

# Valerio Bertolasi

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#	Paper	IF	Citations
352	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> , <b>1989</b> , 111, 1023-1028	16.4	957
351	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> , <b>1994</b> , 116, 909-915	16.4	941
350	Predicting hydrogen-bond strengths from acid-base molecular properties. The pK(a) slide rule: toward the solution of a long-lasting problem. <i>Accounts of Chemical Research</i> , <b>2009</b> , 42, 33-44	24.3	520
349	Evidence for Intramolecular N-H...O Resonance-Assisted Hydrogen Bonding in $\beta$ -Enaminones and Related Heterodienes. A Combined Crystal-Structural, IR and NMR Spectroscopic, and Quantum-Mechanical Investigation. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 10405-10417	16.4	431
348	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> , <b>1991</b> , 113, 4917-4925	16.4	428
347	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> , <b>2004</b> , 126, 3845-55	16.4	232
346	The nature of solid-state N-H triple bond/O...H triple bond N tautomeric competition in resonant systems. Intramolecular proton transfer in low-barrier hydrogen bonds formed by the triple bond O=C-C=N-NH triple bond $\leftrightarrow$ . <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13554-67	16.4	231
345	Resonance-Assisted O-H...O Hydrogen Bonding: Its Role in the Crystalline Self-Recognition of $\beta$ -Diketone Enols and its Structural and IR Characterization. <i>Chemistry - A European Journal</i> , <b>1996</b> , 2, 925-934	4.8	134
344	Variable-temperature X-ray crystallographic and DFT computational study of the N-H...O/N...H-O tautomeric competition in 1-(Arylazo)-2-naphthols. Outline of a transition-state hydrogen-bond theory. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4943-53	16.4	123
343	Multicomponent Hantzsch cyclocondensation as a route to highly functionalized 2- and 4-dihydropyridylalanines, 2- and 4-pyridylalanines, and their N-oxides: preparation via a polymer-assisted solution-phase approach. <i>Tetrahedron</i> , <b>2004</b> , 60, 2311-2326	2.4	112
342	Iridium cyclometalated complexes with axial symmetry. Synthesis and photophysical properties of a trans-biscyclometalated complex containing the terdentate ligand 2,6-diphenylpyridine. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 1950-6	5.1	108
341	Three-component Biginelli cyclocondensation reaction using C-glycosylated substrates. Preparation of a collection of dihydropyrimidinone glycoconjugates and the synthesis of C-glycosylated monastrol analogues. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 6979-94	4.2	107
340	Model studies toward the synthesis of dihydropyrimidinyl and pyridyl alpha-amino acids via three-component Biginelli and Hantzsch cyclocondensations. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 6172-83	4.2	104
339	Stereoselective Homologation/Amination of Aldehydes by Addition of Their Nitrones to C-2 Metalated Thiazoles/A General Entry to $\beta$ -Amino Aldehydes and Amino Sugars. <i>Chemistry - A European Journal</i> , <b>1995</b> , 1, 505-520	4.8	92
338	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> , <b>1995</b> , 51, 1004-1015		89
337	Chelating agents for human diseases related to aluminium overload. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 89-104	23.2	81
336	Resonance-assisted hydrogen bonding. III. Formation of intermolecular hydrogen-bonded chains in crystals of $\beta$ -diketone enols and its relevance to molecular association. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1993</b> , 49, 564-576		80

335	Phenoxy-Thioether Aluminum Complexes as $\mu$ -Caprolactone and Lactide Polymerization Catalysts. <i>Organometallics</i> , <b>2012</b> , 31, 5551-5560	3.8	76
334	Self-assembly of an azido-bridged [NiII <sub>6</sub> ] cluster featuring four fused defective cubanes. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3465-7	5.1	70
333	Interplay between steric and electronic factors in determining the strength of intramolecular resonance-assisted NH $\cdots$ O hydrogen bond in a series of $\beta$ -ketoarylhydrazones. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 1261-1267	3.6	68
332	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> , <b>2001</b> , 57, 591-8		67
331	Hydrogen Bonding and Electron Donor-Acceptor (EDA) Interactions Controlling the Crystal Packing of Picric Acid and Its Adducts with Nitrogen Bases. Their Rationalization in Terms of the pKa Equalization and Electron-Pair Saturation Concepts. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 2724-2735	3.5	64
330	Water soluble ruthenium cyclopentadienyl and aminocyclopentadienyl PTA complexes as catalysts for selective hydrogenation of $\beta,\beta$ -unsaturated substrates (PTA=1,3,5-triaza-7-phosphaadamantane). <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 224, 61-70		64
329	Intramolecular NH $\cdots$ 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> , <b>1993</b> , 2223-2228		62
328	Intramolecular OH $\cdots$ O hydrogen bonds assisted by resonance. Correlation between crystallographic data and <sup>1</sup> H NMR chemical shifts. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1997</b> , 945-952		61
327	Outline of a transition-state hydrogen-bond theory. <i>Journal of Molecular Structure</i> , <b>2006</b> , 790, 40-49	3.4	61
326	Stereochemistry of the R <sup>1</sup> (X):C(sp <sup>2</sup> )-N(sp <sup>3</sup> )R <sup>2</sup> R <sup>3</sup> 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> , <b>1986</b> , 108, 2420-4	16.4	60
325	Phosphinic platinum complexes with 8-thiotheophylline derivatives: synthesis, characterization, and antiproliferative activity. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4267-76	5.1	58
324	Biologically active platinum complexes containing 8-thiotheophylline and 8-(methylthio)theophylline. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 905-13	5.1	58
323	Novel Gold(I) and Gold(III)-N-Heterocyclic Carbene Complexes: Synthesis and Evaluation of Their Anticancer Properties. <i>Organometallics</i> , <b>2014</b> , 33, 2544-2548	3.8	56
322	Structures of E,E-3-(p-tolylimino)-2-butanone oxime and E,Z-4-(p-tolylimino)-2,3-pentanedione 3-oxime. An X-ray crystallographic investigation on bonding in oximes. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , <b>1982</b> , 38, 502-511		56
321	New $\mu$ (4)-oxido-bridged copper benzoate quasi-tetrahedron and bis- $\mu$ (3)-hydroxido-bridged copper azide and copper thiocyanate stepped cubanes: core conversion, structural diversity, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6575-85	5.1	55
320	Associations of squaric acid and its anions as multiform building blocks of hydrogen-bonded molecular crystals. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2001</b> , 57, 859-65		50
319	Au(I)- and Pt(II)-N-heterocyclic carbene complexes with picoline functionalized benzimidazolin-2-ylidene ligands; synthesis, structures, electrochemistry and cytotoxicity studies. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 759	3.6	48
318	Substituent effects on keto-enol tautomerization of $\beta$ -diketones from X-ray structural data and DFT calculations. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 694	3.6	48

- 317 Reactivity of the  $\text{ReOX}_3(\text{PPh}_3)_2$  complexes (X = Cl or Br) with Schiff bases. *Transition Metal Chemistry*, **1980**, 5, 289-293 2.1 48
- 316 A novel approach to hydrogen bonding theory. *Advances in Molecular Structure Research*, **1996**, 67-102 47
- 315 Intermolecular N-H...O Hydrogen Bonding Assisted by Resonance. II. Self Assembly of Hydrogen-Bonded Secondary Enaminones in Supramolecular Catemers. *Acta Crystallographica Section B: Structural Science*, **1998**, 54, 50-65 46
- 314 Iron Complexes of Bis(oxazoline) Ligand as Novel Catalysts for Efficient Atom Transfer Radical Polymerization of Styrene. *Macromolecules*, **2007**, 40, 8544-8546 5.5 45
- 313 New phenoxido-bridged quasi-tetrahedral and rhomboidal  $[\text{Cu}_4]$  compounds bearing  $\mu$ -oxido or  $(\mu,1)$ -azido ligands: synthesis, chemical reactivity, and magnetic studies. *Inorganic Chemistry*, **2011**, 50, 3922-33 5.1 44
- 312 The role of the non-participating groups in substitution reactions at cationic Pt(II) complexes containing tridentate chelating nitrogen donors. Crystal structure of  $\{\text{Pt}[\text{bis}(2\text{-pyridylmethyl})\text{amine}](\text{py})\}(\text{CF}_3\text{SO}_3)_2$ . *Polyhedron*, **2001**, 20, 869-880 2.7 44
- 311 Influence of syn and anti Configurations of NHC Backbone on Ru-Catalyzed Olefin Metathesis. *Organometallics*, **2009**, 28, 4988-4995 3.8 43
- 310 Titanium Complexes Bearing a Hemilabile Heteroscorpionate Ligand: Synthesis, Reactivity, and Olefin Polymerization Activity. *Organometallics*, **2005**, 24, 4915-4925 3.8 43
- 309 Self-assembled tetra- and pentanuclear nickel(II) aggregates from phenoxido-based ligand-bound  $\{\text{Ni}_2\}$  fragments: carboxylate bridge controlled structures. *Inorganic Chemistry*, **2013**, 52, 13894-903 5.1 42
- 308 Addition of E≡B Bonds (E = S, N) across the C≡C Bond of the Allenylidene Ligand in  $[\text{Re}\{\text{CCCPh}_2\}(\text{CO})_2(\text{triphos})](\text{OSO}_2\text{CF}_3)$  (Triphos =  $\text{MeC}(\text{CH}_2\text{PPh}_2)_3$ ). *Organometallics*, **2002**, 21, 2382-2394<sup>38</sup> 4.1
- 307 The pivotal role of symmetry in the ruthenium-catalyzed ring-closing metathesis of olefins. *Chemistry - A European Journal*, **2011**, 17, 8618-29 4.8 40
- 306 Indomethacin co-crystals and their parent mixtures: does the intestinal barrier recognize them differently?. *Molecular Pharmaceutics*, **2015**, 12, 1501-11 5.6 39
- 305 Synthesis, antimitotic and antivasular activity of 1-(3',4',5'-trimethoxybenzoyl)-3-arylamino-5-amino-1,2,4-triazoles. *Journal of Medicinal Chemistry*, **2014**, 57, 6795-808 8.3 39
- 304 Optical Spectroscopy of Single Crystal  $[\text{Re}(\text{bpy})(\text{CO})_4](\text{PF}_6)$ : Mixing between Charge Transfer and Ligand Centered Excited States. *Inorganic Chemistry*, **1995**, 34, 5578-5587 5.1 38
- 303 Double- $\text{CO}_3(2-)$  centered  $[\text{Co}(\text{II})_5]$  wheel and modeling of its magnetic properties. *Chemistry - A European Journal*, **2010**, 16, 13825-33 4.8 37
- 302 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. *The Journal of Physical Chemistry*, **1993**, 97, 13568-13574 37
- 301 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  $[\text{S-methyl 3-(2-hydroxyphenylmethylene)dithiocarbazato}]\text{nitrido}(\text{triphenylphosphine})\text{technetium(V)}$  and  $\text{bis}(\text{S-methyl 3-isopropylidenedithiocarbazato})\text{nitridotechnetium(V)}$ . *Journal of the Chemical Society Tridentate [N,N,O] Schiff-base group 4 metal complexes: Synthesis, structural characterization and reactivity in olefin polymerization. Journal of Molecular Catalysis A*, **2006**, 258, 275-283 37
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299	Structure of chlorobis(N-methylsalicylideneiminato)oxorhenium(V). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , <b>1982</b> , 38, 100-104		36
298	Coordination induced fluorescence enhancement and construction of a Zn <sub>3</sub> constellation through hydrolysis of ligand imine arms. <i>Dalton Transactions</i> , <b>2012</b> , 41, 1889-96	4.3	35
297	A combined theoretical and experimental investigation on the enantioselective oxidation of aryl benzyl sulfides in the presence of a chiral titanium catalyst. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 13417-26	4.8	35
296	Crystal and molecular structures of 2,6-cis-dimethylpiperidyl-N-phenylacetamide and 2,6-cis-dimethylpiperidyl-N-phenyl-2,2-dimethylpropionamide. An x-ray crystallographic investigation of the C(sp <sup>2</sup> )-N(piperidyl) bond. <i>Journal of the American Chemical Society</i> , <b>1979</b> , 101, 7704-7711	16.4	35
295	7-Nitro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one (nitrazepam). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , <b>1977</b> , 33, 2664-2667		35
294	1,4-Dithiane-2,5-diol as an efficient synthon for a straightforward synthesis of functionalized tetrahydrothiophenes via sulfa-Michael/aldol-type reactions with electrophilic alkenes. <i>Tetrahedron</i> , <b>2012</b> , 68, 208-213	2.4	34
293	An asymmetric synthesis of $\beta$ -lactams: on the use of chiral oxazolidones in the Kinugasa reaction. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 5499-5501	2	34
292	Influence of steric and electronic factors in the stabilization of five-coordinate ethylene complexes of platinum(II): X-ray crystal structure of [PtCl <sub>2</sub> (2,9-dimethyl-1,10-phenanthroline-5,6-dione)]. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 149-158	2.7	33
291	Chemical synthesis of linear and cyclic unnatural oligosaccharides by iterative glycosidation of ketoses. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 1371-82	4.8	33
290	Iron and manganese pyridoxal-based complexes as fluorescent probes for nitrite and nitrate anions in aqueous solution. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11778-86	5.1	32
289	Dihydropyridine C-Glycoconjugates by Hantzsch Cyclocondensation. Synthesis of a C(6)-Glycosylated Nifedipine Analogue. <i>Helvetica Chimica Acta</i> , <b>2002</b> , 85, 3331-3348	2	32
288	Heteroscorpionate-based Co <sup>2+</sup> , Zn <sup>2+</sup> , and Cu <sup>2+</sup> complexes: coordination behavior, aerobic oxidation, and hydrogen sulfide detection. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 900-10	5.1	31
287	A novel [Cu II 4] cluster from the assembly of two [Cu II 2L] <sup>+</sup> units by a central $\mu_4$ -1,1,2,2 perchlorate ligand. <i>Dalton Transactions</i> , <b>2008</b> , 861-4	4.3	31
286	Synthesis, solution thermodynamics, and X-ray study of CuII [12]metallacrown-4 with GABA hydroxamic acid: an unprecedented crystal structure of a [12]MC-4 with a gamma-aminohydroxamate. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1300-8	4.8	31
285	$\pi$ -Bond cooperativity and anticooperativity effects in resonance-assisted hydrogen bonds (RAHBs). <i>Acta Crystallographica Section B: Structural Science</i> , <b>2006</b> , 62, 850-63		31
284	Synthesis and cytotoxic activity of substituted 2-phenyl-3-hydroxy-4(1H)-quinolinones-7-carboxylic acids and their phenacyl esters. <i>European Journal of Medicinal Chemistry</i> , <b>2006</b> , 41, 467-74	6.8	31
283	A New and Expedient Diastereoselective Synthesis of $\beta$ -(Hydroxyamino)phosphonates and $\beta$ -Aminophosphonates by Silyl Triflate Promoted Diethyl Phosphite Addition to Chiral N-Benzyl Nitrones. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 1904-1914	3.2	31
282	Tautomerism and hydrogen bonding in reaction products from 4-aminopent-3-en-2-one and diazonium ions. <i>Journal of Molecular Structure</i> , <b>2002</b> , 642, 41-51	3.4	30



281	Reactivity of 2-(2-hydroxyphenyl)benzothiazoline with the oxotetrahalometalate(V) complexes [MOX <sub>4</sub> ] <sup>-</sup> (M = technetium, rhenium; X = Cl, Br). Synthesis and characterization of new oxo-M(V) complexes containing 2-(2-hydroxyphenyl)benzothiazole. Crystal structure of tetraphenylarsonium oxotrichloro[2-(2-hydroxyphenyl)benzothiazolato]technetate(V). <i>Inorganic Chemistry</i> , <b>1988</b> , 27, 4208-4213	5.1	30
280	Benzene fused monocyclic enediyne amides: synthesis, reactivity and DNA-cleavage activity in comparison to the corresponding sulfonamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 873-7	2.9	29
279	Equilibrium and kinetic studies of (2,2':6',2''-terpyridine)gold(III) complexes. Preparation and crystal structure of [Au(terpy)(OH)][ClO <sub>4</sub> ] <sub>2</sub> . <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 677-682		29
278	Synthesis and characterization of square-planar platinum(II) and palladium(II) complexes with pyridine-2,6-dicarboxylic acid (H <sub>2</sub> dipic). X-ray crystal structure of trans-Na <sub>2</sub> [Pt(dipic) <sub>2</sub> ] <sub>6</sub> H <sub>2</sub> O and K[Pt(dipic)] <sub>2</sub> /2H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , <b>1991</b> , 185, 201-210	2.7	29
277	Crystal structure and spectroscopic analysis of melamine hydrobromide. Evidence for iso-melamine cations and charge-transfer complexes in the solid state. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1992</b> , 1127-1132		29
276	Synthesis, X-ray crystal structure and vibrational spectroscopy of the acidic pyrophosphate KMg <sub>0.5</sub> H <sub>2</sub> P <sub>2</sub> O <sub>7</sub> ·H <sub>2</sub> O. <i>Journal of Solid State Chemistry</i> , <b>2003</b> , 176, 27-32	3.3	28
275	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> , <b>1994</b> , 50, 617-625		28
274	Expanding the Family of Hoveyda-Crabb Catalysts Containing Unsymmetrical NHC Ligands. <i>Organometallics</i> , <b>2017</b> , 36, 3692-3708	3.8	27
273	Allyl Amination of Phosphinoquinoline Allyl Complexes of Palladium. Influence of the Allyl Hapticity on the Reaction Rate and Regiochemistry. <i>Organometallics</i> , <b>2010</b> , 29, 3027-3038	3.8	27
272	The synthesis of chiral $\alpha$ -ketosulfoxides by enantioselective oxidation and their stereocontrolled reduction to $\alpha$ -hydroxysulfoxides. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 223-229		27
271	Template Synthesis of Chiral Vicinal Diphosphinites as Their Pt(II) and Pd(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 918-925	2.3	27
270	Hydrogen-bonded supramolecular structures in co-crystals of $\beta$ -or $\delta$ -diketone enols with 2,6-diaminopyridine or 2,4-diaminopyrimidine. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 1559-1566	3.6	27
269	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> , <b>2001</b> , 25, 408-415	3.6	27
268	Competitive coordination aggregation for V-shaped [Co <sub>3</sub> ] and disc-like [Co <sub>7</sub> ] complexes: synthesis, magnetic properties and catechol oxidase activity. <i>Dalton Transactions</i> , <b>2016</b> , 45, 13576-89	4.3	27
267	Probing the relevance of NHC ligand conformations in the Ru-catalysed ring-closing metathesis reaction. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10492-6	4.8	26
266	Porphyrin-cobaloxime dyads for photoinduced hydrogen production: investigation of the primary photochemical process. <i>Photochemical and Photobiological Sciences</i> , <b>2013</b> , 12, 1749-53	4.2	26
265	Aqua bridged Cu <sub>2</sub> dimer of a heptadentate N <sub>4</sub> O <sub>3</sub> coordinating ligand: Synthesis, structure and magnetic properties. <i>Polyhedron</i> , <b>2009</b> , 28, 987-993	2.7	26
264	Synthesis of Heterocyclic Ligands by Diheterocyclization at the Rhenium(I) Allenylidene [(triphos)(CO) <sub>2</sub> Re{CCCPh <sub>2</sub> }] <sub>2</sub> (OSO <sub>2</sub> CF <sub>3</sub> ). 1. Reactivity with Dipolar N,N-Heterocycles. <i>Organometallics</i> , <b>2006</b> , 25, 416-426	3.8	26

263	Base hydrolysis kinetics and equilibria of [bis(2-pyridylmethyl)amine]chloroplatinum(II) and crystal and molecular structures of [Pt(bpma)Cl]Cl·H <sub>2</sub> O and [Pt(bpma)(OH <sub>2</sub> )](ClO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O. <i>Polyhedron</i> , <b>2002</b> , 21, 2283-2291	2.7	26
262	Nucleophilic addition of phosphines to rhenium allenylidenes. Unprecedented double P= bond activation to give an η <sup>3</sup> -P-phospha-1-butadienyl ligand. <i>Dalton Transactions</i> , <b>2003</b> , 4121-4131	4.3	26
261	Enantioselective inclusion in bile acids: resolution of cyclic ketones. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 1479-1483		26
260	Molecular structure and linkage isomerism of cis-[Ru(bipy) <sub>2</sub> {trans-Cr(cyclam)(CN) <sub>2</sub> } <sub>2</sub> ] <sup>4+</sup> (bipy = 2,2'-bipyridine, cyclam = 1,4,8,11-tetraazacyclotetradecane). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1994</b> , 2391-2395		26
259	X-ray Diffraction, UV Photoelectron, and Ab Initio Study of Intramolecular Interactions in β-Carbonyl Sulfones. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 15011-15017		26
258	Synthesis of technetium(V)-nitrido complexes with chelating amines: a novel class of monocationic, octahedral complexes containing the [Tc.tpbond.N] <sup>2+</sup> core. Crystal structures of [TcN(en) <sub>2</sub> Cl] <sup>+</sup> (en = ethylenediamine) and [TcN(tad)Cl] <sup>+</sup> (tad = 1,5,8,12-tetraazadodecane). <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 2001-2006	5.1	26
257	From Physical Mixtures to Co-Crystals: How the Cofomers Can Modify Solubility and Biological Activity of Carbamazepine. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 268-278	5.6	26
256	Organometallic sulfur complexes: reactivity of the hydrogen sulfide anion with cobaloximes. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 4093-4099	3.6	25
255	The interaction between heteroditopic pyridine–nitrogen NHC with novel sulfur NHC ligands in palladium(0) derivatives: Synthesis and structural characterization of a bis-carbene palladium(0) olefin complex and formation in solution of an alkene–alkyne mixed intermediate as a consequence of the ligands hemilability. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 390, 105-118	2.7	25
254	Synthesis, NMR spectra and X-ray data of chloro and dichloro derivatives of 3-hydroxy-2-phenylquinolin-4(1H)-ones and their cytostatic activity. <i>Journal of Heterocyclic Chemistry</i> , <b>2004</b> , 41, 375-379	1.9	25
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138	Preparation and characterization of some keto-bile acid azines. <i>Steroids</i> , <b>2007</b> , 72, 756-64	2.8	11





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18	Structure of 3-(p-chlorophenyl)-1-phenyl-1,3-propanedione enol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 1798-1801		1
17	Crystal structure of racemic 5-(p-nitrobenzoylamino)-5-methyl-4-oxo-1,3-dioxane. <i>Journal of Crystallographic and Spectroscopic Research</i> , <b>1989</b> , 19, 695-700		1
16	Crystal structure of 7-cyano-6,7-dimethyl-1-phenyl-1,3,6,7-tetrahydro-2,1-benzoxaphospole 1-oxide. <i>Journal of Crystallographic and Spectroscopic Research</i> , <b>1989</b> , 19, 701-705		1
15	Structure of 2,2'-anhydro-1-β-D-arabinofuranosyl-6-methyluracil hemihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1986</b> , 42, 1526-1529		1
14	The structure of cis-dichlorobis[dimethyl(phenyl)phosphine](N-phenylsalicylideneaminato)rhenium(III), [Re(C <sub>13</sub> H <sub>10</sub> NO)Cl <sub>2</sub> {P(CH <sub>3</sub> ) <sub>2</sub> (C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> } <sub>2</sub> ]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 271-274		1
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