

Teresa Calvet

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180
papers

3,212
citations

30
h-index

44
g-index

191
ext. papers

3,472
ext. citations

3.4
avg, IF

4.91
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 180 | Phase Change Materials (PCM) microcapsules with different shell compositions: Preparation, characterization and thermal stability. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 1235-1240 | 6.4 | 167 |
| 179 | Structure of the linear trinuclear complex hexakis(acetato)bis(2,2'-bipyridine)trimanganese (II). Determination of the J electron-exchange parameter through magnetic susceptibility and high-field magnetization measurements. <i>Inorganic Chemistry</i> , 1991 , 30, 2666-2671 | 5.1 | 155 |
| 178 | Polymorphism of even saturated carboxylic acids from n-decanoic to n-eicosanoic acid. <i>New Journal of Chemistry</i> , 2007 , 31, 947 | 3.6 | 95 |
| 177 | External factors affecting polymorphic crystallization of lipids. <i>European Journal of Lipid Science and Technology</i> , 2013 , 115, 1224-1238 | 3 | 89 |
| 176 | DNA interaction and cytotoxicity studies of new ruthenium(II) cyclopentadienyl derivative complexes containing heteroaromatic ligands. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 241-9 | 4.2 | 74 |
| 175 | Polymorphism of N-Alkanols: 1-Heptadecanol, 1-Octadecanol, 1-Nonadecanol, and 1-Eicosanol. <i>Chemistry of Materials</i> , 2002 , 14, 508-517 | 9.6 | 70 |
| 174 | Platinum(II) and palladium(II) complexes with (N,N') and (C,N,N')- ligands derived from pyrazole as anticancer and antimalarial agents: synthesis, characterization and in vitro activities. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1720-8 | 4.2 | 69 |
| 173 | NH ₂ As a Directing Group: From the Cyclopalladation of Amino Esters to the Preparation of Benzolactams by Palladium(II)-Catalyzed Carbonylation of N-Unprotected Arylethylamines. <i>Organometallics</i> , 2013 , 32, 649-659 | 3.8 | 55 |
| 172 | Protection of temperature sensitive biomedical products using molecular alloys as phase change material. <i>Transfusion and Apheresis Science</i> , 2003 , 28, 143-8 | 2.4 | 51 |
| 171 | Five- and Seven-Membered Metallacycles in [C,N,N?] and [C,N] Cycloplatinated Compounds. <i>Organometallics</i> , 2009 , 28, 587-597 | 3.8 | 48 |
| 170 | Highly Regio- and Diastereoselective Oxazol-5-one Addition to Nitrostyrenes. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 199-203 | 3.2 | 42 |
| 169 | Influence of PPh ₃ moiety in the anticancer activity of new organometallic ruthenium complexes. <i>Journal of Inorganic Biochemistry</i> , 2014 , 136, 1-12 | 4.2 | 41 |
| 168 | Reductive Elimination from Cyclometalated Platinum(IV) Complexes To Form Csp ² –Csp ³ Bonds and Subsequent Competition between Csp ² H and Csp ³ H Bond Activation. <i>Organometallics</i> , 2012 , 31, 4401-4404 | 3.8 | 40 |
| 167 | A $\mu(1,1)$ - or $\mu(1,3)$ -carboxylate bridge makes the difference in the magnetic properties of dinuclear Mn(II) compounds. <i>Dalton Transactions</i> , 2010 , 39, 11664-74 | 4.3 | 40 |
| 166 | From concept to application. A new phase change material for thermal protection at -11 °C. <i>Materials Research Innovations</i> , 2002 , 6, 284-290 | 1.9 | 39 |
| 165 | In situ synchrotron radiation X-ray diffraction study of crystallization kinetics of polymorphs of 1,3-dioleoyl-2-palmitoyl glycerol (OPO). <i>CrystEngComm</i> , 2011 , 13, 3592 | 3.3 | 38 |
| 164 | Kinetico-Mechanistic Insight into the Platinum-Mediated C–C Coupling of Fluorinated Arenes. <i>Organometallics</i> , 2009 , 28, 5096-5106 | 3.8 | 38 |

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|-----|--|-----|----|
| 163 | Anionic tuning of the dimensionality in copper oximate chemistry. <i>Inorganic Chemistry</i> , 2010 , 49, 9752-4 | 5.1 | 37 |
| 162 | Manganese(II) Trimeric Systems Derived from Pyridyldioximate Ligands: Synthesis, Crystal Structure, and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 5082-5087 | 3 | 37 |
| 161 | Enantioselective organocatalytic asymmetric allylic alkylation. Bis(phenylsulfonyl)methane addition to MBH carbonates. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7986-9 | 3.9 | 36 |
| 160 | In situ observation of transformation pathways of polymorphic forms of 1,3-dipalmitoyl-2-oleoyl glycerol (POP) examined with synchrotron radiation X-ray diffraction and DSC. <i>CrystEngComm</i> , 2013 , 15, 302-314 | 3.3 | 35 |
| 159 | Synthesis, characterization and antiproliferative activity on mesothelioma cell lines of bis(carboxylato)platinum(IV) complexes based on picoplatin. <i>Dalton Transactions</i> , 2012 , 41, 3313-20 | 4.3 | 35 |
| 158 | Seven-membered cycloplatinated complexes as a new family of anticancer agents. X-ray characterization and preliminary biological studies. <i>European Journal of Medicinal Chemistry</i> , 2012 , 54, 557-66 | 6.8 | 34 |
| 157 | Triangular nickel complexes derived from 2-pyridylcyanoxime: an approach to the magnetic properties of the $[\text{Ni}_3(\beta\text{-OH})\{\text{pyC}(\text{R})\text{NO}\}_3]^{2+}$ core. <i>Chemistry - A European Journal</i> , 2012 , 18, 3637-48 | 4.8 | 34 |
| 156 | Relationship between the Crystal Structure and Morphology of Carboxylic Acid Polymorphs. Predicted and Experimental Morphologies. <i>Crystal Growth and Design</i> , 2010 , 10, 4262-4271 | 3.5 | 34 |
| 155 | Kinetico-Mechanistic Studies on Intramolecular C-X Bond Activation (X = Br, Cl) of Amino-Imino Ligands on Pt(II) Compounds. Prevalence of a Concerted Mechanism in Nonpolar, Polar, and Ionic Liquid Media. <i>Organometallics</i> , 2012 , 31, 4367-4373 | 3.8 | 33 |
| 154 | Phase behavior of binary mixture systems of saturated-unsaturated mixed-acid triacylglycerols: effects of glycerol structures and chain-chain interactions. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 4417-27 | 3.4 | 31 |
| 153 | $[\text{RuCl}_2(\text{t}-\text{p-cymene})(\text{P}^*)]$ and $[\text{RuCl}_2(\text{P}^*-\text{t}-\text{arene})]$ Complexes Containing P-Stereogenic Phosphines. Activity in Transfer Hydrogenation and Interactions with DNA. <i>Organometallics</i> , 2013 , 32, 2344-2362 | 3.8 | 31 |
| 152 | Melting behaviour in the n-alkanol family. Enthalpy-Entropy compensation. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 1786-1791 | 3.6 | 31 |
| 151 | Enantioselective organocatalytic oxyamination of unprotected 3-substituted oxindoles. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 431-9 | 3.9 | 30 |
| 150 | Kinetically Driven Crystallization of a Pure Polymorphic Phase of Stearic Acid from CO ₂ -Expanded Solutions. <i>Crystal Growth and Design</i> , 2010 , 10, 1226-1232 | 3.5 | 30 |
| 149 | Coordination compounds of Cd(II) with several bidentate-NN' and tridentate-NN'N nitrogen donor ligands. ¹¹³ Cd NMR studies of monomeric compounds containing nitrogen donor atoms. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2698-2703 | 2.7 | 30 |
| 148 | Variable coordination behavior of new hybrid pyrazole ligand: synthesis and characterization of several Zn(II), Cd(II), Hg(II), Pd(II), Pt(II), and Ni(II) complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 8736-50 | 5.1 | 30 |
| 147 | Structures of the high-temperature solid phases of the odd-numbered fatty acids from tridecanoic acid to tricosanoic acid. <i>Chemistry - A European Journal</i> , 2007 , 13, 3150-9 | 4.8 | 29 |
| 146 | Hexadecane (C ₁₆ H ₃₄) + 1-Hexadecanol (C ₁₆ H ₃₃ OH) Binary System: Crystal Structures of the Components and Experimental Phase Diagram. Application to Thermal Protection of Liquids. <i>Chemistry of Materials</i> , 2005 , 17, 3302-3310 | 9.6 | 29 |

- 145 Cyclopalladation of Schiff Bases from Methyl Esters of α -Amino Acids. Unexpected Activation of the OMe Bond with Formation of a Dianionic Tridentate Metallacycle. *Organometallics*, **2010**, 29, 214-223^{3.8} 27
- 144 Cyclopalladated Benzophenone Imines: Synthesis, Antitumor Activity, Cell Accumulation, DNA Interaction, and Cathepsin B Inhibition. *Organometallics*, **2014**, 33, 7284-7292 3.8 26
- 143 Crystallization and transformation of polymorphic forms of trioleoyl glycerol and 1,2-dioleoyl-3-*rac*-linoleoyl glycerol. *Journal of Physical Chemistry B*, **2013**, 117, 9170-81 3.4 26
- 142 Molecular alloys as phase change materials (MAPCM) for energy storage and thermal protection at temperatures from 70 to 85°C. *Journal of Physics and Chemistry of Solids*, **2005**, 66, 1668-1674 3.9 25
- 141 Binary p-dihalobenzene systems - correlation of thermochemical and phase-diagram data. *Calphad: Computer Coupling of Phase Diagrams and Thermochemistry*, **1991**, 15, 225-234 1.9 25
- 140 Diastereomerically pure platinum(II) complexes as antitumoral agents.: The influence of the mode of binding {(N), (N,O)- or (C,N)}- of (1S,2R)[(15-C5H5)Fe{(15-C5H4)CHNCH(Me)CH(OH)C6H5}] and the arrangement of the auxiliary ligands. *Journal of Inorganic Biochemistry*, **2013**, 118, 1-12 4.2 24
- 139 Crinine-type alkaloids from *Hippeastrum aulicum* and *H. calyptratum*. *Phytochemistry*, **2014**, 103, 188-195⁴ 23
- 138 Exploring the Scope of [Pt2(4-FC6H4)4(Et)2] as a Precursor for New Organometallic Platinum(II) and Platinum(IV) Antitumor Agents. *Organometallics*, **2014**, 33, 1740-1750 3.8 23
- 137 Dinuclear, tetranuclear and polymeric complexes in copper(II) perchlorate/pyridine-2,6-diamidoxime chemistry: synthetic, structural and magnetic studies. *Dalton Transactions*, **2011**, 40, 225-33 4.3 23
- 136 The C form of n-hexadecanoic acid. *Acta Crystallographica Section C: Crystal Structure Communications*, **2006**, 62, o129-31 23
- 135 First structural and magnetic studies of Ni clusters containing 2,6-diacetylpyridine-dioxime as a ligand. *Inorganic Chemistry*, **2010**, 49, 2259-66 5.1 22
- 134 Cyclopalladated and cycloplatinated benzophenone imines: antitumor, antibacterial and antioxidant activities, DNA interaction and cathepsin B inhibition. *Journal of Inorganic Biochemistry*, **2014**, 140, 80-8 4.2 21
- 133 New η -arene ruthenium(II) piano-stool complexes with nitrogen ligands. *Journal of Inorganic Biochemistry*, **2012**, 109, 72-81 4.2 21
- 132 New insights in the formation of five- versus seven-membered platinacycles: a kinetic-mechanistic study. *Inorganic Chemistry*, **2013**, 52, 474-84 5.1 21
- 131 Novel platinum(II) compounds with N-benzylidenebenzylamines: Synthesis, crystal structures and the effect of cis or trans geometry on cycloplatination. *Polyhedron*, **2008**, 27, 2603-2611 2.7 21
- 130 Thermal Analysis and X-Ray Diffraction Study on LiKSO4: A New Phase Transition. *Journal of Solid State Chemistry*, **1999**, 148, 316-324 3.3 21
- 129 The Brazilian Amaryllidaceae as a source of acetylcholinesterase inhibitory alkaloids. *Phytochemistry Reviews*, **2016**, 15, 147-160 7.7 19
- 128 A New Family of Doubly Cyclopalladated Diimines. A Remarkable Effect of the Linker between the Metalated Units on Their Cytotoxicity. *Organometallics*, **2014**, 33, 2862-2873 3.8 19

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|-----|---|-----|----|
| 127 | Synthesis, Characterization, and Photoluminescent Properties of ZnII, CdII, and HgII Complexes with N,O Hybrid Pyrazole Ligand. <i>Australian Journal of Chemistry</i> , 2010 , 63, 958 | 1.2 | 19 |
| 126 | X-ray structural characterization, Raman and thermal analysis of LiNaSO ₄ . The phase diagram of the Li ₂ SO ₄ -Na ₂ SO ₄ system. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 5211-5220 | 1.8 | 19 |
| 125 | Synthesis, crystal structure and magnetic properties of a Cu(II) paddle-wheel complex with mixed bridges. <i>Inorganic Chemistry Communication</i> , 2016 , 71, 90-93 | 3.1 | 18 |
| 124 | Authentication of Iberian dry-cured ham: New approaches by polymorphic fingerprint and ultrahigh resolution mass spectrometry. <i>Food Control</i> , 2016 , 60, 370-377 | 6.2 | 18 |
| 123 | New iron(II) cyclopentadienyl derivative complexes: Synthesis and antitumor activity against human leukemia cancer cells. <i>Journal of Organometallic Chemistry</i> , 2014 , 756, 52-60 | 2.3 | 18 |
| 122 | Competing intermolecular interactions in the high-temperature solid phases of even saturated carboxylic acids (C ₁₀ H ₁₉ O ₂ H to C ₂₀ H ₃₉ O ₂ H). <i>Chemistry - A European Journal</i> , 2009 , 15, 13141-9 | 4.8 | 18 |
| 121 | Fatty acids polymorphism and solid-state miscibility: Pentadecanoic acid-hexadecanoic acid binary system. <i>Journal of Alloys and Compounds</i> , 2009 , 469, 539-551 | 5.7 | 18 |
| 120 | Palladium(II) and platinum(II) complexes with N1-hydroxyethyl-3,5-pyrazole derived ligands. <i>Inorganica Chimica Acta</i> , 2013 , 394, 21-30 | 2.7 | 17 |
| 119 | Heterogeneous microstructures of spherulites of lipid mixtures characterized with synchrotron radiation microbeam X-ray diffraction. <i>CrystEngComm</i> , 2011 , 13, 6694 | 3.3 | 17 |
| 118 | Biaryl formation in the synthesis of endo and exo-platinacycles. <i>Dalton Transactions</i> , 2011 , 40, 9431-8 | 4.3 | 17 |
| 117 | Synthesis and absolute configuration of novel N,O-psiconucleosides using (R)-N-phenylpantolactam as a resolution agent. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6657-65 | 4.2 | 17 |
| 116 | Synthesis of Cyclopalladated Derivatives of (E)-N-Benzylidene-2-(2,6-dichlorophenyl)ethanamine and Their Reactivity towards Monodentate and Symmetric Bidentate Lewis Bases. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3617-3631 | 2.3 | 16 |
| 115 | P-Stereogenic monophosphines in Pd-catalysed enantioselective hydrovinylation of styrene. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2338-2345 | 2.3 | 16 |
| 114 | Solid-solid and solid-liquid equilibria in the n-alkanols family: C ₁₈ H ₃₇ OH-C ₂₀ H ₄₁ OH system. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 3726-3731 | 3.6 | 16 |
| 113 | DNA binding studies of a series of cis-[Pt(Am) ₂ X ₂] complexes (Am=inert amine, X=labile carboxylato ligand). <i>Inorganica Chimica Acta</i> , 2013 , 394, 65-76 | 2.7 | 15 |
| 112 | Platinum-mediated aryl-aryl bond formation and sp ³ C-H bond activation. <i>Dalton Transactions</i> , 2010 , 39, 6936-8 | 4.3 | 15 |
| 111 | Synthesis, characterization and crystal structure of a novel two-dimensional network formed by the reaction of a pyrazole ligand with nickel(II) ions. <i>Polyhedron</i> , 2010 , 29, 1083-1087 | 2.7 | 15 |
| 110 | Chiral Molecular Alloys: Patterson-Search Structure Determination of L-Carvone and DL-Carvone from X-ray Powder Diffraction Data at 218 K. <i>Acta Crystallographica Section B: Structural Science</i> , 1997 , 53, 702-707 | | 15 |

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| 109 | The C ₁₉ H ₃₉ OH–C ₂₀ H ₄₁ OH system: Experimental phase diagram and thermodynamic modelling. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 1953-1956 | 3.6 | 15 |
| 108 | Polymorphism, crystal growth, crystal morphology and solid-state miscibility of alkali nitrates. <i>Crystallography Reviews</i> , 2014 , 20, 25-55 | 1.3 | 14 |
| 107 | Manganese clusters derived from 2-pyridylcyanoxime: new topologies and a large spin ground state in pyridyloximate chemistry. <i>Dalton Transactions</i> , 2013 , 42, 12334-45 | 4.3 | 14 |
| 106 | A New Cyclometalation Motif: Synthesis, Characterization, Structures, and Reactivity of Pallada- and Platinacycles with a Bidentate {C(sp ² ,cyrhetrene),N} Ligand. <i>Organometallics</i> , 2011 , 30, 5578-5589 | 3.8 | 14 |
| 105 | Cyclometallated platinum(II) compounds with imine ligands derived from amino acids: Synthesis and oxidative addition reactions. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2467-2475 | 2.3 | 14 |
| 104 | Mechanistic aspects of the chemistry of mononuclear Cr(III) complexes with pendant-arm macrocyclic ligands and formation of discrete Cr(III)/Fe(II) and Cr(III)/Fe(II)/Co(III) cyano-bridged mixed valence compounds. <i>Dalton Transactions</i> , 2009 , 9567-77 | 4.3 | 14 |
| 103 | Solid state equilibrium in the n-alkanols family: the stability of binary mixed samples. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 947-952 | 3.6 | 14 |
| 102 | The gamma-form of n-eicosanol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 2), 219-21 | | 14 |
| 101 | X-ray structural characterization, Raman and thermal analysis of LiNH ₄ SO ₄ above room temperature. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 8995-9007 | 1.8 | 14 |
| 100 | Zn(II) and Cd(II) Coordination Dimers Based on Mixed Benzodioxole-Carboxylate and N-Donor Ligands: Synthesis, Characterization, Crystal Structures and Photoluminescence Properties. <i>ChemistrySelect</i> , 2017 , 2, 632-639 | 1.8 | 13 |
| 99 | Synthesis, characterization, crystal structures and computational studies on novel cyrhetyrenyl hydrazones. <i>Journal of Organometallic Chemistry</i> , 2016 , 819, 129-137 | 2.3 | 13 |
| 98 | Manganese compounds with phthalate and terephthalate ligands: Synthesis, crystal structure, magnetic properties and catalase activity. <i>Polyhedron</i> , 2012 , 45, 185-199 | 2.7 | 13 |
| 97 | Manganese clusters derived from a 2,6-diacetylpyridine dioximate ligand: structure and magnetic study. <i>Dalton Transactions</i> , 2010 , 39, 4817-25 | 4.3 | 13 |
| 96 | 1-Methyl-4-ferrocenylmethyl-3,5-diphenylpyrazole: A versatile ligand for palladium(II) and platinum(II). <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3633-3642 | 2.3 | 13 |
| 95 | Unexpected Structure of Palladacycles Containing Carboxylated Schiff Bases. Synthesis of Some Water-Soluble Metallacycles. <i>Organometallics</i> , 2008 , 27, 5108-5117 | 3.8 | 13 |
| 94 | Crystal structure determination of 1-pentanol from low-temperature powder diffraction data by Patterson search methods. <i>Powder Diffraction</i> , 2005 , 20, 311-315 | 1.8 | 13 |
| 93 | Laevorotatory-carvoxime + dextrorotatory-carvoxime a unique binary system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 1995 , 19, 49-56 | 1.9 | 13 |
| 92 | Application of the Δ h _{ap} -factors method to purity analysis of compounds by thermal methods. <i>Thermochimica Acta</i> , 1992 , 204, 271-280 | 2.9 | 13 |

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|----|--|-----|----|
| 91 | The influence of ancillary ligands on the antitumoral activity of new cyclometallated Pt(II) complexes derived from an ferrocene-pyrazole hybrid. <i>Journal of Organometallic Chemistry</i> , 2017 , 828, 122-132 | 2.3 | 12 |
| 90 | From Trioleoyl glycerol to extra virgin olive oil through multicomponent triacylglycerol mixtures: Crystallization and polymorphic transformation examined with differential scanning calorimetry and X-ray diffraction techniques. <i>Food Research International</i> , 2017 , 99, 476-484 | 7 | 12 |
| 89 | Neutral and Ionic Cycloruthenated 2-Phenylindoles as Cytotoxic Agents. <i>Organometallics</i> , 2013 , 32, 7264-7267 | 3.7 | 12 |
| 88 | Synthesis, X-ray crystal structure and NMR characterisation of mononuclear Pd(II) and Pt(II) complexes of didentate ligands with NN?-donor set. <i>Inorganica Chimica Acta</i> , 2010 , 363, 911-917 | 2.7 | 12 |
| 87 | Polymorphism and solid-state miscibility in the pentadecanoic acid-heptadecanoic acid binary system. <i>Chemistry and Physics of Lipids</i> , 2008 , 154, 68-77 | 3.7 | 12 |
| 86 | The Binary System Tetradecanedioic Acid/Hexadecanedioic Acid: Polymorphism of the Components and Experimental Phase Diagram. <i>Helvetica Chimica Acta</i> , 2006 , 89, 2027-2039 | 2 | 12 |
| 85 | Reactivity of homoleptic and heteroleptic core paddle wheel Cu(II) compounds. <i>Inorganica Chimica Acta</i> , 2019 , 487, 295-306 | 2.7 | 12 |
| 84 | Mononuclear and binuclear copper(II) bis(1,3-benzodioxole-5-carboxylate) adducts with bulky pyridines. <i>Polyhedron</i> , 2017 , 126, 184-194 | 2.7 | 11 |
| 83 | Synthesis and characterization of three new Cu(II) paddle-wheel compounds with 1,3-benzodioxole-5-carboxylic acid. <i>Polyhedron</i> , 2019 , 164, 64-73 | 2.7 | 11 |
| 82 | Modulating p-hydroxycinnamate behavior as a ditopic linker or photoacid in copper(ii) complexes with an auxiliary pyridine ligand. <i>Dalton Transactions</i> , 2018 , 47, 6479-6493 | 4.3 | 11 |
| 81 | In situ crystallization and transformation kinetics of polymorphic forms of saturated-unsaturated-unsaturated triacylglycerols: 1-palmitoyl-2,3-dioleoyl glycerol, 1-stearoyl-2,3-dioleoyl glycerol, and 1-palmitoyl-2-oleoyl-3-linoleoyl glycerol. <i>Food Research International</i> , 2016 , 85, 244-258 | 7 | 11 |
| 80 | The NaNO ₃ /KNO ₃ phase diagram. <i>Phase Transitions</i> , 2016 , 89, 1-20 | 1.3 | 11 |
| 79 | Synthesis and Characterization of New Palladium(II) Complexes Containing N-Alkylamino-3,5-diphenylpyrazole Ligands. Crystal Structure of [PdCl(L2)](BF ₄) {L2 = Bis[2-(3,5-diphenyl-1-pyrazolyl)ethyl]ethylamine}. <i>Australian Journal of Chemistry</i> , 2009 , 62, 475 | 1.2 | 11 |
| 78 | Preparation, separation and characterisation of two regioisomers of a N-hydroxyalkylpyridylpyrazole ligand: A structural investigation of their coordination to Pd(II), Pt(II) and Zn(II) centres. <i>Inorganica Chimica Acta</i> , 2011 , 367, 35-43 | 2.7 | 11 |
| 77 | [Cu(OMeCO ₂) ₂ (4-Bzpy)] ₂ (4-Bzpy) ₂ (4-Bzpy = 4-benzylpyridine): Study of the intermolecular C-H...O hydrogen bonds at two temperatures. <i>Journal of Molecular Structure</i> , 2018 , 1171, 808-814 | 3.4 | 10 |
| 76 | Platinum(II) and palladium(II) complexes derived from 1-ferrocenylmethyl-3,5-diphenylpyrazole. Coordination, cyclometallation or transannulation?. <i>RSC Advances</i> , 2012 , 2, 1986 | 3.7 | 10 |
| 75 | Influence of the substituent R ₁ on the reactivity of [(C ₅ H ₅) ₂ Fe{(C ₅ H ₄) ₂ NH(R ₁)OH}] {R ₁ = C ₂ H ₅ , C ₆ H ₅ , C ₆ H ₄ } with platinum(II) and on the properties of the complexes. <i>New Journal of Chemistry</i> , 2010 , 34, 676 | 3.6 | 10 |
| 74 | Steric promotion in the cycloplatination of primary amines. <i>Polyhedron</i> , 2009 , 28, 1369-1373 | 2.7 | 10 |

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|----|---|-----|----|
| 73 | Cyclopalladation of (E)-N-(2,6-dichlorobenzylidene)(naphthalen-1-yl)methanamine: Synthesis and X-ray molecular structure of [2-N,C1-D-C3,C4-Pd{(PhCCPh)2C10H6CH2NCH2,6-Cl2C6H3)}Cl]ClCH2Cl2. <i>Polyhedron</i> , 2009 , 28, 2559-2564 | 2.7 | 10 |
| 72 | Isomorphism of 2-methylnaphthalene and 2-halonaphthalenes as a revealer of a special interaction between methyl and halogen. <i>Journal of Chemical Physics</i> , 1999 , 110, 4841-4846 | 3.9 | 10 |
| 71 | Synthesis and characterization of Pd(II), Pt(II), Cu(I), Ag(I) and Cu(II) complexes with N,O-hybrid pyrazole ligand. <i>Polyhedron</i> , 2016 , 119, 555-562 | 2.7 | 10 |
| 70 | Preparation, spectroscopic and structural study of copper(II) complexes derived from bulky pyridine ligands. <i>Polyhedron</i> , 2017 , 134, 107-113 | 2.7 | 9 |
| 69 | Synthesis and characterization of Co(III) inverse metallacrowns via use of 6-methyl-2-pyridylalldoxime. <i>Inorganic Chemistry Communication</i> , 2012 , 16, 78-80 | 3.1 | 9 |
| 68 | Polycyclic N-benzamido imides with potent activity against vaccinia virus. <i>ChemMedChem</i> , 2010 , 5, 2072-8.7 | 3.7 | 9 |
| 67 | Decanedioic Acid (C10H18O4)/Dodecanedioic Acid (C12H22O4) System: Polymorphism of the Components and Experimental Phase Diagram. <i>Helvetica Chimica Acta</i> , 2008 , 91, 1286-1298 | 2 | 9 |
| 66 | Diverse Structures and Dimensionalities in Zn(II), Cd(II), and Hg(II) Metal Complexes with Piperonylic Acid. <i>Crystal Growth and Design</i> , 2020 , 20, 383-400 | 3.5 | 9 |
| 65 | Pd(II) complexes with N-substituted pyrazoles as ligands. The influence of the R group [OMe versus NMe2] of [1-{R(CH2)2}-3,5-Ph2(C3HN2)] on their cytotoxic activity on breast cancer cell lines. <i>Journal of Organometallic Chemistry</i> , 2014 , 766, 13-21 | 2.3 | 8 |
| 64 | New Textures of Chocolate Are Formed by Polymorphic Crystallization and Template Effects: Velvet Chocolate. <i>Crystal Growth and Design</i> , 2015 , 15, 4045-4054 | 3.5 | 8 |
| 63 | Molecular alloys in the series of para disubstituted benzene derivatives. <i>Thermochimica Acta</i> , 1989 , 147, 273-281 | 2.9 | 8 |
| 62 | Synthesis, structure and electrochemical behaviour of octahedral nickel(II) complexes with one 1,1-dithio and one macrocyclic ligand. <i>Polyhedron</i> , 1990 , 9, 1729-1735 | 2.7 | 8 |
| 61 | Crystal data for p-chloriodobenzene and p-bromochlorobenzene/p-chloriodobenzene mixed crystals at 293 K. <i>Journal of Applied Crystallography</i> , 1987 , 20, 48-48 | 3.8 | 8 |
| 60 | An Insight into the Solid-State Miscibility of Triacylglycerol Crystals. <i>Molecules</i> , 2020 , 25, | 4.8 | 7 |
| 59 | Morphology Change of Nitratine (NaNO3) from Aqueous Solution, in the Presence of Li+and K+Ions. <i>Crystal Growth and Design</i> , 2015 , 15, 5338-5344 | 3.5 | 6 |
| 58 | Trans- and cis-2-phenylindole platinum(II) complexes as cytotoxic agents against human breast adenocarcinoma cell lines. <i>Journal of Molecular Structure</i> , 2013 , 1048, 88-97 | 3.4 | 6 |
| 57 | Solvent-controlled formation of monomeric and dimeric species containing Cu(II) acetate and 4-phenylpyridine. <i>Polyhedron</i> , 2017 , 135, 36-40 | 2.7 | 6 |
| 56 | Insertion of Symmetric Alkynes into the [Pd(sp2, Ferrocene)] Bond of Palladacycles with [C(sp2, Ferrocene),N,S(Thienyl)]Pincer Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1702-1709 ^{2.3} | 2.3 | 6 |

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|----|---|-----|---|
| 55 | Hemilabile and luminescent palladium(II) azo-2-phenylindole complexes. <i>Journal of Organometallic Chemistry</i> , 2013 , 726, 21-31 | 2.3 | 6 |
| 54 | New Materials for Thermal Protection and Energy Storage. <i>Materials Technology</i> , 2005 , 20, 207-210 | 2.1 | 6 |
| 53 | Segregation and reliability in the storage of thermal energy in molecular alloys. <i>Materials Research Bulletin</i> , 1991 , 26, 749-761 | 5.1 | 6 |
| 52 | Structural characterization of a new polymeric Cu(II) complex with unexpected chlorinated pyrazole ligand. <i>Inorganic Chemistry Communication</i> , 2015 , 55, 51-55 | 3.1 | 5 |
| 51 | New N-pyrazole, P-phosphine hybrid ligands and their reactivity towards Pd(II): X-ray crystal structures of complexes with [PdCl ₂ (N,P)] core. <i>Journal of Organometallic Chemistry</i> , 2015 , 799-800, 257-264 | 2.3 | 5 |
| 50 | Crystallization and Melting Behavior of Cocoa Butter in Lipid Bodies of Fresh Cacao Beans. <i>Crystal Growth and Design</i> , 2019 , 19, 4127-4137 | 3.5 | 5 |
| 49 | Growth Kinetics of the {10.4} Faces of Nitratine (NaNO ₃). <i>Crystal Growth and Design</i> , 2013 , 13, 3419-3428 | 3.5 | 5 |
| 48 | Diastereomerically Pure Heterodi- and Heterotetrametallic (Pd and Pt) Compounds: A Study of the Effect Induced by the Binding Mode of a Ferrocene-Containing Ligand on Their Electrochemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 213-220 | 2.3 | 5 |
| 47 | Pd(II) and Pt(II) Coordination Chemistry with Hybrid Pyridine-Pyrazole Ligands: from 3D-Frameworks Structures in Molecular Complexes. <i>Australian Journal of Chemistry</i> , 2013 , 66, 685 | 1.2 | 5 |
| 46 | Diastereoselective preparation of (S)-(1,4,4-trimethylpyrrolidin-3-yl)amine, a new chiral 1,2-diamine for thiourea-type organocatalysts. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 745-751 | | 5 |
| 45 | Synthesis, crystal structures and properties of cis- and trans-isomers of [Pt{C ₆ H ₄ -4R ¹ -1-[C ₈ H ₄ N-3?-NOMe}]Cl ₂ (dmsO)] (R ¹ =H or Cl). <i>Journal of Molecular Structure</i> , 2011 , 999, 49-59 | 3.4 | 5 |
| 44 | Molecular alloys in the series of para-disubstituted benzene derivatives. Part 8. The para-dichlorobenzene + para-bromiodobenzene system. <i>Thermochimica Acta</i> , 1995 , 250, 13-18 | 2.9 | 5 |
| 43 | Molecular alloys in the series of paradisubstituted benzene derivatives. IV. Parabromochlorobenzene-parachloriodobenzene system. <i>Materials Research Bulletin</i> , 1988 , 23, 177-186 | 5.1 | 5 |
| 42 | New binuclear copper(II) coordination polymer based on mixed pyrazolic and oxalate ligands: structural characterization and mechanical properties. <i>RSC Advances</i> , 2015 , 5, 32369-32375 | 3.7 | 4 |
| 41 | Zn(II) and Cd(II) monomer, dimer and polymer compounds coordinated by benzoic acid and 4-acetylpyridine: Synthesis and crystal structures. <i>Inorganica Chimica Acta</i> , 2020 , 506, 119561 | 2.7 | 4 |
| 40 | Epitaxial Crystal Growth of Nitratine on Calcite (10.4) Cleavage Faces at the Nanoscale. <i>Crystal Growth and Design</i> , 2013 , 13, 5397-5403 | 3.5 | 4 |
| 39 | Copper and manganese derivatives of pyrazinyloximato ligands: Synthesis, structure and magnetic study. <i>Polyhedron</i> , 2013 , 64, 84-90 | 2.7 | 4 |
| 38 | A Comparative Study of Several Techniques to Obtain Fatty Acid Nanoparticles: Palmitic Acid. <i>Crystal Growth and Design</i> , 2009 , 9, 1762-1766 | 3.5 | 4 |

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|----|---|-----|---|
| 37 | Comment on Thermal Analysis and X-Ray Diffraction Study on LiKSO ₄ : A New Phase Transition <i>Journal of Solid State Chemistry</i> , 2001 , 156, 251-252 | 3.3 | 4 |
| 36 | 2-Substituted-Naphthalene Binary and Ternary Systems: From Random Alloys to Complexes. <i>Chemistry of Materials</i> , 2000 , 12, 3280-3287 | 9.6 | 4 |
| 35 | Molecular Alloys in the Series of Para-Disubstituted Benzene Derivatives. Part V. The Para-Dibromobenzene Para-Chloriodobenzene. <i>Powder Diffraction</i> , 1991 , 6, 85-88 | 1.8 | 4 |
| 34 | Compositional deformation of crystal lattices of molecular alloys in the series of p-disubstituted benzene derivatives. I. Method of calculation and experimental results. <i>Journal of Applied Crystallography</i> , 1991 , 24, 164-170 | 3.8 | 4 |
| 33 | Crystal Data and Powder Diffraction Data for p-bromiodobenzene at 293 K. <i>Powder Diffraction</i> , 1992 , 7, 42-43 | 1.8 | 4 |
| 32 | Isonicotinamide-Based Compounds: From Cocrystal to Polymer. <i>Molecules</i> , 2019 , 24, | 4.8 | 4 |
| 31 | Exploring the reactivity of Acetamidocinnamic acid and 4-Phenylpyridine with Zn(II) and Cd(II). <i>Inorganica Chimica Acta</i> , 2020 , 509, 119695 | 2.7 | 3 |
| 30 | Effects of Dynamic Temperature Variations on Microstructure and Polymorphic Behavior of Lipid Systems 2018 , 183-210 | | 3 |
| 29 | A new dinuclear copper(II) complex of unexpected formation with the 1-[2-(ethylamino)methyl]pyrazole ligand presents a curious Ferris wheel-like shape at supramolecular self-assembly. <i>Inorganic Chemistry Communication</i> , 2014 , 46, 254-258 | 3.1 | 3 |
| 28 | Straightforward preparation of enantiopure 3-amino-4,4-dimethylpyrrolidin-2-one and its derivatives. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2124-2135 | | 3 |
| 27 | Crystal Structure of the B' Form of Nonadecanoic Acid. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X269-X270 | | 3 |
| 26 | X-ray diffraction, thermal analysis, and Raman scattering study of K ₂ BeF ₄ and comparison to other members of the K ₂ SO ₄ family with ferroelectric-paraelectric transitions. <i>Physical Review B</i> , 1998 , 57, 5122-5125 | 3.3 | 3 |
| 25 | Behaviour during thermal cycling of molecular alloys for the storage of thermal energy. II. Alloys with p-chloriodobenzene and p-bromiodobenzene. <i>Materials Research Bulletin</i> , 1994 , 29, 293-301 | 5.1 | 3 |
| 24 | The system p-dibromobenzene + p-chloriodobenzene + p-bromiodobenzene-a methodological study on thermal analysis and thermodynamic phase-diagram analysis. <i>Thermochimica Acta</i> , 1989 , 146, 297-309 | 2.9 | 3 |
| 23 | Crystal data for p-bromochlorobenzene/p-dibromobenzene mixed crystals at 293 K. <i>Journal of Applied Crystallography</i> , 1986 , 19, 202-202 | 3.8 | 3 |
| 22 | Cu(II) coordination polymers with 4,4'-bipyridine. Synthesis and crystal structures. <i>Journal of Molecular Structure</i> , 2021 , 1235, 130219 | 3.4 | 3 |
| 21 | Cocrystals Based on 4,4'-bipyridine: Influence of Crystal Packing on Melting Point. <i>Crystals</i> , 2021 , 11, 191 | 2.3 | 3 |
| 20 | 3,5-disubstituted-N-hydroxyalkylpyrazole Cu(II) compounds: Anion effect on dimensionality, supramolecular structure and magnetic properties. <i>Polyhedron</i> , 2020 , 188, 114686 | 2.7 | 2 |

| | | | |
|----|---|-----|---|
| 19 | Cross metathesis of several methylenecyclopentane derivatives. <i>Tetrahedron</i> , 2013 , 69, 7234-7242 | 2.4 | 2 |
| 18 | On the reaction of 1,3-diphenylisobenzofuran and (2-iodoethynyl)(phenyl)iodonium triflate. A unique case of oxygen transfer from the Diels-Alder adduct to the diene. <i>Molecules</i> , 2012 , 17, 8795-803 | 4.8 | 2 |
| 17 | Molecular Alloys As Phase Change Materials (MAPCM): Thermal Protection Of Macromolecule Monocrystals At Controlled Temperature. <i>Materials Research Innovations</i> , 2005 , 9, 26-28 | 1.9 | 2 |
| 16 | Molecular alloys in the series of para-disubstituted benzene derivatives.. <i>Thermochimica Acta</i> , 1991 , 180, 61-67 | 2.9 | 2 |
| 15 | Crystal Data for p-Dibromobenzene/p-Chloriodobenzene Molecular Alloys Powder Diffraction, 1988 , 3, 242-243 | 1.8 | 2 |
| 14 | Crystal data for p-bromochlorobenzene and p-dichlorobenzene/p-bromochlorobenzene mixed crystals at 293 K. <i>Journal of Applied Crystallography</i> , 1985 , 18, 542-542 | 3.8 | 2 |
| 13 | Synthesis and crystal structure of the dinuclear cyclopalladated compounds of methyl (E)-4-(benzylideneamino)benzoate with acetato and chlorido bridge ligands: Study of their splitting reactions with pyridine. <i>Journal of Organometallic Chemistry</i> , 2016 , 815-816, 44-52 | 2.3 | 2 |
| 12 | Steric and Electronic Effects on the Structure and Photophysical Properties of Hg(II) Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 3851-3870 | 5.1 | 2 |
| 11 | ZnII Complexes Based on Hybrid N-Pyrazole, N?-imine Ligands: Synthesis, X-Ray Crystal Structure, NMR Characterisation, and 3D Supramolecular Properties. <i>Australian Journal of Chemistry</i> , 2015 , 68, 749 | 1.2 | 1 |
| 10 | Thermal Protection Using Molecular Alloys As Phase Change Materials. <i>Materials Research Innovations</i> , 2005 , 9, 76-77 | 1.9 | 1 |
| 9 | Influence of Aromatic Cations on the Structural Arrangement of Hg(II) Halides. <i>ACS Omega</i> , 2020 , 5, 29357,29372 | 5.7 | 1 |
| 8 | Construction of Zn(II) Linear Trinuclear Secondary Building Units from A Coordination Polymer Based on Acetamidocinnamic Acid and 4-Phenylpyridine. <i>Molecules</i> , 2020 , 25, | 4.8 | 1 |
| 7 | Steric crowding of a series of pyridine based ligands influencing the photophysical properties of Zn(II) complexes. <i>CrystEngComm</i> , 2021 , 23, 6199-6213 | 3.3 | 1 |
| 6 | Controlling the Formation of Two Concomitant Polymorphs in Hg(II) Coordination Polymers.. <i>Inorganic Chemistry</i> , 2022 , 61, 4965-4979 | 5.1 | 1 |
| 5 | Synthesis, Characterization, Solution Behavior and Theoretical Studies of Pd(II) Allyl Complexes with 2-Phenyl-3H-indoles as Ligands. <i>Catalysts</i> , 2019 , 9, 811 | 4 | 0 |
| 4 | Synthesis, Structural Characterization and Spectroscopic Properties of 1,2-Bis[4-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxobutyl]benzene. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 721-726 | 0.5 | 0 |
| 3 | Copper complexes from 3,5-disubstituted N-hydroxyethylpyrazole ligands: Cleavage of C N bond as well as formation of second coordination sphere complexes. <i>Polyhedron</i> , 2022 , 211, 115543 | 2.7 | 0 |
| 2 | Mixing Phase Behavior of Tripalmitin and Oleic-Rich Molecular Compound-Forming Triacylglycerols. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 5374-5384 | 3.9 | 0 |

- 1 Heterogeneous Nucleation Effects of Talc Particles on Polymorphic Crystallization of Cocoa Butter. *Crystal Growth and Design*, **2022**, 22, 213-227 3.5 ○