

# Venugopalan Paloth

## List of Publications by Citations

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#	Paper	IF	Citations
194	Characterization of a planar cyclic form of water hexamer in an organic supramolecular complex: an unusual self-assembly of bimesityl-3,3'-dicarboxylic acid. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 3417-20	16.4	259
193	Helical self-assembly of substituted benzoic acids: influence of weaker X...X and C-H...X interactions. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 6530-1	16.4	104
192	Structural, electronic, and magnetic consequences of O-carbonyl vs O-alkoxy ester coordination in new dicopper complexes containing the Cu <sub>2</sub> ( $\mu$ -Cl) <sub>2</sub> core. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6153-60	5.1	55
191	New tetranuclear Cu(II) complexes: synthesis, structure, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 6699-706	5.1	49
190	Second-sphere coordination complex via hydrogen bonding: synthesis, characterization and X-ray crystal structure of hexaamminecobalt(III)chloride dimethanesulphonate, [Co(NH <sub>3</sub> ) <sub>6</sub> ]Cl(CH <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> . <i>Journal of Molecular Structure</i> , <b>2004</b> , 694, 229-234	3.4	48
189	Crystal Engineering: Identification of a Unique Supramolecular Synthone Based on CO...X Interaction in Halogen-Substituted Aromatic Carboxaldehydes. <i>Crystal Growth and Design</i> , <b>2003</b> , 3, 581-585	3.5	47
188	Ansa versus spiro substitution of cyclophosphazenes: is fluorination essential for ansa to spiro transformation of cyclophosphazenes?. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 3176-82	5.1	46
187	Polymorphism: An overview <b>2009</b> , 14, 882-893		45
186	The Crystal Structure of C <sub>70</sub> [6(S8)] at 100 K. <i>Helvetica Chimica Acta</i> , <b>1993</b> , 76, 2155-2159	2	44
185	Facile stereoselective synthesis of cis- and trans-3-alkoxyazetidin-2-ones. <i>Tetrahedron</i> , <b>2006</b> , 62, 8291-8302	1.7	39
184	Modified Pictet-Spengler reaction. A highly diastereoselective approach to 1,2,3-trisubstituted-1,2,3,4-tetrahydro- $\beta$ -carboline using perhydro-1,3-heterocycles. <i>Tetrahedron</i> , <b>2001</b> , 57, 7939-7949	2.4	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> , <b>2016</b> , 6, 88546-88558	3.7	39
182	Organic Nanoparticles for Visual Detection of Spermidine and Spermine in Vapors and Aqueous Phase. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 1287-1296	8.3	38
181	Structural features of the human salivary mucin, MUC7. <i>Glycoconjugate Journal</i> , <b>1998</b> , 15, 457-67	3	37
180	Metal Chelates of Curcuminoids. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1998</b> , 28, 1313-1325		37
179	Cationic cobaltammines as anion receptors. Part V. Synthesis, characterization and X-ray structure of [CO(NH <sub>3</sub> ) <sub>6</sub> ]ClMoO <sub>4</sub> BH <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , <b>2004</b> , 57, 1563-1569	1.6	37
178	Three-dimensional four-connecting organic scaffolds with a twist: synthesis and self-assembly. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 8568-71	4.2	36

177	Solid-state photochromism and photoreactivity of o- and p-anisaldehydes. Remarkable stabilization of o-xilylenols. <i>Organic Letters</i> , <b>2001</b> , 3, 1579-82	6.2	34
176	Halide binding and self-assembling behavior of Triazole-based acyclic and cyclic molecules. <i>Tetrahedron</i> , <b>2011</b> , 67, 727-733	2.4	33
175	X-ray diffraction, spectral and magnetic studies of the nickel(II) thiocyanate complexes with tridentate 2,6-dithiocarboxamidopyridine SNS and 2,6-dicarboxamidopyridine ONO ligands: Influence of donor atoms on the coordination geometry of nickel. <i>Polyhedron</i> , <b>2005</b> , 24, 1221-1231	2.7	33
174	Engineering of ternary co-crystals based on differential binding of guest molecules by a tetraarylpyrene inclusion host. <i>Chemical Communications</i> , <b>2010</b> , 46, 3574-6	5.8	32
173	Seleno- $\beta$ -lactams: synthesis of monocyclic and spirocyclic selenoazetidino-2-ones. <i>Tetrahedron</i> , <b>2007</b> , 63, 3195-3204	2.4	32
172	A New Synthetic Approach to Novel Spiro- $\beta$ -lactams. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 4943-4950	3.2	32
171	An experimental and computational study of stereoselectivity and reactivity in Lewis acid promoted lithiation-substitution of tertiary amines. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 4506-7	16.4	30
170	C-3 $\beta$ -lactam carbocation equivalents: versatile synthons for C-3 substituted $\beta$ -lactams. <i>Tetrahedron</i> , <b>2006</b> , 62, 5054-5063	2.4	30
169	Silver(I)-Promoted ipso-Nitration of Carboxylic Acids by Nitronium Tetrafluoroborate. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 10498-504	4.2	28
168	Porous coordination polymers of diverse topologies based on a twisted tetrapyrrolylbiaryl: application as nucleophilic catalysts for acetylation of phenols. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2241-9	4.8	28
167	Preparation and Solid-State Characterization of Three Novel Multicomponent Solid Forms of Oxcarbazepine: Improvement in Solubility through Saccharin Cocrystal. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 4211-4224	3.5	28
166	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 [trans-Cu(en)2(H2O)2](L1)2 $\cdot$ 2H2O and [cis-Cu(L1)2(L2)2] where L1 = 2-amino-6-methyl-4-pyridinol and L2 = 2-amino-6-methyl-4-pyridinol. <i>Journal of Molecular Structure</i> , <b>2009</b> , 887, 107-112	3.4	28
165	Abundant lattice inclusion phenomenon with sterically hindered and inherently shape-selective tetraarylpyrenes. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8566-77	4.2	27
164	The crystal structure of a heptiptycene-chlorobenzene clathrate. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 2419-2422		26
163	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> , <b>2014</b> , 38, 437-447	3.6	25
162	Conformational control and photoenolization of pyridine-3-carboxaldehydes in the solid state: stabilization of photoenols via hydrogen bonding and electronic control. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 3446-53	4.2	25
161	Solid state structural and solution studies on the formation of a flexible cavity for anions by copper(I) and 1,2-bis(diphenylphosphino)ethane. <i>Polyhedron</i> , <b>2002</b> , 21, 2433-2443	2.7	24
160	Self-Assembly of Rigid Three-Connecting Mesitylenetribenzoic Acid: Multifarious Supramolecular Synthons and Solvent-Induced Supramolecular Isomerism. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4721-4729	3.5	23

- 159 Coordination complexes of copper(II) with herbicide-trichlorophenoxyacetate: Syntheses, characterization, single crystal X-ray structure and packing analyses of monomeric [Cu(Epic)<sub>3</sub>(2,4,5-trichlorophenoxyacetate)]·H<sub>2</sub>O, [trans-Cu(en)<sub>2</sub>(2,4,5-trichlorophenoxyacetate)<sub>2</sub>]<sub>2</sub>·2H<sub>2</sub>O and dimeric [Cu(en)<sub>2</sub>(2,4,5-trichlorophenoxyacetate)<sub>2</sub>]<sub>2</sub>·2H<sub>2</sub>O. *Journal of Molecular Structure*, **2015**, 1083, 398-404. 2.7 22
- 158 Selective recognition of lithium(I) ions using Biginelli based fluorescent organic nanoparticles in an aqueous medium. *RSC Advances*, **2016**, 6, 1792-1799. 3.7 22
- 157 Segregated aromatic  $\pi$ -stacking interactions involving fluorinated and non-fluorinated benzene rings: Cu(py)<sub>2</sub>(pfb)<sub>2</sub> and Cu(py)<sub>2</sub>(pfb)<sub>2</sub>(H<sub>2</sub>O) (py=pyridine and pfb=pentafluorobenzoate). *Journal of Fluorine Chemistry*, **2010**, 131, 456-460. 2.1 22
- 156 Diastereomer-differentiating photochemistry of beta-arylbutyrophenones: Yang cyclization versus type II elimination. *Journal of the American Chemical Society*, **2005**, 127, 14375-82. 16.4 22
- 155 Cationic cobaltammines as anion receptors: Synthesis and characterization of [Co(NH<sub>3</sub>)<sub>6</sub>](4-np)<sub>3</sub>·4H<sub>2</sub>O, [Co(NH<sub>3</sub>)<sub>6</sub>](2,4-dnp)<sub>3</sub> and [Co(NH<sub>3</sub>)<sub>6</sub>](2,4,6-tnp)<sub>3</sub> (where np=nitrophenolate, dnp=dinitrophenolate, tnp, trinitrophenolate), single crystal X-ray structure and packing of [Co(NH<sub>3</sub>)<sub>6</sub>](4-np)<sub>3</sub>·4H<sub>2</sub>O. *Journal of Molecular Structure*, **2005**, 752, 170-177. 3.4 22
- 154 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)<sub>2</sub>(Epicoline)<sub>2</sub>(H<sub>2</sub>O)]<sub>n</sub>. *Journal of Molecular Structure*, **2015**, 1083, 398-404. 3.4 21
- 153 Magnetic behaviour vs. structural changes in an isomeric series of binuclear copper(II) complexes: an experimental and theoretical study. *New Journal of Chemistry*, **2014**, 38, 574-583. 3.6 21
- 152 Synthesis, spectroscopic characterization and X-ray crystal structure determination of trialkylbenzylammonium trans-diamminetetranitrocobaltate(III) salts where alkyl = methyl and ethyl. *Journal of Coordination Chemistry*, **2005**, 58, 309-316. 1.6 21
- 151 Structural studies of diorganotin(IV) sulphonates The crystal structures of [(n-C<sub>4</sub>H<sub>9</sub>)<sub>2</sub>Sn{(OSO<sub>2</sub>C<sub>6</sub>H<sub>2</sub>(CH<sub>3</sub>)<sub>3</sub>)<sub>2</sub>}]<sub>n</sub> and its partially hydrolyzed product [(n-C<sub>4</sub>H<sub>9</sub>)<sub>2</sub>Sn{(OH)(OSO<sub>2</sub>C<sub>6</sub>H<sub>2</sub>(CH<sub>3</sub>)<sub>3</sub>)}]<sub>n</sub>. *Journal of Organometallic Chemistry*, **2001**, 619, 157-163. 2.3 21
- 150 A new synthetic approach for novel C-3 substituted lactams. *Tetrahedron Letters*, **2000**, 41, 5577-5581. 2 21
- 149 Synthesis and reactivity of novel 3-isothiocyanatopropylsilatrane derived from aminopropylsilatrane: X-ray crystal structure and theoretical studies. *Journal of Organometallic Chemistry*, **2010**, 695, 183-188. 2.3 20
- 148 Synthesis and spectroscopic characterization of trans-[Co(en)<sub>2</sub>(NO<sub>2</sub>)<sub>2</sub>]<sub>2</sub>X (X = dodecyl sulfate, picrate, diclofenac or saccharinate) and the single-crystal X-ray structure of the saccharinate salt, trans-[Co(en)<sub>2</sub>(NO<sub>2</sub>)<sub>2</sub>](C<sub>7</sub>H<sub>4</sub>NSO<sub>3</sub>)·H<sub>2</sub>O. *Journal of Coordination Chemistry*, **2005**, 58, 899-908. 1.6 20
- 147 Structure-based drug design: synthesis, crystal structure, biological evaluation and docking studies of mono- and bis-benzo[b]oxepines as non-steroidal estrogens. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 5025-33. 3.4 20
- 146 A facile Lewis acid-promoted allylation of azetidin-2-ones. *Tetrahedron Letters*, **2003**, 44, 895-897. 2 20
- 145 Indium(III) bromide catalyzed direct azidation of  $\beta$ -hydroxyketones using TMSN<sub>3</sub>. *Tetrahedron*, **2013**, 69, 10724-10732. 2.4 19
- 144 Four monomeric copper(II) complexes of non-steroidal anti-inflammatory drug Ibuprofen and N-donor ligands: syntheses, characterization, crystal structures and cytotoxicity studies. *New Journal of Chemistry*, **2017**, 41, 8253-8262. 3.6 19
- 143 Crystal engineering: lattice inclusion based on O-H $\cdots$ O hydrogen-bonded self-assembly and guest-induced structural mimicry. *Journal of Organic Chemistry*, **2012**, 77, 7858-65. 4.2 19
- 142 Second sphere coordination in anion binding: Synthesis, Characterization and X-ray structure of tris(1,10-phenanthroline)cobalt(III) periodate dihydrate, [Co(phen)<sub>3</sub>](IO<sub>4</sub>)<sub>3</sub>·2H<sub>2</sub>O. *Journal of Molecular Structure*, **2008**, 888, 291-299. 3.4 19

141	Unusual reaction of chloramine-T with araldoximes. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 1567-70	4.2	19
140	Preparation and Characterization of Methyl Substituted 2,2'-Dipyridyl Diselenides and -Ditellurides: X-ray Structure of 6,6'-Dimethyl-2,2'-dipyridyl Diselenide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2002</b> , 177, 2579-2587	1	19
139	A formal total synthesis of (E)-homogynolide-B. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1999</b> , 2069-2076		19
138	Synthesis, characterization, crystal structure and BSA binding studies of two novel copper(II) complexes: [trans-Cu(en) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ](p-methoxycinnamate) <sub>2</sub> and [trans-Cu(en) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ](p-nitrocinnamate) <sub>2</sub> ·2H <sub>2</sub> O. <i>Polyhedron</i> , <b>2013</b> , 56, 34-43	2.7	18
137	Aldol derivatives of Thioxoimidazolidinones as potential anti-prostate cancer agents. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 3291-301	6.8	18
136	Efficient photocyclization of o-alkylbenzaldehydes in the solid state: direct observation of E-xylolenols en route to benzocyclobutenols. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 7013-9	4.2	18
135	Copper(II) diclofenac complexes: Synthesis, structural studies and interaction with albumins and calf-thymus DNA. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 187, 97-108	4.2	17
134	Isolation of two rare aqua-bridged zigzag copper(II) coordination polymers: Syntheses, characterization and X-ray structures of [Cu(2-bromobenzoate) <sub>2</sub> (Epicoline) <sub>2</sub> (H <sub>2</sub> O)] <sub>n</sub> . <i>Journal of Molecular Structure</i> , <b>2014</b> , 1060, 256-263	3.4	17
133	Lewis acid mediated functionalization of lactams: mechanistic study and synthesis of C-3 unsymmetrically disubstituted azetidin-2-ones. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 5255-5259	2	17
132	A supramolecular assembly dominated by N-H...S hydrogen bonds: Structure of 2-thioureidobenzoxazole by single crystal X-ray diffraction. <i>Journal of Molecular Structure</i> , <b>2004</b> , 693, 205-209	3.4	17
131	Coordination Chemistry of N,N,N',N'-Tetraethylpyridine-2,6-dithiocarboxamide (S-dept) [X-ray Crystal Structures and Magnetic Properties of [Co(S-dept)X <sub>2</sub> ] (X = Br, I, and NCS). <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 3884-3893	2.3	17
130	The role of steric constraints in the formation of rare aqua bridged coordination polymers: Synthesis, characterization and X-ray structures of polymeric, [Cu(2-chlorobenzoate) <sub>2</sub> (Epicoline) <sub>2</sub> (H <sub>2</sub> O)] <sub>n</sub> and monomeric, [Cu(2-chlorobenzoate) <sub>2</sub> (Epicoline) <sub>2</sub> (H <sub>2</sub> O)] <sub>2</sub> . <i>Journal of Molecular Structure</i> , <b>2015</b> , 1099, 225-232	3.4	16
129	First X-ray structure of discrete anion [HgBr <sub>5</sub> ] <sup>3-</sup> Synthesis, characterization and single crystal X-ray structure determination of [Co(NH <sub>3</sub> ) <sub>6</sub> ][HgBr <sub>5</sub> ]. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 945-947	3.1	16
128	Facile synthesis of (Z)- and (E)-3-allylidene-lactams via thermal elimination of trans-3-allyl-3-sulfinyl-lactams. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 1719-1722	2	16
127	Second sphere coordination in anion binding: Synthesis, characterization of [Co(phen) <sub>2</sub> CO <sub>3</sub> ](X)(nH <sub>2</sub> O) where X=o-nitrophenolate(onp), p-nitrophenolate(pnp), 2,4-dinitrophenolate(dnp), 2,4,6-trinitrophenolate(tnp) and single crystal X-ray structures of [Co(phen) <sub>2</sub> CO <sub>3</sub> ](onp)(nH <sub>2</sub> O) and [Co(phen) <sub>2</sub> CO <sub>3</sub> ](dnp)(nH <sub>2</sub> O). <i>Journal of Molecular Structure</i> , <b>2008</b> , 892, 452-460.	3.4	16
126	Rings and rectangles mediated through weak interactions in ionic solids: Synthesis and packing analysis of [Co(NH <sub>3</sub> ) <sub>6</sub> ]Cl <sub>2</sub> SeCN and [Co(NH <sub>3</sub> ) <sub>6</sub> ]3Cl <sub>4</sub> (N <sub>3</sub> ) <sub>5</sub> in the crystalline state. <i>CrystEngComm</i> , <b>2006</b> , 8, 215	3.3	16
125	Highly diastereoselective tandem photoenolization-hetero-Diels-Alder cycloaddition reactions of o-tolualdehydes in the solid state. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 8459-66	4.2	16
124	Solid-state diphotocyclization of iso- and terephthalaldehydes via dihalogen substitution. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 327-30	4.2	16

123	Second sphere coordination in anion binding: Synthesis, spectroscopic characterization and single crystal X-ray structure determination of hexaamminecobalt(III) dichloride tetrafluoroborate. <i>Journal of Fluorine Chemistry</i> , <b>2005</b> , 126, 1543-1548	2.1	16
122	Second sphere coordination in binding of fluoroanions: Synthesis, spectroscopic characterization and single crystal X-ray structure determination of [Co(phen) <sub>3</sub> ](BF <sub>4</sub> ) <sub>3</sub> ·H <sub>2</sub> O and [Co(phen) <sub>3</sub> ](PF <sub>6</sub> ) <sub>3</sub> ·CH <sub>3</sub> COCH <sub>3</sub> . <i>Journal of Molecular Structure</i> , <b>2009</b> , 920, 119-127	3.4	15
121	Studies on cobalt(II) complexes with N,N,N',N'-tetraethylpyridine-2,6-dicarboxamide(L1) containing and anions: X-ray crystal structures of [Co(L1) <sub>2</sub> (CH <sub>3</sub> CN)](PF <sub>6</sub> ) <sub>2</sub> and. <i>Polyhedron</i> , <b>2006</b> , 25, 31-38	2.7	15
120	Synthesis, characterization and X-ray structural studies of three hybrid inorganic/organic compounds: Silver(I)-, lead(II)- and tris(phenanthroline)copper(II)- 2,6-naphthalenedisulfonate (2,6-nds). <i>Inorganica Chimica Acta</i> , <b>2015</b> , 432, 221-230	2.7	14
119	Friedel-Crafts Arylation of $\beta$ -Hydroxy Ketones: Synthesis of 1,2,2-Tetraarylethanones. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 1226-1234	3.2	14
118	Pseudopolymorphism of a Highly Adaptable Tetraarylpyrene Host that Exhibits Abundant Solid-State Guest Inclusion. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 6134-6143	3.5	14
117	Oriental Disorder of (trans)-4-Chloro-4'-nitrostilbene: A Detailed Analysis by Single Crystal X-ray Diffraction. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 52-59	3.5	14
116	Cationic cobalt(III) complex as anion receptor for biologically important anion: Synthesis, characterization and X-ray structure of [Co(phen) <sub>3</sub> ](C <sub>7</sub> H <sub>4</sub> NSO <sub>3</sub> ) <sub>3</sub> ·8.5H <sub>2</sub> O where C <sub>7</sub> H <sub>4</sub> NSO <sub>3</sub> =saccharinate ion. <i>Journal of Molecular Structure</i> , <b>2008</b> , 891, 396-403	3.4	14
115	Oxidative homodimerization of substituted olefins by DDQ visible light photocatalysis. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 3553-3556	5.2	14
114	New copper(II) niflumate complexes with N-donor ligands: Synthesis, characterization and evaluation of anticancer potential against human cell lines. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 488, 260-268	2.7	13
113	Self-assembly of sterically-rigidified 3-connecting benzenetribenzoic acid into (6,3) and (3,3) nets and stabilization of water channel in the crystal lattice. <i>CrystEngComm</i> , <b>2014</b> , 16, 4853-4860	3.3	13
112	Tagging Anions through Crystal Engineering to Avoid Polymerization: Structural, Conformational and Theoretical Investigations of New Halocadmate [Cd <sub>2</sub> X <sub>7</sub> ] <sub>3</sub> Anions (X = Cl/Br). <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1195-1203	2.3	13
111	Cationic metal complex, carbonatobis(1,10-phenanthroline)cobalt(III) as anion receptor: Synthesis, characterization, single crystal X-ray structure and packing analysis of [Co(phen) <sub>2</sub> CO <sub>3</sub> ](3,5-dinitrobenzoate)·5H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2009</b> , 921, 227-232	3.4	13
110	Steric control of coordination: Unusual coordination mode of dimethylpyridine-2,6-dicarboxylate in a new dinuclear copper(II) complex [(dmpe)(Cl)(ECl)Cu <sub>2</sub> (ECl)(Cl)(dmpe)] and reversal of the coordination mode in [Cu(dmpe)(H <sub>2</sub> O) <sub>3</sub> ](ClO <sub>4</sub> ) <sub>2</sub> . <i>Transition Metal Chemistry</i> , <b>2004</b> , 29, 251-258	2.1	13
109	Five coordinate complexes of N,N,N',N'-tetraethylpyridine-2,6-dicarboxamide with copper Crystal and molecular structures of dichloro(N,N,N',N'-tetraethylpyridine-2,6-dicarboxamido)copper(II) and chloro(perchlorato)(N,N,N',N'-tetraethylpyridine-2,6-dicarboxamido)copper(II). <i>Transition Metal Chemistry</i> , <b>2009</b> , 25, 465-469	2.1	13
108	Diaquabis(ethylenediamine)copper(II) vs. monoaquabis(ethylenediamine)copper(II): Synthesis, characterization, single crystal X-ray structure determination, theoretical calculations and antimicrobial activities of [Cu(en) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ](2-phenoxybenzoate) <sub>2</sub> ·H <sub>2</sub> O and [Cu(en) <sub>2</sub> (H <sub>2</sub> O)](diphenylacetate) <sub>2</sub> ·H <sub>2</sub> O. <i>Polyhedron</i> , <b>2017</b> , 123, 430-440	2.7	12
107	Exceptionally Plastic/Elastic Organic Crystals of a Naphthalidenimine-Boron Complex Show Flexible Optical Waveguide Properties. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11979-11984	4.8	12
106	Hydrogen-Bonded Helical Self-Assembly of Sterically-Hindered Benzyl Alcohols: Rare Isostructurality and Synthone Equivalence Between Alcohols and Acids. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 2942-2947	3.5	12

105	Second sphere coordination in fluoroanion binding: Synthesis, spectroscopic and X-ray structural study of [Co(phen)2CO3](Pfbz)6H2O. <i>Journal of Fluorine Chemistry</i> , <b>2009</b> , 130, 650-655	2.1	12
104	An Unusual Lewis Acid Promoted Isomerization of trans-3-Halo-3-phenylthio-b-lactams. <i>Heterocycles</i> , <b>2006</b> , 68, 749	0.8	12
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102	Single-Crystal X-Ray Diffraction Study of the Room Temperature Structure and Orientational Disorder of C 70. <i>Europhysics Letters</i> , <b>1994</b> , 27, 359-364	1.6	12
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21	Selective Metal-Ion Detection and Activatable Photosensitization Properties of a Tetraphenylethylene-Based Salicylideneimine. <i>ChemistrySelect</i> , <b>2019</b> , 4, 5707-5713	1.8	2
20	Isomorphous three-component crystals (pseudopolymorphs of binary cocrystals) based on lattice inclusion of guests with a sterically-rigidified tetraarylpyrene host. <i>CrystEngComm</i> , <b>2015</b> , 17, 5307-5314	3.3	2
19	Stackabilization: self-assembling bispidinophanes. <i>Tetrahedron</i> , <b>2015</b> , 71, 8302-8306	2.4	2
18	Metal Free, Direct and Selective Deoxygenation of β-Hydroxy Carbonyl Compounds: Access to β,β-Diaryl Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 2530-2536	3.2	2
17	Synthesis, spectroscopic characterization, single crystal X-ray analysis and DFT calculation of isomeric Cu(MR) <sub>2</sub> (β-pic) <sub>2</sub> complexes: First transition metal complexes of methyl red. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1166, 388-396	3.4	2
16	Role of non-covalent interactions in anion binding: Synthesis, characterization and solid state structural studies of [Co(phen) <sub>3</sub> ](SCN) <sub>3</sub> ·H <sub>2</sub> O and [Co(phen) <sub>2</sub> CO <sub>3</sub> ](SCN) <sub>3</sub> ·H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2009</b> , 931, 1-9	3.4	2

15	Silyl stabilized azanes: Reactions of mono- and dilithium bis(trimethylsilyl)hydrazide with dichloro- and tetrachlorostannane. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 2252-2257	2.3	2
14	Stabilizing effects of large counter ion: Synthesis, characterization and single crystal X-ray structure determination of [Co(NH <sub>3</sub> ) <sub>6</sub> ][HgI <sub>4</sub> ]. <i>Journal of Molecular Structure</i> , <b>2010</b> , 975, 1-4	3.4	2
13	Solid-state photobehaviour and crystal packing of o-chlorobenzylidene-DL-piperitone: influence of molecular topology on photobehaviour. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1992</b> , 48, 532-537		2
12	Antiparallel Self-Association of a $\pi$ -Hybrid Peptide: More Relevance of Weak Interactions. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1753-60	4.5	1
11	5-Hydroxycyclooctanone $\rightleftharpoons$ hemiacetal rearrangement: ab initio mechanistic study. <i>Computational and Theoretical Chemistry</i> , <b>2004</b> , 685, 139-145		1
10	Crystal Structure and Packing of 1-(4, 6-Diamino-1, 3, 5-triazin-2-yl)guanidinium nitrate. <i>Helvetica Chimica Acta</i> , <b>1994</b> , 77, 1475-1479	2	1
9	High-pressure Raman study of K and T forms of the octachloro cyclic phosphazene tetramer P <sub>4</sub> N <sub>4</sub> Cl <sub>8</sub> . <i>Journal of Raman Spectroscopy</i> , <b>1992</b> , 23, 611-614	2.3	1
8	Synthesis and characterization of new silver(I) naphthalenedisulfonate complexes with heterocyclic N-donor ligands: Packing analyses and antibacterial studies. <i>Polyhedron</i> , <b>2019</b> , 159, 275-283	2.7	1
7	Nature of fluorine interactions in wheel and axle topology based hexa-coordinated Sn(IV)-porphyrins: an experimental and theoretical analysis. <i>CrystEngComm</i> , <b>2020</b> , 22, 5049-5059	3.3	0
6	Theoretical and experimental studies on solubility and reactivity behavior of lysergol, elymoclavine, and dihydrolysergol. <i>International Journal of Quantum Chemistry</i> , <b>2013</b> , 113, 1427-1435	2.1	
5	The world behind the word structure <b>2014</b> , 19, 1115-1129		
4	Self-Assembly of Conformationally Rigid Dialcohols (Bis-Benzocyclobutenols): Supramolecular Cyclophanes and Arrays. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4714-4720	3.5	
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2	Silyl stabilized azanes: reactions of lithiumbis(trimethylsilyl)hydrazine with trialkyltin halides. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 1507-1510	2.3	
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