3Si(OCH3)3-P,P'}X2] (X=Cl, Br) onto Montmorillonite: Investigating their Performance as Homogeneous or Heterogenized Suzuki-Miyaura Catalysts. <i>ChemistrySelect</i> , 2017 , 2, 12051-12059	1.8	3
52	Synthesis, X-Ray Structure, and Characterization of Catena-bis(benzoate)bis{N,N-bis(2-hydroxyethyl)glycinate}cadmium(II). <i>Bioinorganic Chemistry and Applications</i> , 2010 , 281932	4.2	3
51	Medium effect on the geometric isomerism of a centrosymmetrically disubstituted naphthalene derivative with flexible methoxytriethylene glycol chains. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8181-90	3.4	3
50	Synthesis and structural characterization of novel neutral fac-M(CO)3(NSO) complexes (M = Re, 99mTc) with N-acetylcysteine derivatives as tridentate NSO ligands. <i>Polyhedron</i> , 2009 , 28, 3317-3321	2.7	3
49	Group 4 ansa-Metallacyclohexaselenanes: Synthesis, characterization, and properties. Crystal structure of {Ti[Me2Si(=C5H4)2]Se5}. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1997 , 623, 384-388	1.3	3
48	Synthesis and structural characterization of a novel Re[P][NN][S][SO] mixed ligand rhenium(III) complex. <i>Inorganica Chimica Acta</i> , 2003 , 346, 270-274	2.7	3
47	Five-coordinate rhenium(III)-thiolato complexes: the structure of [Re(SCH2PhOCH3)3(PPh3)2]. <i>Inorganica Chimica Acta</i> , 1999 , 290, 247-250	2.7	3
46	Sulfur-Selenium Chelates: Crystal structure of the first titanocene derivative Ti(=C5H5)2SSe4. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1995 , 621, 1800-1802	1.3	3
45	Synthesis and X-ray structure determination of N,N'-bis-l-(1-carboxy-2-mercaptoethyl)ethylenediamine, oxotechnetium (V), [TcO(EC)]. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1994 , 34, 817-829	1.9	3
44	Slow Magnetization Relaxation in a 1-D Double-Chain Coordination Polymer Composed of {DyIII 4} Repeating Units. <i>Current Inorganic Chemistry</i> , 2013 , 3, 161-171		3
43	Bis(di-2-pyridyl ketoximate- O , N , N ?)bis(di-2-pyridyl ketoxime- N , N ?)dicopper(II) diperchlorate: A plausible, weakly ferromagnetically-coupled intermediate in the formation of the neutral, strongly antiferromagnetically-coupled neutral dimer bearing only deprotonated ligands. <i>Inorganic Chemistry Communications</i> , 2011 , 14, 27-30	3.1	3
42	Structural features and catalytic reactivity of [Pd{(Ph2P)2N(CH2)3Si(OCH3)3-P,P'}12] and related complexes in hydroalkoxycarbonylation and Suzuki-Miyaura C-C cross-coupling reactions. <i>Polyhedron</i> , 2018 , 151, 292-298	2.7	3
41	Crystal structure of fac-tricarbon-yl(cyclo-hexyl isocyanide-κ)(quinoline-2-carboxylato-κ2)N,O)rhenium(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 358-62	0.7	2
40	Zn(II)/pyridyloxime complexes as potential reactivators of OP-inhibited acetylcholinesterase: in vitro and docking simulation studies. <i>Journal of Inorganic Biochemistry</i> , 2014 , 134, 12-9	4.2	2
39	Carbonato- and methanediolato(-2)-bridged nickel(II) coordination clusters from the use of N-salicylidene-4-methyl-o-aminophenol. <i>Inorganic Chemistry Communication</i> , 2017 , 83, 113-117	3.1	2

- 38 Functionalization of Chromones through an Aza-Baylis-Hillman-Type Reaction. *Synthesis*, **2012**, 44, 3392-3398 2
- 37 New Zirconocene Pseudohalogeno Complexes. Crystal structure of Etxo-bis[bis(cyclopentadienyl)isocyanatozirconium(IV)], $[\{Zr(\eta^5-C_5H_5)_2(NCO)\}_2O]$. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **1997**, 623, 1027-1031 1.3 2
- 36 A 2-D Framework Built from the Tetranuclear $Ag_4(2,2\text{-dimethylglutarate})_2$ Oligomeric Unit. *Journal of Solid State Chemistry*, **1997**, 134, 332-337 3.3 2
- 35 Magnetic critical behavior in the $[Cu(1\text{-hydroxybenzotriazolato})_2(\text{MeOH})]_n$ molecule-based random-field magnet. *Physical Review B*, **2003**, 68, 3.3 2
- 34 Synthesis, characterization and crystal structure of bis(5?-methyl-2,2?-bipyridine-6-carboxylato) ruthenium(II). *Inorganic Chemistry Communication*, **2005**, 8, 162-165 3.1 2
- 33 High Nuclearity $Zn_{11}/\text{MeCO}_2\text{Zn}(\text{C}_5\text{NH}_4)_2\text{CO}_2$ Clusters by Depolymerization-Conversion of a Three-Dimensional Coordination Polymer Containing Hexameric Units into Its Constituent Hexanuclear Complex. *Angewandte Chemie*, **2001**, 113, 3311-3314 3.6 2
- 32 Synthesis and Crystal Structure of Tricarbonyl(η^6 -flavanone)chromium(0). *Monatshefte Fur Chemie*, **1999**, 130, 305-311 1.4 2
- 31 Nickel(II) Coordination Clusters Based on N-salicylidene-4-chloro-oaminophenol: Synthetic and Structural Studies. *Current Inorganic Chemistry*, **2018**, 7, 48-65 2
- 30 The Use of Hirshfeld Surface Analysis Tools to Study the Intermolecular Interactions in Single Molecule Magnets. *Crystals*, **2021**, 11, 1246 2.3 2
- 29 Reactivity of Coordinated 2-Pyridyl Oximes: Synthesis, Structure, Spectroscopic Characterization and Theoretical Studies of Dichlorodi{(2-Pyridyl)Furoxan}Zinc(II) Obtained from the Reaction between Zinc(II) Nitrate and Pyridine-2-Chloroxime. *Inorganics*, **2020**, 8, 47 2.9 2
- 28 Synthesis and encapsulation of V(IV,V) compounds in silica nanoparticles targeting development of antioxidant and antiradical nanomaterials. *Journal of Inorganic Biochemistry*, **2019**, 194, 180-199 4.2 2
- 27 Further synthetic investigation of the general lanthanoid(iii) $[\text{Ln}(\text{iii})]/\text{copper}(\text{ii})/\text{pyridine-2,6-dimethanol}/\text{carboxylate}$ reaction system: $\{\text{CuLn}\}$ coordination clusters (Ln = Dy, Tb, Ho) and their yttrium(iii) analogue. *Dalton Transactions*, **2021**, 50, 240-251 4.3 2
- 26 Employment of a naphthalene-based tetraol ligand in Mn chemistry: Mononuclear and linear trinuclear clusters. *Polyhedron*, **2013**, 64, 52-58 2.7 1
- 25 Synthesis and X-ray crystal structure of [1,3-bis(η^5 -cyclopentadienyl)-1,1,3,3-tetramethyldisiloxane]hafnium(IV) dichloride. *Monatshefte Fur Chemie*, **1997**, 128, 961-967 1.4 1
- 24 A mononuclear and a mixed-valence chain polymer arising from copper(II) halide chemistry and the use of 2,2'-pyridil. *Bioinorganic Chemistry and Applications*, **2007**, 2007, 28508 4.2 1
- 23 Mimicking the oxidized glutathione-VIVO₂⁺ species. *Dalton Transactions*, **2003**, 775-777 4.3 1
- 22 Synthesis, Crystal Structures and Magnetic Properties of Trinuclear $\{\text{Ni}_2\text{Ln}\}$ (Ln^{III} = Dy, Ho) and $\{\text{Ni}_2\text{Y}\}$ Complexes with Schiff Base Ligands. *Crystals*, **2022**, 12, 95 2.3 1
- 21 Crystal structure of fac-tricarbon-yl(quinoline-2-carboxylato- η^2 -N,O)(tri-phenyl-arsane- η^3)rhenium(I). *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 114-6 0.7 1

20	Iron(III) Clusters from Polydentate Schiff Base Ligands: Involvement of Non Heisenberg Interaction in $[Fe^{III} 3(\mu_2-OR)3(\mu_2-O_2CPH)3]^{3+}$ Clusters. <i>Current Inorganic Chemistry</i> , 2018 , 7, 66-85		1
19	Heterometallic Complexes Containing the NiII-LnIII-NiII Moiety Structures and Magnetic Properties. <i>Crystals</i> , 2020 , 10, 1117	2.3	1
18	Synthesis, crystal structures, magnetic and magnetocaloric studies of heterometallic enneanuclear $\{Cu_7Gd_2\}$ complexes. <i>Polyhedron</i> , 2021 , 195, 114960	2.7	1
17	Dinuclear Lanthanide(III) Complexes from the Use of Methyl 2-Pyridyl Ketoxime: Synthetic, Structural, and Physical Studies. <i>Molecules</i> , 2021 , 26,	4.8	1
16	Self-assembled tetrameric H ₂ O clusters in the crystal lattice of $[Cu(\mu-OH)\{Ph_2P(O)NP(O)Ph_2-\mu O,O\}(1,10-phen-\mu N,N?)_2]_2 \cdot 2H_2O$. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 4047-4057	1.6	1
15	Synthesis and evaluation of new mixed "2'+1" Re, Tc and Re tricarbonyl dithiocarbamate complexes with different monodentate ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 47, 116373	3.4	1
14	Conjugation of triphenylantimony(V) with carvacrol against human breast cancer cells.. <i>Journal of Biological Inorganic Chemistry</i> , 2022 , 27, 373	3.7	1
13	Effective Labeling of Amine Pharmacophores through the Employment of 2,3-Pyrazinedicarboxylic Anhydride and the Generation of $[M(CO)(PyA)P]$ and $-[M(CO)(PyA)P]$ Complexes (PyA = Pyrazine-2-carboxylate, P = Phosphine, M = Re, Tc). <i>Inorganic Chemistry</i> , 2021 , 60, 17509-17516	5.1	0
12	Pentanuclear Thorium(IV) Coordination Cluster from the Use of Di(2-pyridyl) Ketone. <i>Inorganic Chemistry</i> , 2021 , 60, 11888-11892	5.1	0
11	A single-chain magnet based on bis(end-on azido/alkoxo)-bridged linear $[Mn^{III}2Mn^{II}]$ repeating units. <i>Polyhedron</i> , 2021 , 206, 115334	2.7	0
10	Di-2-pyridyl ketone-based ligands as evergreen trees in the forest of manganese chemistry: Mononuclear Mn(III) complexes from the use of MnF ₃ . <i>Polyhedron</i> , 2021 , 207, 115350	2.7	0
9	N-(4-Hydroxyphenyl)acetamide against diiodine towards polyiodide dianion. <i>New Journal of Chemistry</i> , 2017 , 41, 5555-5564	3.6	
8	Studies of Monothiomalonamide and its Palladium(II) and Platinum(II) Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 1224-1236	1	
7	Effects of the halogenido ligands on the Kumada-coupling catalytic activity of $[Ni\{BuN(PPh)_2\}X]$, X = Cl, Br, I, complexes.. <i>RSC Advances</i> , 2022 , 12, 2227-2236	3.7	
6	Crystal structure of -aqua-[(0)-4-(benzo[thia-zol-2-yl)-(pyridin-2-yl-methyl-idene)aniline- π ,']tricarbonylrhenium(I) hexa-fluorido-phosphate methanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 580-584	0.7	
5	Investigating the isolation and interconversion of two diastereoisomers in an octahedral system. <i>New Journal of Chemistry</i> , 2019 , 43, 17141-17145	3.6	
4	Other Techniques to Study Single-Molecule Magnets 2018 , 173-243		
3	Unique Magnetic Properties 2018 , 41-86		

- 2 Structural and catalytic properties of the [Ni(BIPHEP)X₂] complexes, BIPHEP = 2,2-diphenylphosphino-1,1-biphenyl; X = Cl, Br. *Inorganica Chimica Acta*, **2021**, 522, 120300 2.7
- 1 Electronic properties of the S = 5/2 Mn(II) complexes [Mn{PhC(O)NP(O)PPh₂}(N,N)(NO₃)], (N,N) = phenanthroline, neocuproine, 2,2'-bipyridine. *Polyhedron*, **2021**, 207, 115374 2.7