

Valeria Ferretti

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204
papers

6,274
citations

28
h-index

74
g-index

209
ext. papers

6,582
ext. citations

3.8
avg, IF

5.27
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 204 | Evidence for resonance-assisted hydrogen bonding from crystal-structure correlations on the enol form of the .beta.-diketone fragment. <i>Journal of the American Chemical Society</i> , 1989 , 111, 1023-1028 | 16.4 | 957 |
| 203 | Evidence for resonance-assisted hydrogen bonding. 4. Covalent nature of the strong homonuclear hydrogen bond. Study of the O-H...O system by crystal structure correlation methods. <i>Journal of the American Chemical Society</i> , 1994 , 116, 909-915 | 16.4 | 941 |
| 202 | Evidence for Intramolecular N-H...O Resonance-Assisted Hydrogen Bonding in β -Enaminones and Related Heterodienes. A Combined Crystal-Structural, IR and NMR Spectroscopic, and Quantum-Mechanical Investigation. <i>Journal of the American Chemical Society</i> , 2000 , 122, 10405-10417 | 16.4 | 431 |
| 201 | Evidence for resonance-assisted hydrogen bonding. 2. Intercorrelation between crystal structure and spectroscopic parameters in eight intramolecularly hydrogen bonded 1,3-diaryl-1,3-propanedione enols. <i>Journal of the American Chemical Society</i> , 1991 , 113, 4917-4925 | 16.4 | 428 |
| 200 | Covalent versus electrostatic nature of the strong hydrogen bond: discrimination among single, double, and asymmetric single-well hydrogen bonds by variable-temperature X-ray crystallographic methods in beta-diketone enol RAHB systems. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3845-55 | 16.4 | 232 |
| 199 | Enthalpy-entropy compensation in drug-receptor binding. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 1515-1518 | | 205 |
| 198 | Resonance-Assisted O-H...O Hydrogen Bonding: Its Role in the Crystalline Self-Recognition of β -Diketone Enols and its Structural and IR Characterization. <i>Chemistry - A European Journal</i> , 1996 , 2, 925-934 | 4.8 | 134 |
| 197 | Intermolecular N-H...O hydrogen bonds assisted by resonance. Heteroconjugated systems as hydrogen-bond-strengthening functional groups. <i>Acta Crystallographica Section B: Structural Science</i> , 1995 , 51, 1004-1015 | | 89 |
| 196 | Resonance-assisted hydrogen bonding. III. Formation of intermolecular hydrogen-bonded chains in crystals of β -diketone enols and its relevance to molecular association. <i>Acta Crystallographica Section B: Structural Science</i> , 1993 , 49, 564-576 | | 80 |
| 195 | Interplay between steric and electronic factors in determining the strength of intramolecular resonance-assisted N-H...O hydrogen bond in a series of β -ketoarylhydrazones. <i>New Journal of Chemistry</i> , 1999 , 23, 1261-1267 | 3.6 | 68 |
| 194 | General rules for the packing of hydrogen-bonded crystals as derived from the analysis of squaric acid anions: aminoaromatic nitrogen base co-crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 591-8 | | 67 |
| 193 | β -Unsaturated carbonyl system of chalcone-based derivatives is responsible for broad inhibition of proteasomal activity and preferential killing of human papilloma virus (HPV) positive cervical cancer cells. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 449-56 | 8.3 | 65 |
| 192 | Intramolecular N-H...O hydrogen bonding assisted by resonance. Part 2. Intercorrelation between structural and spectroscopic parameters for five 1,3-diketone arylhydrazones derived from dibenzoylmethane. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 2223-2228 | | 62 |
| 191 | Intramolecular O-H...O hydrogen bonds assisted by resonance. Correlation between crystallographic data and ^1H NMR chemical shifts. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997 , 945-952 | | 61 |
| 190 | Stereochemistry of the R ¹ (X):C(sp ²)-N(sp ³)R ² R ³ Fragment. Mapping of the cis-trans isomerization path by rotation around the carbon-nitrogen bond from crystallographic structural data. <i>Journal of the American Chemical Society</i> , 1986 , 108, 2420-4 | 16.4 | 60 |
| 189 | Metal-Metal Interactions in Trinuclear Copper(II) Complexes [Cu ₃ (RCOO) ₄ (H ₂ TEA) ₂] and Binuclear [Cu ₂ (RCOO) ₂ (H ₂ TEA) ₂]. Syntheses and Combined Structural, Magnetic, High-Field Electron Paramagnetic Resonance, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2015 , 54, 11916-34 | 5.1 | 50 |
| 188 | Associations of squaric acid and its anions as multiform building blocks of hydrogen-bonded molecular crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 859-65 | | 50 |

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| 187 | Substituent effects on keto-enol tautomerization of β -diketones from X-ray structural data and DFT calculations. <i>New Journal of Chemistry</i> , 2008 , 32, 694 | 3.6 | 48 |
| 186 | A novel approach to hydrogen bonding theory. <i>Advances in Molecular Structure Research</i> , 1996 , 67-102 | | 47 |
| 185 | Intermolecular N-H...O Hydrogen Bonding Assisted by Resonance. II. Self Assembly of Hydrogen-Bonded Secondary Enaminones in Supramolecular Catemers. <i>Acta Crystallographica Section B: Structural Science</i> , 1998 , 54, 50-65 | | 46 |
| 184 | Indomethacin co-crystals and their parent mixtures: does the intestinal barrier recognize them differently?. <i>Molecular Pharmaceutics</i> , 2015 , 12, 1501-11 | 5.6 | 39 |
| 183 | New copper(II) complexes of the anti-inflammatory drug mefenamic acid: a concerted study including synthesis, physicochemical characterization and their biological evaluation. <i>RSC Advances</i> , 2016 , 6, 88546-88558 | 3.7 | 39 |
| 182 | Optical Spectroscopy of Single Crystal $[\text{Re}(\text{bpy})(\text{CO})_4](\text{PF}_6)$: Mixing between Charge Transfer and Ligand Centered Excited States. <i>Inorganic Chemistry</i> , 1995 , 34, 5578-5587 | 5.1 | 38 |
| 181 | Can pharmaceutical co-crystals provide an opportunity to modify the biological properties of drugs?. <i>Drug Discovery Today</i> , 2017 , 22, 1134-1138 | 8.8 | 37 |
| 180 | Out-of-plane deformation pathways of the $\text{R}(\text{X}=\text{C})\text{-NR}_2$ fragment present in amides, thioamides, amidines, enamines, and anilines. A concerted study making use of structural data, molecular mechanics, and ab initio calculations. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 13568-13574 | | 37 |
| 179 | Technetium(V) nitrido complexes of dithiocarbazic acid derivatives. Reactivity of $[\text{TcN}]^{2+}$ core towards Schiff bases derived from S-methyl dithiocarbazate. Crystal structures of [S-methyl 3-(2-hydroxyphenylmethylene)dithiocarbazato]nitrido(triphenylphosphine)technetium(V) and his(S-methyl 3-isopropylidenedithiocarbazato)nitridotechnetium(V). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988 , 1743-1749 | | 37 |
| 178 | Binding of inorganic oxo-anions to cationic cobaltamine: Synthesis, characterization, X-ray structures determination and DFT calculations of $[\text{Co}(\text{NH}_3)_6]\text{Cl}_2(\text{ClO}_3)$, $[\text{Co}(\text{NH}_3)_6]\text{Br}_2(\text{ClO}_3)$ and $[\text{Co}(\text{NH}_3)_6]\text{Cl}_2(\text{IO}_3) \cdot \text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3457-3464 | 2.7 | 32 |
| 177 | Synthesis and characterization of square-planar platinum(II) and palladium(II) complexes with pyridine-2,6-dicarboxylic acid (H_2dipic). X-ray crystal structure of $\text{trans-Na}_2[\text{Pt}(\text{dipic})_2] \cdot 6\text{H}_2\text{O}$ and $\text{K}[\text{Pt}(\text{dipic})\text{I}]\cdot 2\text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 1991 , 185, 201-210 | 2.7 | 29 |
| 176 | Controlling the ligating behaviour of biologically important p-hydroxybenzoate towards copper(II) by the use of nitrogen bases: Synthesis, characterization and single crystal X-ray structure determination of $[\text{trans-Cu}(\text{en})_2(\text{H}_2\text{O})_2](\text{L}1)_2 \cdot 2\text{H}_2\text{O}$ and $[\text{cis-Cu}(\text{L}1)_2(\text{L}2)_2]$ where $\text{L}1 = \text{N,N}'\text{-bis(2-hydroxyethyl)ethylenediamine}$ and $\text{L}2 = \text{N,N}'\text{-bis(2-hydroxyethyl)ethylenediamine}$. <i>Molecular Structure</i> , 2009 , 33, 1-10 | 3.4 | 28 |
| 175 | Intramolecular N-H...O hydrogen bonding assisted by resonance. III. Structural studies of 1-ketone-2-arylhydrazone derivatives. <i>Acta Crystallographica Section B: Structural Science</i> , 1994 , 50, 617-625 | | 28 |
| 174 | Template Synthesis of Chiral Vicinal Diphosphinites as Their Pt(II) and Pd(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 918-925 | 2.3 | 27 |
| 173 | Hydrogen-bonded supramolecular structures in co-crystals of β -or β -diketone enols with 2,6-diaminopyridine or 2,4-diaminopyrimidine. <i>New Journal of Chemistry</i> , 2002 , 26, 1559-1566 | 3.6 | 27 |
| 172 | Competition between hydrogen bonding and donor-acceptor interactions in co-crystals of 1,3-dimethylbarbituric acid with aromatic amines. <i>New Journal of Chemistry</i> , 2001 , 25, 408-415 | 3.6 | 27 |
| 171 | Synthetic studies towards forskolin. <i>Tetrahedron</i> , 1989 , 45, 1517-1532 | 2.4 | 27 |
| 170 | A synthetic entry to isoxazolo[5,4-d]pyrimidine-4(5H)thione and isothiazolo[4,3-d]isoxazole. <i>Journal of Heterocyclic Chemistry</i> , 1990 , 27, 1481-1484 | 1.9 | 27 |

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| 169 | Synthesis of Heterocyclic Ligands by Diheterocyclization at the Rhenium(I) Allenylidene [(triphos)(CO) ₂ Re{CCCPh ₂ }}(OSO ₂ CF ₃). 1. Reactivity with Dipolar N,N-Heterocycles. <i>Organometallics</i> , 2006 , 25, 416-426 | 3.8 | 26 |
| 168 | Base hydrolysis kinetics and equilibria of [bis(2-pyridylmethyl)amine]chloroplatinum(II) and crystal and molecular structures of [Pt(bpma)Cl]Cl·H ₂ O and [Pt(bpma)(OH ₂)](ClO ₄) ₂ ·2H ₂ O. <i>Polyhedron</i> , 2002 , 21, 2283-2291 | 2.7 | 26 |
| 167 | Synthesis of technetium(V)-nitrido complexes with chelating amines: a novel class of monocationic, octahedral complexes containing the [Tc.tplbond.N]2+ core. Crystal structures of [TcN(en) ₂ Cl] ⁺ (en = ethylenediamine) and [TcN(tad)Cl] ⁺ (tad = 1,5,8,12-tetraazadodecane). <i>Inorganic Chemistry</i> , 1990 , 29, 2091-2096 | 5.1 | 26 |
| 166 | From Physical Mixtures to Co-Crystals: How the Cofomers Can Modify Solubility and Biological Activity of Carbamazepine. <i>Molecular Pharmaceutics</i> , 2018 , 15, 268-278 | 5.6 | 26 |
| 165 | Influence of nitrogen donor ligands on the coordination modes of copper(II) 2-nitrobenzoate complexes: structures, DFT calculations and magnetic properties. <i>New Journal of Chemistry</i> , 2014 , 38, 437-447 | 3.6 | 25 |
| 164 | Self-assembly of NH-pyrazoles via intermolecular N-H...N hydrogen bonds. <i>Acta Crystallographica Section B: Structural Science</i> , 1999 , 55, 985-993 | | 25 |
| 163 | Synthesis, crystal structure and characterization of a new organic/inorganic hybrid material: [C ₆ H ₁₆ N ₂ O]SbCl ₅ . <i>Journal of Molecular Structure</i> , 2015 , 1087, 26-32 | 3.4 | 24 |
| 162 | Second sphere coordination in anion binding: Synthesis, characterization and X-ray structure of cis-diazidobis(ethylenediamine)cobalt(III) mesitylenesulphonate hemihydrate. <i>Journal of Molecular Structure</i> , 2006 , 784, 109-116 | 3.4 | 24 |
| 161 | Supramolecular aggregation by means of charge-assisted hydrogen bonds in acid-base adducts containing amidinium cations. <i>New Journal of Chemistry</i> , 2004 , 28, 646 | 3.6 | 24 |
| 160 | Mode of binding of dimethyl sulphoxide in platinum(II) and palladium(II) cationic complexes containing a chelated diamine. X-Ray crystal structures of (2,2'-bipyridyl)chloro(dimethyl sulphoxide-O)palladium(II) tetrafluoroborate and chloro(dimethyl sulphoxide-O)platinum(II) tetrafluoroborate. <i>Journal of Chemical Crystallography</i> , 2006 , 36, 109-116 | | 24 |
| 159 | Complexes of TcV and TcIII with tridentate Schiff bases derived from S-methyl dithiocarbazate. Crystal structures of chloro[S-methyl 3-(2'-hydroxy-1-naphthylmethylene)dithiocarbazato(2-)]oxotechnetium(V) and dichloro[S-methyl 3-(2'-hydroxybenzylidene)dithiocarbazato(1-)]bis(triphenylphosphine)-technetium(III). <i>Journal of the Chemical Society Dalton Transactions</i> , 2002 , 2843-2851 | | 24 |
| 158 | Synthesis, characterization, properties and structures of rhenium-(II), -(III), and -(V) complexes containing amino acids conjugated with a 2-aminothiazole ligand. <i>Dalton Transactions RSC</i> , 2002 , 2843-2851 | | 23 |
| 157 | The crystal structure of the adduct 3NaI·2Sucrose·H ₂ O. <i>Carbohydrate Research</i> , 1989 , 191, 91-104 | 2.9 | 23 |
| 156 | Re-determination of the crystal structure of NaBr·Sucrose·2H ₂ O. <i>Carbohydrate Research</i> , 1989 , 191, 105-116 | 2.9 | 23 |
| 155 | Structure of 6-kestose monohydrate, C ₁₈ H ₃₁ O ₁₆ ·H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1984 , 40, 531-535 | | 23 |
| 154 | Coordination complexes of copper(II) with herbicide-trichlorophenoxyacetate: Syntheses, characterization, single crystal X-ray structure and packing analyses of monomeric [Cu(Epic) ₃ (2,4,5-trichlorophenoxyacetate)]·H ₂ O, [trans-Cu(en) ₂ (2,4,5-trichlorophenoxyacetate) ₂]·2H ₂ O and dimeric [Cu ₂ (Epic) ₂ (2,4,5-trichlorophenoxyacetate) ₂]·2H ₂ O. <i>Journal of Chemical Crystallography</i> , 2006 , 36, 117-122 | 2.7 | 22 |
| 153 | Acetylcholine-like and trimethylglycine-like PTA (1,3,5-triaza-7-phosphaadamantane) derivatives for the development of innovative Ru- and Pt-based therapeutic agents. <i>Inorganic Chemistry</i> , 2014 , 53, 4881-4890 | 5.1 | 22 |
| 152 | Rhenium(V) and technetium(V) nitrido complexes with mixed tridentate donor and monodentate acceptor ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 3130-7 | 5.1 | 22 |

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| 151 | Synthesis, characterization and supramolecular structure of three new Cu(II) and Ni(II) complexes with the potentially bidentate ligand 2-amino-6-methylpyrimidin-4(1H)-one (AMPO). <i>Inorganica Chimica Acta</i> , 2012 , 388, 52-59 | 2.7 | 22 |
| 150 | Tchnetium(V) and rhenium(V) complexes of biguanide derivatives. Crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 1937-1944 | | 22 |
| 149 | Design and construction of two rare aqua bridged copper (II) coordination polymers through mixed ligand strategy: Synthesis, characterization and single crystal X-ray structure determination of [Cu(2-iodobenzoate) ₂ (π -Picoline) ₂ (H ₂ O)] _n . <i>Journal of Molecular Structure</i> , 2015 , 1083, 398-404 | 3.4 | 21 |
| 148 | Magnetic behaviour vs. structural changes in an isomeric series of binuclear copper(II) complexes: an experimental and theoretical study. <i>New Journal of Chemistry</i> , 2014 , 38, 574-583 | 3.6 | 21 |
| 147 | Methylsulfinyl (Dimsyl) Anion as Umpolung Catalyst for the Chemoselective Cross-Benzoin Reaction of β -Diketones with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 3244-3252 | 5.6 | 21 |
| 146 | Nitrido-tchnetium and -rhenium complexes with chelating phosphines: synthesis, reactivity and crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 1281 | | 21 |
| 145 | Interplay between steric and electronic factors in determining the strength of intramolecular N-H...O resonance-assisted hydrogen bonds in beta-enaminones. <i>Acta Crystallographica Section B: Structural Science</i> , 2006 , 62, 1112-20 | | 20 |
| 144 | Second-sphere coordination complexes via hydrogen bonding: Synthesis, spectroscopic characterization, crystal structures and packing of cis-diazidobis(ethylenediamine)cobalt(III) cations with complex fluoroanions. <i>Journal of Molecular Structure</i> , 2005 , 753, 182-189 | 3.4 | 20 |
| 143 | Molecular structure and crystal packing of five 4-aminophenyl (4-substituted phenyl) sulfones. Correlations between structural distortions, spectroscopic parameters and electronic substituent effects. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993 , 213 | | 20 |
| 142 | Reaction of the technetium(I)carbonyl complexes [Tc(PMe ₂ Ph) ₃ (CO) ₂ Cl] and [Tc(PPh ₃) ₂ (CO) ₃ Cl] toward pseudo-allyl ligands such as triazenido, formamidinato, and acetamidinato. Crystal structures of [Tc(PMe ₂ Ph) ₂ (CO) ₂ (p-CH ₃ C ₆ H ₄ N:N:NC ₆ H ₄ CH ₃ -p)] and [Tc(PMe ₂ Ph) ₂ (CO) ₂ (p-CH ₃ C ₆ H ₄ N:N:NC ₆ H ₄ CH ₃ -p)] and [Tc(PMe ₂ Ph) ₂ (CO) ₂ (p-CH ₃ C ₆ H ₄ N:N:NC ₆ H ₄ CH ₃ -p)] <i>Inorganica Chimica Acta</i> , 2007 , 301, 1711-1716 | 5.1 | 20 |
| 141 | Four monomeric copper(II) complexes of non-steroidal anti-inflammatory drug Ibuprofen and N-donor ligands: syntheses, characterization, crystal structures and cytotoxicity studies. <i>New Journal of Chemistry</i> , 2017 , 41, 8253-8262 | 3.6 | 19 |
| 140 | Stereochemistry of serotonin receptor ligands from crystallographic data. Crystal structures of NAN-190.HBr, 1-phenylbiguanide, MDL 72222 and mianserin.HCl and selectivity criteria towards 5-HT ₁ , 5-HT ₂ , and 5-HT ₃ receptor subtypes. <i>Acta Crystallographica Section B: Structural Science</i> , 2006 , 62, 500-16 | | 19 |
| 139 | Second sphere coordination complexes: Synthesis, characterization, single crystal structure and packing analyses of [trans-Cu(en) ₂ (H ₂ O) ₂](L1/L2) ₂ where L1=p-toluenesulphonate, L2=5-bromo-2-methoxybenzenesulphonate. <i>Journal of Molecular Structure</i> , 2010 , 969, 155-162 | 3.4 | 18 |
| 138 | Crystal structure, Hirshfeld surface and spectroscopic studies of the noncentrosymmetric Bi(III) halide complex: [C ₈ H ₁₂ N] ₃ BiCl ₆ . <i>Inorganica Chimica Acta</i> , 2017 , 457, 122-129 | 2.7 | 17 |
| 137 | Copper(II) diclofenac complexes: Synthesis, structural studies and interaction with albumins and calf-thymus DNA. <i>Journal of Inorganic Biochemistry</i> , 2018 , 187, 97-108 | 4.2 | 17 |
| 136 | Isolation of two rare aqua-bridged zigzag copper(II) coordination polymers: Syntheses, characterization and X-ray structures of [Cu(2-bromobenzoate) ₂ (π -Picoline) ₂ (H ₂ O)] _n . <i>Journal of Molecular Structure</i> , 2014 , 1060, 256-263 | 3.4 | 17 |
| 135 | Alpha,beta-unsaturated N-acylpyrrole peptidyl derivatives: new proteasome inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 6511-5 | 8.3 | 17 |
| 134 | Reactivity of the rhenium(V)oxo complex [AsPh ₄][ReOCl ₄] toward bis(diphenylphosphino)amine NH(PPh ₂) ₂ . Synthesis and crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 339-345 | | 17 |

- 115 Reactivity of $[MO]3+$ (M=Tc, Re) core towards 2-mercapto-1,3-azole ligands. Formation of a new organometallic complex of Re(IV) and X-ray crystal structures. *Inorganica Chimica Acta*, **2005**, 358, 363-375 13
- 114 Preparation, solution behaviour and X-ray crystal structure of $[PtOTf(triphos)]OTf$. *Inorganic Chemistry Communication*, **2000**, 3, 303-306 3.1 13
- 113 Nitrido- and oxo-technetium(V) chelate complexes with N2S2 ligands: synthesis and crystal structures. *Journal of the Chemical Society Dalton Transactions*, **1992**, 1485 13
- 112 Synthesis, crystal structure, and spectroscopic studies of organic-inorganic hybrid material: $[C7H10NO]2BiBr5$. *Journal of Molecular Structure*, **2016**, 1118, 301-306 3.4 13
- 111 Bis(dimethylsulfoxide)carbonateplatinum(ii), a new synthon for a low-impact, versatile synthetic route to anticancer Pt carboxylates. *Dalton Transactions*, **2016**, 45, 10752-60 4.3 12
- 110 Synthesis, characterization and structural aspects of 3-azidopropylsilatrane. *Journal of Molecular Structure*, **2010**, 982, 107-112 3.4 12
- 109 Glutamine vinyl ester proteasome inhibitors selective for trypsin-like (beta2) subunit. *European Journal of Medicinal Chemistry*, **2007**, 42, 586-92 6.8 12
- 108 Structural features controlling the binding of beta-carbolines to the benzodiazepine receptor. *Acta Crystallographica Section B: Structural Science*, **2004**, 60, 481-9 12
- 107 Hydrogen-bonded aggregations of oxo-cholic acids. *Acta Crystallographica Section B: Structural Science*, **2005**, 61, 346-56 12
- 106 Co-ordination chemistry of S-methyl 2-methyldithiocarbamate and formation of $[MN]2+$ (M = Tc or Re) species. *Journal of the Chemical Society Dalton Transactions*, **1996**, 3105-3109 12
- 105 Effect of heterocyclic nitrogen donor ligands on coordination behavior of weakly coordinating arylsulfonate: Synthesis, characterization and antimicrobial activities of $[Cu(Epic)4(2-Cl-5-nitrobenzenesulfonate)2](methanol)$ and $[Cu(Epic)4(2-Cl-5-nitrobenzenesulfonate)2]$. *Inorganica Chimica Acta*, **2016**, 449, 52-60 2.7 12
- 104 Hybrid inorganic-organic complexes: Synthesis, spectroscopic characterization, single crystal X-ray structure determination and antimicrobial activities of three copper(II)-diethylenetriamine-p-nitrobenzoate complexes. *Inorganica Chimica Acta*, **2018**, 469, 288-297 2.7 11
- 103 Synthesis, characterization, single crystal X-ray structure, EPR and theoretical studies of a new hybrid inorganic-organic compound $[Cu(Hdien)2(H2O)2](pnb)4 \cdot 4H2O$ and its structural comparison with related $[Cu(en)2(H2O)2](pnb)2$. *Journal of Molecular Structure*, **2016**, 1123, 124-132 3.4 11
- 102 Synthesis, structural and vibrational investigation for Tetrakis(2,6-diethylanilinium) decabromodibismuthate(III) hexahydrate $[C10H16N]4Bi2Br10 \cdot 6H2O$. *Journal of Molecular Structure*, **2016**, 1106, 76-81 3.4 11
- 101 Concomitant formation of differently coordinated copper(II) complexes in the same reaction: Structural studies of $[trans-Cu(Epicoline)2(H2O)4](p-toluene\ sulfonate)2 \cdot 2H2O$ and $[trans-Cu(Epicoline)4](p-toluenesulfonate)2 \cdot 2H2O$. *Journal of Molecular Structure*, **2012**, 1015, 166-172 3.4 11
- 100 Relative acidity scale of glycine- and taurine-conjugated bile acids through ESI-MS measurements. *Steroids*, **2011**, 76, 596-602 2.8 11
- 99 Anion binding through second sphere coordination: Synthesis, characterization and X-ray structures of cationic carbonato bis(1,10-phenanthroline)cobalt(III) complex with sulphur oxoanions. *Journal of Molecular Structure*, **2009**, 927, 111-120 3.4 11
- 98 Host guest compound: Synthesis, characterization and single crystal X-ray structural study of $[Co(NH3)6]Br \cdot 2O3 \cdot H2O$ at variable temperatures. *Journal of Molecular Structure*, **2007**, 842, 6-11 3.4 11

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| 97 | Vinyl ester-based cyclic peptide proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 1849-54 | 2.9 | 11 |
| 96 | Isolation and crystal structure of a technetium(V) nitrido complex containing a coordinated transient state of N-(2-aminoethyl)carbamic acid. <i>Journal of the American Chemical Society</i> , 1991 , 113, 9680-9682 | 16.4 | 11 |
| 95 | Synthesis and Biological Activity of Peptide β -Ketoamide Derivatives as Proteasome Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 1086-1092 | 4.3 | 10 |
| 94 | New Water-Soluble Rhenium Complexes with 1,3,5-Triaza-7-phosphaadamantane (PTA) [X-ray Crystal Structures of [ReNCl ₂ (PTA) ₃], [ReO ₂ Cl(PTA) ₃], [ReCl ₃ [(PTA) ₂ (PPh ₃)], and [Re ₂ N ₂ Cl ₃ (Et ₂ dtc)[(PTA) ₄]. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2670-2679 | 2.3 | 10 |
| 93 | Interplay of hydrogen bonding and other molecular interactions in determining the crystal packing of a series of anti-beta-ketoarylhydrazones. <i>Acta Crystallographica Section B: Structural Science</i> , 1999 , 55, 994-1004 | | 10 |
| 92 | Crystal structure of trans-dicarbonylbis(dimethylphenylphosphine)(N-phenylsalicylideneaminato)rhenium(I) and mer-trichloro(dimethylphenylphosphine)(N-phenylsalicylideneaminato)rhenium(IV). Comparison of β -ketoamide and β -ketoimide complexes with the β -ketoamide ligand and their catalytic mechanisms | | 10 |
| 91 | De novo analysis of receptor binding affinity data of beta-carbolines. <i>Biochemical Pharmacology</i> , 1986 , 35, 2836-9 | 6 | 10 |
| 90 | Crystal structure, Hirshfeld surface analysis, quantum mechanical study and spectroscopic studies of noncentrosymmetric (S)nicotiniumtrichloridozincate monohydrate complex. <i>Inorganic Chemistry Communication</i> , 2015 , 61, 187-192 | 3.1 | 9 |
| 89 | Rare monomeric/dimeric copper(II) cinnamate complexes in one single crystal: Syntheses, characterization, structure determination and DFT studies of two copper(II) complexes. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 209-213 | 3.1 | 9 |
| 88 | Synthesis and structural characterization of technetium and rhenium complexes containing derivatized amino acids. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 1453-1460 | | 9 |
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