

Valerio Bertolasi

List of Publications by Year in descending order

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53660

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378
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.6	1,070
2	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.	6.6	1,036
3	Predicting Hydrogen-Bond Strengths from Acid-Base Molecular Properties. The Slide Rule: Toward the Solution of a Long-Lasting Problem. <i>Accounts of Chemical Research</i> , 2009, 42, 33-44.	7.6	630
4	Evidence for Intramolecular N-H...O Resonance-Assisted Hydrogen Bonding in β^2 -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.	6.6	471
5	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.	6.6	466
6	The Nature of Solid-State N-H...O/O-H...N Tautomeric Competition in Resonant Systems. Intramolecular Proton Transfer in Low-Barrier Hydrogen Bonds Formed by the $\text{O}=\text{C}-\text{N}=\text{N}-\text{H}$ and $\text{O}=\text{C}-\text{N}=\text{N}-\text{H}$ Keto-hydrazone-Azoenol System. A Variable-Temperature X-ray Crystallographic and DFT Computational Study. <i>Journal of the American Chemical Society</i> , 2002, 124, 13554-13567.	6.6	251
7	Covalent versus Electrostatic Nature of the Strong Hydrogen Bond: A Discrimination among Single, Double, and Asymmetric Single-Well Hydrogen Bonds by Variable-Temperature X-ray Crystallographic Methods in β^2 -Diketone Enol RAHB Systems. <i>Journal of the American Chemical Society</i> , 2004, 126, 3845-3855.	6.6	251
8	Resonance-Assisted O-H...O Hydrogen Bonding: Its Role in the Crystalline Self-Recognition of β^2 -Diketone Enols and its Structural and IR Characterization. <i>Chemistry - A European Journal</i> , 1996, 2, 925-934.	1.7	148
9	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> , 2005, 127, 4943-4953.	6.6	129
10	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> , 2004, 60, 2311-2326.	1.0	125
11	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> , 2002, 67, 6979-6994.	1.7	116
12	Model Studies toward the Synthesis of Dihydropyrimidinyl and Pyridyl β^2 -Amino Acids via Three-Component Biginelli and Hantzsch Cyclocondensations. <i>Journal of Organic Chemistry</i> , 2003, 68, 6172-6183.	1.7	113
13	Iridium Cyclometalated Complexes with Axial Symmetry. Synthesis and Photophysical Properties of atrans-Biscyclometalated Complex Containing the Tridentate Ligand 2,6-Diphenylpyridine. <i>Inorganic Chemistry</i> , 2004, 43, 1950-1956.	1.9	111
14	Stereoselective Homologation-Amination of Aldehydes by Addition of Their Nitrones to β^2 -Metalated Thiazoles-A General Entry to β^2 -Amino Aldehydes and Amino Sugars. <i>Chemistry - A European Journal</i> , 1995, 1, 505-520.	1.7	102
15	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.	1.8	97
16	Chelating agents for human diseases related to aluminium overload. <i>Coordination Chemistry Reviews</i> , 2012, 256, 89-104.	9.5	95
17	Resonance-assisted hydrogen bonding. III. Formation of intermolecular hydrogen-bonded chains in crystals of β^2 -diketone enols and its relevance to molecular association. <i>Acta Crystallographica Section B: Structural Science</i> , 1993, 49, 564-576.	1.8	87
18	Phenoxy-Thioether Aluminum Complexes as β^2 -Caprolactone and Lactide Polymerization Catalysts. <i>Organometallics</i> , 2012, 31, 5551-5560.	1.1	81

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19	Interplay between steric and electronic factors in determining the strength of intramolecular resonance-assisted NH \cdots O hydrogen bond in a series of β^2 -ketoarylhydrazones. <i>New Journal of Chemistry</i> , 1999, 23, 1261-1267.	1.4	78
20	Hydrogen Bonding and Electron Donor \cdots Acceptor (EDA) Interactions Controlling the Crystal Packing of Picric Acid and Its Adducts with Nitrogen Bases. Their Rationalization in Terms of the p <i>K</i> _a Equalization and Electron-Pair Saturation Concepts. <i>Crystal Growth and Design</i> , 2011, 11, 2724-2735.	1.4	74
21	Intramolecular O \cdots H \cdots O hydrogen bonds assisted by resonance. Correlation between crystallographic data and ¹ H NMR chemical shifts. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 945-952.	0.9	73
22	Water soluble ruthenium cyclopentadienyl and aminocyclopentadienyl PTA complexes as catalysts for selective hydrogenation of β^{\pm} -unsaturated substrates (PTA=1,3,5-triaza-7-phosphaadamantane). <i>Journal of Molecular Catalysis A</i> , 2004, 224, 61-70.	4.8	71
23	Self-Assembly of an Azido-Bridged [Ni ^{II}] ₆ Cluster Featuring Four Fused Defective Cubanes. <i>Inorganic Chemistry</i> , 2008, 47, 3465-3467.	1.9	71
24	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, 591-598.	1.8	69
25	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, 2420-2424.	6.6	68
26	Intramolecular N \cdots H \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> , 1993, , 2223-2228.	0.9	68
27	Novel Gold(I) and Gold(III) N-Heterocyclic Carbene Complexes: Synthesis and Evaluation of Their Anticancer Properties. <i>Organometallics</i> , 2014, 33, 2544-2548.	1.1	67
28	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> , 1982, 38, 502-511.	0.4	62
29	Outline of a transition-state hydrogen-bond theory. <i>Journal of Molecular Structure</i> , 2006, 790, 40-49.	1.8	62
30	Biologically Active Platinum Complexes Containing 8-Thiotheophylline and 8-(Methylthio)theophylline. <i>Inorganic Chemistry</i> , 2004, 43, 905-913.	1.9	61
31	New μ_4 -Oxido-Bridged Copper Benzoate Quasi-Tetrahedron and Bis- μ_3 -Hydroxido-Bridged Copper Azide and Copper Thiocyanate Stepped Cubanes: Core Conversion, Structural Diversity, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 6575-6585.	1.9	60
32	Phosphinic Platinum Complexes with 8-Thiotheophylline Derivatives: Synthesis, Characterization, and Antiproliferative Activity. <i>Inorganic Chemistry</i> , 2007, 46, 4267-4276.	1.9	59
33	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, 859-865.	1.8	54
34	Substituent effects on keto \rightleftharpoons enol tautomerization of β^2 -diketones from X-ray structural data and DFT calculations. <i>New Journal of Chemistry</i> , 2008, 32, 694.	1.4	52
35	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> , 2012, 36, 759.	1.4	52
36	Synthesis, Antimitotic and Antivascular Activity of 1-(3 ϵ^2 ,4 ϵ^2 ,5 ϵ^2 -Trimethoxybenzoyl)-3-arylamino-5-amino-1,2,4-triazoles. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6795-6808.	5.79	52

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37	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.	1.8	51
38	Indomethacin Co-Crystals and Their Parent Mixtures: Does the Intestinal Barrier Recognize Them Differently?. <i>Molecular Pharmaceutics</i> , 2015, 12, 1501-1511.	2.3	51
39	A novel approach to hydrogen bonding theory. <i>Advances in Molecular Structure Research</i> , 1996, , 67-102.	0.3	51
40	Reactivity of the $\text{ReOX}_3(\text{PPh}_3)_2$ complexes (X = Cl or Br) with Schiff bases. <i>Transition Metal Chemistry</i> , 1980, 5, 289-293.	0.7	49
41	New Phenoxido-Bridged Quasi-Tetrahedral and Rhomboidal $[\text{Cu}_4]$ Compounds Bearing μ_4 -Oxido or μ_4 -Azido Ligands: Synthesis, Chemical Reactivity, and Magnetic Studies. <i>Inorganic Chemistry</i> , 2011, 50, 3922-3933.	1.9	49
42	The Pivotal Role of Symmetry in the Ruthenium-Catalyzed Ring-Closing Metathesis of Olefins. <i>Chemistry - A European Journal</i> , 2011, 17, 8618-8629.	1.7	47
43	Influence of <i>syn</i> and <i>anti</i> Configurations of NHC Backbone on Ru-Catalyzed Olefin Metathesis. <i>Organometallics</i> , 2009, 28, 4988-4995.	1.1	46
44	Self-Assembled Tetra- and Pentanuclear Nickel(II) Aggregates From Phenoxido-Based Ligand-Bound $\{\text{Ni}_2\}$ Fragments: Carboxylate Bridge Controlled Structures. <i>Inorganic Chemistry</i> , 2013, 52, 13894-13903.	1.9	46
45	Titanium Complexes Bearing a Hemilabile Heteroscorpionate Ligand: Synthesis, Reactivity, and Olefin Polymerization Activity. <i>Organometallics</i> , 2005, 24, 4915-4925.	1.1	45
46	Iron Complexes of Bis(oxazoline) Ligand as Novel Catalysts for Efficient Atom Transfer Radical Polymerization of Styrene. <i>Macromolecules</i> , 2007, 40, 8544-8546.	2.2	45
47	The role of the non-participating groups in substitution reactions at cationic Pt(II) complexes containing tridentate chelating nitrogen donors. Crystal structure of $\{\text{Pt}[\text{bis}(2\text{-pyridylmethyl})\text{amine}(\text{py})](\text{CF}_3\text{SO}_3)_2\}$. <i>Polyhedron</i> , 2001, 20, 869-880.	1.0	44
48	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.	1.9	42
49	Addition of $\sigma^* \text{H}$ Bonds (E = S, N) across the $\text{C}=\text{C}$ Bond of the Allenylidene Ligand in $[\text{Re}\{\text{CCCPh}_2\}(\text{CO})_2(\text{triphos})](\text{OSO}_2\text{CF}_3)$ (Triphos = $\text{MeC}(\text{CH}_2\text{PPh}_2)_3$). <i>Organometallics</i> , 2002, 21, 2382-2394.	1.1	41
50	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> , 1977, 33, 2664-2667.	0.4	40
51	Expanding the Family of Hoveyda-Grubbs Catalysts Containing Unsymmetrical NHC Ligands. <i>Organometallics</i> , 2017, 36, 3692-3708.	1.1	40
52	Iron and Manganese Pyridoxal-Based Complexes as Fluorescent Probes for Nitrite and Nitrate Anions in Aqueous Solution. <i>Inorganic Chemistry</i> , 2013, 52, 11778-11786.	1.9	39
53	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 $\text{C}(\text{sp}^2)\text{-N}(\text{piperidyl})$ bond. <i>Journal of the American Chemical Society</i> , 1979, 101, 7704-7711.	6.6	38
54	Structure of chlorobis(N-methylsalicylideneiminato)oxorhenium(V). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1982, 38, 100-104.	0.4	38

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55	Technetium(V) π -nitrido complexes of dithiocarbazic acid derivatives. Reactivity of [Tc(π -N)] ²⁺ core towards Schiff bases derived from S-methyl dithiocarbazate. Crystal structures of [S-methyl 3-(2-hydroxyphenylmethylene)dithiocarbazato]nitrido(triphenylphosphine)technetium(V) and bis(S-methyl 3-isopropylidenedithiocarbazato)nitridotechnetium(V). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, 1749-1749.	1.1	38
56	Out-of-plane deformation pathways of the R(X=C)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.	2.9	38
57	An asymmetric synthesis of β -lactams: on the use of chiral oxazolidones in the Kinugasa reaction. <i>Tetrahedron Letters</i> , 2002, 43, 5499-5501.	0.7	38
58	Double- π -CO ₃ ²⁻ Centered [Co ^{II}] ₅ Wheel and Modeling of Its Magnetic Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 13825-13833.	1.7	38
59	Tridentate [N,N,O] Schiff-base group 4 metal complexes: Synthesis, structural characterization and reactivity in olefin polymerization. <i>Journal of Molecular Catalysis A</i> , 2006, 258, 275-283.	4.8	37
60	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> , 2009, 15, 13417-13426.	1.7	37
61	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> , 2012, 68, 208-213.	1.0	37
62	Equilibrium and kinetic studies of (2,2',6'-terpyridine)gold(III) complexes. Preparation and crystal structure of [Au(terpy)(OH)][ClO ₄] ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 677-682.	1.1	36
63	Dihydropyridine C-Glycoconjugates by Hantzsch Cyclocondensation. Synthesis of a C(6)-Glycosylated Nifedipine Analogue. <i>Helvetica Chimica Acta</i> , 2002, 85, 3331-3348.	1.0	36
64	Influence of steric and electronic factors in the stabilization of five-coordinate ethylene complexes of platinum(II): X-ray crystal structure of [PtCl ₂ (2,9-dimethyl-1,10-phenanthroline-5,6-dione)]. <i>Inorganica Chimica Acta</i> , 2004, 357, 149-158.	1.2	36
65	π -Bond cooperativity and anticooperativity effects in resonance-assisted hydrogen bonds (RAHBs). <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 850-863.	1.8	36
66	Coordination induced fluorescence enhancement and construction of a Zn ₃ constellation through hydrolysis of ligandimine arms. <i>Dalton Transactions</i> , 2012, 41, 1889-1896.	1.6	36
67	Reactivity of 2-(2-hydroxyphenyl)benzothiazoline with the oxotetrahalo-metalate(V) complexes [MOX ₄]- (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> , 1988, 27, 4208-4212.	1.9	35
68	Intramolecular N-H...O hydrogen bonding assisted by resonance. III. Structural studies of 1-ketone-2-arylhydrazones derivatives. <i>Acta Crystallographica Section B: Structural Science</i> , 1994, 50, 617-625.	1.8	35
69	Chemical Synthesis of Linear and Cyclic Unnatural Oligosaccharides by Iterative Glycosidation of Ketoses. <i>Chemistry - A European Journal</i> , 2001, 7, 1371-1382.	1.7	35
70	A New and Expedient Diastereoselective Synthesis of β -(Hydroxyamino)phosphonates and β -Aminophosphonates by Silyl Triflate Promoted Diethyl Phosphite Addition to Chiral N-Benzyl Nitrones. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1904-1914.	1.2	35
71	Synthesis and AC_{50} activity of β -substituted 2-phenyl-3-hydroxy-4(1H)-quinolinones-7-carboxylic acids and their phenacyl esters. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 467-474.	2.6	35
72	Heteroscorpionate-Based Co ²⁺ , Zn ²⁺ , and Cu ²⁺ Complexes: Coordination Behavior, Aerobic Oxidation, and Hydrogen Sulfide Detection. <i>Inorganic Chemistry</i> , 2011, 50, 900-910.	1.9	35

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73	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.	2.3	34
74	Competitive coordination aggregation for V-shaped [Co ₃] and disc-like [Co ₇] complexes: synthesis, magnetic properties and catechol oxidase activity. <i>Dalton Transactions</i> , 2016, 45, 13576-13589.	1.6	33
75	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.	1.4	32
76	Synthesis, X-ray crystal structure and vibrational spectroscopy of the acidic pyrophosphate KMg _{0.5} H ₂ P ₂ O ₇ ·H ₂ O. <i>Journal of Solid State Chemistry</i> , 2003, 176, 27-32.	1.4	32
77	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 ¹³ C-Aminohydroxamate. <i>Chemistry - A European Journal</i> , 2007, 13, 1300-1308.	1.7	32
78	Synthesis, characterization and catalytic behaviour of a palladium complex bearing a hydroxy-functionalized N-heterocyclic carbene ligand. <i>New Journal of Chemistry</i> , 2014, 38, 762-769.	1.4	32
79	Synthesis of technetium(V)-nitrido complexes with chelating amines: a novel class of monocationic, octahedral complexes containing the [Tc(N)(en)2Cl] ⁺ core. Crystal structures of [Tc(N)(en)2Cl] ⁺ (en = 1,2-ethylenediamine). <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 2091-2096.	1.9	31
80	Synthesis and characterization of square-planar platinum(II) and palladium(II) complexes with pyridine-2,6-dicarboxylic acid (H ₂ dipic). X-ray crystal structure of trans-Na ₂ [Pt(dipic)2]·6H ₂ O and K[Pt(dipic)]·1/2H ₂ O. <i>Inorganica Chimica Acta</i> , 1991, 185, 201-210.	1.2	31
81	X-ray Diffraction, UV Photoelectron, and Ab Initio Study of Intramolecular Interactions in .beta.-Carbonyl Sulfones. <i>The Journal of Physical Chemistry</i> , 1995, 99, 15011-15017.	2.9	31
82	Benzene fused monocyclic enediynyl amides: synthesis, reactivity and DNA-Cleavage activity in comparison to the corresponding sulfonamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 873-877.	1.0	31
83	Tautomerism and hydrogen bonding in reaction products from 4-aminopent-3-en-2-one and diazonium ions. <i>Journal of Molecular Structure</i> , 2002, 642, 41-51.	1.8	31
84	A novel [CuII ₄] cluster from the assembly of two [CuII ₂ L] ⁺ units by a central μ ₄ -1,1,2,2 perchlorate ligand. <i>Dalton Transactions</i> , 2008, , 861-864.	1.6	31
85	Probing the Relevance of NHC Ligand Conformations in the Ru ^{II} -Catalysed Ring-Closing Metathesis Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 10492-10496.	1.7	31
86	Novel Olefin Metathesis Ruthenium Catalysts Bearing Backbone-Substituted Unsymmetrical NHC Ligands. <i>Organometallics</i> , 2014, 33, 5932-5935.	1.1	31
87	Ruthenium olefin metathesis catalysts featuring unsymmetrical N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2016, 45, 561-571.	1.6	31
88	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> , 1992, , 1127-1132.	0.9	30
89	Hydrogen-bonded supramolecular structures in co-crystals of ¹² - or ¹⁷ -diketone enols with 2,6-diaminopyridine or 2,4-diaminopyrimidine. <i>New Journal of Chemistry</i> , 2002, 26, 1559-1566.	1.4	30
90	Enantioselective inclusion in bile acids: resolution of cyclic ketones. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1479-1483.	1.8	29

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91	Synthesis of Heterocyclic Ligands by Diheterocyclization at the Rhenium(I) Allenylidene [(triphos)(CO)2Re{CCCPh2}](OSO2CF3). 1. Reactivity with Dipolar N,N-Heterocycles. <i>Organometallics</i> , 2006, 25, 416-426.	1.1	29
92	Organometallic sulfur complexes: reactivity of the hydrogen sulfide anion with cobaloximes. <i>New Journal of Chemistry</i> , 2015, 39, 4093-4099.	1.4	29
93	Template Synthesis of Chiral Vicinal Diphosphinites as Their PtII and PdII Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 918-925.	1.0	28
94	Synthesis, NMR spectra and X-ray data of chloro and dichloro derivatives of 3- α -hydroxy-2-phenylquinolin-4(1 <i>H</i>)-ones and their cytostatic activity. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 375-379.	1.4	28
95	The synthesis of chiral β^2 -ketosulfoxides by enantioselective oxidation and their stereocontrolled reduction to β^2 -hydroxysulfoxides. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 223-229.	1.8	28
96	Allyl Amination of Phosphinoquinoline Allyl Complexes of Palladium. Influence of the Allyl Hapticity on the Reaction Rate and Regiochemistry. <i>Organometallics</i> , 2010, 29, 3027-3038.	1.1	28
97	Porphyrin-cobaloxime dyads for photoinduced hydrogen production: investigation of the primary photochemical process. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1749-1753.	1.6	28
98	Molecular structure and linkage isomerism of cis-[Ru(bipy)2{trans-Cr(cyclam)(CN)2}2]4+ (bipy =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0</i> <i>Transactions</i> , 1994, , 2391-2395.	1.1	27
99	Self-assembly of NH-pyrazoles via intermolecular N-H...N hydrogen bonds. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 985-993.	1.8	27
100	Nucleophilic addition of phosphines to rhenium allenylidenes. Unprecedented double P-H bond activation to give an β -P-phospha-1-butadienyl ligand. <i>Dalton Transactions</i> , 2003, , 4121-4131.	1.6	27
101	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.	1.4	27
102	Aqua bridged Cu ₂ dimer of a heptadentate N ₄ O ₃ coordinating ligand: Synthesis, structure and magnetic properties. <i>Polyhedron</i> , 2009, 28, 987-993.	1.0	27
103	Crystal Chemistry and Prototropic Tautomerism in 2-(1-Iminoalkyl)-phenols (or naphthols) and 2-Diazenyl-phenols (or naphthols). <i>Current Organic Chemistry</i> , 2009, 13, 250-268.	0.9	27
104	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.	0.4	26
105	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) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 T</i> <i>Transactions</i> , 1988, 1265-1271.	1.1	26
106	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.	1.0	26
107	Some New Routes for the Preparation of 3-Amino-2-phenyl-4(1H)-quinolinones from Anthranilamides. <i>Journal of Organic Chemistry</i> , 2006, 71, 819-822.	1.7	26
108	Novel 5-(4-Substituted-phenyldiazenyl)-1,3,2,4-oxazaborines and Their Rearrangement to 1,2,4,3-Triazaborines. <i>Organometallics</i> , 2006, 25, 2025-2030.	1.1	26

#	ARTICLE	IF	CITATIONS
109	The interaction between heteroditopic pyridine- π -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- π -alkyne mixed intermediate as a consequence of the ligands hemilability. <i>Inorganica Chimica Acta</i> , 2012, 390, 105-118.	1.2	26
110	Synthesis and structure of an amino sugar Schiff base complex of technetium(V) containing salicylaldehyde in an unusual coordination mode. <i>Inorganic Chemistry</i> , 1987, 26, 2182-2186.	1.9	25
111	Structure of an $\hat{1}\pm, \hat{1}^2$ -unsaturated dipeptide, racemic N-[(phenylmethoxy)carbonyl]phenylalanyl- $\hat{1}^2$ -phenylalanine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987, 43, 1403-1406.	0.4	25
112	Crystal structure of new hexahydrate dicobalt pyrophosphate $\text{Co}_2\text{P}_2\text{O}_7 \cdot 6\text{H}_2\text{O}$: comparison with $\text{Co}_2\text{P}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$, $\hat{1}\pm$, $\hat{1}^2$ - and $\hat{1}^3$ - $\text{Co}_2\text{P}_2\text{O}_7$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2003, 218, .	0.4	25
113	Structure and tautomerism of azo coupling products from N-alkylenaminones derived from acetylacetone and benzoylacetone in solid phase and in solution. <i>New Journal of Chemistry</i> , 2007, 31, 429-438.	1.4	25
114	Synthesis, characterization, TDDFT calculation and biological activity of tetradentate ligand based square pyramidal $\text{Cu}(\text{scp})_2$ complexes. <i>RSC Advances</i> , 2015, 5, 67727-67737.	1.7	25
115	One-Pot, Four-Step Organocatalytic Asymmetric Synthesis of Functionalized Nitrocyclopropanes. <i>Journal of Organic Chemistry</i> , 2015, 80, 9176-9184.	1.7	25
116	The structure of dicarbonyl($\hat{1}^4$ -cinnamaldehyde)(triphenylphosphine)iron(0). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1980, 36, 1061-1065.	0.4	24
117	Reaction of the technetium(I)carbonyl complexes $[\text{Tc}(\text{PMe}_2\text{Ph})_3(\text{CO})_2\text{Cl}]$ and $[\text{Tc}(\text{PPh}_3)_2(\text{CO})_3\text{Cl}]$ toward pseudo-allyl ligands such as triazenido, formamidinato, and acetamidinato. Crystal structures of $[\text{Tc}(\text{PMe}_2\text{Ph})_2(\text{CO})_2(\text{p-CH}_3\text{C}_6\text{H}_4\text{N:N:NC}_6\text{H}_4\text{CH}_3\text{-p})]$ and $[\text{Tc}(\text{PMe}_2\text{Ph})_2(\text{CO})_2(\text{C}_6\text{H}_5\text{N:C}(\text{CH}_3)\text{:NC}_6\text{H}_5)]$. <i>Inorganic Chemistry</i> , 1985, 24, 4744-4748.	1.9	24
118	The crystal structure of the adduct $3\text{NaI} \cdot 2\text{Sucrose} \cdot 3\text{H}_2\text{O}$. <i>Carbohydrate Research</i> , 1989, 191, 91-104.	1.1	24
119	Re-determination of the crystal structure of $\text{NaBr} \cdot \text{Sucrose} \cdot 2\text{H}_2\text{O}$. <i>Carbohydrate Research</i> , 1989, 191, 105-116.	1.1	24
120	Complexes of Tcvand TcIIIwith 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> , 1990, , 1411-1416.	1.1	24
121	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.	0.9	24
122	Three-Component Staudinger-Type Stereoselective Synthesis of C-Glycosyl- $\hat{1}^2$ -lactams and their Use as Precursors for C-Glycosyl Isoserines and Dipeptides. A Polymer-Assisted Solution-Phase Approach. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1355-1360.	2.1	24
123	Metallacrowns of Ni(II) with $\hat{1}\pm$ -aminohydroxamic acids in aqueous solution: beyond a 12-MC-4, an unexpected (vacant?) 15-MC-5. <i>Dalton Transactions</i> , 2011, 40, 2491-2501.	1.6	24
124	A new bicyclic oxazaborines with a bridged nitrogen atom, their thermic rearrangement and fluorescence properties. <i>Journal of Organometallic Chemistry</i> , 2012, 699, 75-81.	0.8	24
125	Rhenium(V) and Technetium(V) Nitrido Complexes with Mixed Tridentate $\hat{1}\pi$ -Donor and Monodentate $\hat{1}\pi$ -Acceptor Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 3130-3137.	1.9	24
126	Pd(II)- π -N-heterocyclic carbene complexes of 2,6-bis{N-methyl-(imidazolium/benzimidazolium)}pyrazinechloride: Synthesis, structure, catalysis and theoretical studies. <i>Inorganica Chimica Acta</i> , 2012, 383, 83-90.	1.2	24

#	ARTICLE	IF	CITATIONS
127	The crystal and molecular structure of 7-chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one (oxazepam). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1978, 34, 2826-2829.	0.4	23
128	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.	2.3	23
129	Baker's yeast-mediated reduction of ethyl 2-(4-chlorophenoxy)-3-oxoalkanoates intermediates for potential PPAR ligands. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3501-3510.	1.8	23
130	Rhenium(III) and technetium(III) complexes with 2-mercapto-1,3-azole ligands and X-ray crystal structures. <i>Inorganica Chimica Acta</i> , 2005, 358, 352-362.	1.2	23
131	Self-assembly of a [Ni ₈] carbonate cube incorporating four ¼-carbonato linkers through fixation of atmospheric CO ₂ by ligated [Ni ₂] complexes. <i>Dalton Transactions</i> , 2014, 43, 1970-1973.	1.6	23
132	Technetium(V) and rhenium(V) complexes of biguanide derivatives. Crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1937-1944.	1.1	22
133	Ligand dependent self-assembly of hydroxido-bridged dicopper units templated by sodium ion. <i>Dalton Transactions</i> , 2013, 42, 12495.	1.6	22
134	An X-ray crystallographic study on the geometry of the C-N-O group and the [1,5] sigmatropic rearrangement from C-nitroso compounds to oximes. <i>Acta Crystallographica Section B: Structural Science</i> , 1983, 39, 450-456.	1.8	21
135	Nitrido-technetium and -rhenium complexes with chelating phosphines: synthesis, reactivity and crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1281.	1.1	21
136	Tunable stereoselectivity in the addition of 2-lithiothiazole to L-serinal derived N-benzyl nitroes. Synthesis of C-2 epimer 2,3-diamino-4-hydroxybutanals. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1731.	2.0	21
137	Triphos as a bidentate ligand: the reactivity of the dangling phosphorus in [PtMe ₂ (triphos-P, Pâ€²)]. <i>Inorganica Chimica Acta</i> , 2002, 333, 116-123.	1.2	21
138	1,3-Cycloaddition of pyrazole to the allenylidene ligand in [Re{C≡...C≡...CPh ₂ }(CO) ₂ {MeC(CH ₂ PPh ₂) ₃ }] ⁺ . <i>Inorganica Chimica Acta</i> , 2003, 344, 207-213.	1.2	21
139	An NMR and X-ray study of the structure of the azo coupling product of 4-dimethylaminopent-3-en-2-one and benzenediazonium-tetrafluoroborate. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3250-3256.	1.5	21
140	Effect of Remote Trigonal Carbons on the Kinetics of Bergman Cyclization: Synthesis and Chemical Reactivity of Pyridazinedione-Based Eneidyne. <i>Journal of Organic Chemistry</i> , 2004, 69, 6927-6930.	1.7	21
141	Interplay between steric and electronic factors in determining the strength of intramolecular Nâ€”H...O resonance-assisted hydrogen bonds in ¹ 2-enaminones. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 1112-1120.	1.8	21
142	A ketone oximate based cyclic cationic [NiII ₄] inverse metallacrown from simultaneous chelation and bridging of two ligands. <i>Dalton Transactions</i> , 2007, , 1989.	1.6	21
143	Synthesis and Mechanism of Formation of Novel NHCâ€”NAC Bis-Carbene Complexes of Gold(I). <i>Organometallics</i> , 2011, 30, 875-883.	1.1	21
144	Synthesis and Separation of the Enantiomers of the Neuropeptide S Receptor Antagonist (9 <i>R</i> ,3 <i>S</i>)-3-Oxo-1,1-diphenyl-tetrahydro-oxazolo[3,4- <i>a</i>]pyrazine-7-carboxylic Acid 4-Fluoro-benzylamide (SHA 68). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2738-2744.	2.9	21

#	ARTICLE	IF	CITATIONS
145	Cytotoxicity of silver(<i>scpi</i>), gold(<i>scpi</i>) and gold(<i>scpii</i>) complexes of a pyridine wingtip substituted annelated N-heterocyclic carbene. RSC Advances, 2014, 4, 60776-60784.	1.7	21
146	Synthesis and characterization of palladacyclopentadiene complexes with N-heterocyclic carbene ligands. Journal of Organometallic Chemistry, 2015, 794, 288-300.	0.8	21
147	DNA/protein binding and magnetic properties of a 1D Cu(II) complex containing fumarate and tridentate Schiff base ligands. Polyhedron, 2016, 119, 460-470.	1.0	21
148	Dinuclear nickel complexes of divergent Ni ²⁺ Ni separation showing ancillary ligand addition and bio-macromolecular interaction. New Journal of Chemistry, 2016, 40, 2268-2279.	1.4	21
149	Pyrazolo[4,3-d]pyrimidine nucleosides. Synthesis and antiviral activity of 1-β-D-ribofuranosyl-3-methyl-6-substituted-7H-pyrazolo[4,3-d]pyrimidin-7-ones. Journal of Medicinal Chemistry, 1984, 27, 986-990.	2.9	20
150	Enantioselective reactions of 2-bromopropanamides with primary secondary or tertiary amines. Synthesis of some alaninamides.. Tetrahedron: Asymmetry, 1991, 2, 1111-1121.	1.8	20
151	Stereoselective Substitution in 2-Bromo Amides in the Presence of Ag ⁺ or Ag ₂ O. Journal of Organic Chemistry, 1995, 60, 4013-4016.	1.7	20
152	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. Acta Crystallographica Section B: Structural Science, 1996, 52, 509-518.	1.8	20
153	A new simple route for the synthesis of (±)-2-azetidiones starting from \hat{I}^2 -Enaminoketoesters. Tetrahedron Letters, 1999, 40, 6995-6998.	0.7	20
154	Two new ammonium diphosphates: crystal structure of Mn _{0.5} NH ₄ H ₂ P ₂ O ₇ ·H ₂ O and MnNaNH ₄ P ₂ O ₇ ·3H ₂ O. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, 93-98.	0.4	20
155	Synthesis of C-glycosyl \hat{I}^2 -amino acids by asymmetric Mannich-type three-component reactions. Tetrahedron Letters, 2004, 45, 2381-2384.	0.7	20
156	Synthesis, characterization and reactivity of new complexes of titanium and zirconium containing a potential tridentate amidinato-cyclopentadienyl ligand. Dalton Transactions, 2007, , 5179.	1.6	20
157	Synthesis and cytotoxic characteristics displayed by a series of Ag(<i>scpi</i>), Au(<i>scpi</i>)- and Au(<i>scpii</i>)-complexes supported by a common N-heterocyclic carbene. New Journal of Chemistry, 2018, 42, 13948-13956.	1.4	20
158	Crystal structures and properties of [Au(phen){(CN) _{0.92} Br _{0.08} }] ₂ Br and [Au(phen)(CN){(CN) _{0.82} Br _{0.18} }]·0.5trans-[Au(CN) ₂ Br ₂]·0.5Br·phen (phen = 1,10-phenanthroline) obtained by disproportionation of five-co-ordinate bromodicyano(1,10-phenanthroline)gold(III). Two examples of secondary co-ordination and CN/Br disorder in square-planar gold(III) complexes. Journal of the Chemical Society Dalton Transactions, 1987, , 2235-2240.	1.1	19
159	Electronic interactions in 2-(ethylsulphonyl) ketones studied by ultraviolet photoelectron spectroscopy. Journal of the Chemical Society Perkin Transactions II, 1991, , 1195.	0.9	19
160	Crystal structure and spectroscopic analyses of guanylurea hydrochloride. Evidence of the influence of hydrogen bonding on the π -electron delocalization. Journal of the Chemical Society Perkin Transactions II, 1991, , 1619-1624.	0.9	19
161	Crystal structure and vibrational spectroscopy of the new acidic diphosphate (NH ₄) ₂ Zn(H ₂ P ₂ O ₇) ₂ · 2 H ₂ O. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, 25-30.	0.4	19
162	Solution and solid state structure and tautomerism of azo coupled enaminone derivatives of benzoylacetone. Organic and Biomolecular Chemistry, 2005, 3, 1217-1226.	1.5	19

#	ARTICLE	IF	CITATIONS
163	Self-assemblies of chiral p-haloaryl sulfoxides through C ^{δ+} -H ^{δ-} O short contacts and halogen involving interactions. <i>New Journal of Chemistry</i> , 2006, 30, 1782-1789.	1.4	19
164	Straightforward access to oxazaborines, diazaborinones and triazaborines by reactions of β^2 -enaminoamides with 4-methylbenzenediazonium tetraphenylborate. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 63-71.	0.8	19
165	Tridentate Schiff base coordinated trigonal bipyramidal / square pyramidal copper(II) complexes: Synthesis, crystal structure, DFT / TD-DFT calculation, catecholase activity and DNA binding. <i>Journal of Molecular Structure</i> , 2019, 1189, 94-101.	1.8	19
166	The structure of trans-dibromooxo(N-phenylsalicylideneiminato)(triphenylphosphine)rhenium(V). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1982, 38, 426-429.	0.4	18
167	Structure of bromodicyano(2,2':6',2''-terpyridine)gold(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 814-817.	0.4	18
168	Crystal structure of cationic square planar platinum(II) complexes containing the tridentate chelate ligand 2,6-bis(methylthiomethyl)pyridine. <i>Polyhedron</i> , 1993, 12, 1669-1673.	1.0	18
169	Crystal structure of square-planar [1,2-bis(phenylsulfanyl)ethane]dihalogenoplatinum(II) complexes: cis-chelate effect and mutual trans influence. <i>Inorganica Chimica Acta</i> , 1995, 234, 173-179.	1.2	18
170	The Construction of P ^{δ+} O/P ^{δ-} N Ligands on Platinum and Palladium. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1277-1284.	1.0	18
171	New Zinc Complexes bearing β^2 -Heteroscorpionate Ligands: Influence of Second-Sphere Bonding Interactions on Reactivity and Properties. <i>Inorganic Chemistry</i> , 2009, 48, 9510-9518.	1.9	18
172	Unexpected reactivity of diaryl β^2 -diketones with thiazolium carbenes: discovery of a novel multicomponent reaction for the facile synthesis of 1,4-thiazin-3-ones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6579.	1.5	18
173	Synthetic strategy of difluorophosphate-bridged bimetallic N-heterocyclic carbene complexes: Synthesis, structures and photoluminescence of picolyl-substituted alkylbenzimidazolylidene ligands. <i>Inorganica Chimica Acta</i> , 2012, 384, 239-246.	1.2	18
174	Dinuclear and heptanuclear nickel(II) complexes: Anion coordination induced ligand arm hydrolysis and aggregation around a nickel(II) core. <i>Polyhedron</i> , 2013, 53, 32-39.	1.0	18
175	Five-co-ordinated gold(III) complexes. Part 1. Synthesis, structure, and properties of bromodicyano(1,10-phenanthroline)gold(III) β^2 -dimethylformamide (1/1). <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 1941-1944.	1.1	17
176	Bis(8-hydroxyquinolino)platinum 7,7,8,8-tetracyanoquinodimethane, Pt(QNL)2 β^2 -TCNQ. Synthesis, structure and spectroscopic properties. <i>Inorganica Chimica Acta</i> , 1987, 126, 151-155.	1.2	17
177	Stereochemistry of benzodiazepine receptor ligands. Possible role of C ^{δ+} -H ^{δ-} β^2 X interactions in drug β^2 -receptor binding and crystal structures of CL218 β^2 -872, Zopiclone and DMCM. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 283-289.	0.9	17
178	Reactivity of the rhenium(V) β^2 -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.	1.1	17
179	Rhenium(III) and rhenium(V) complexes stabilized by the potentially tetradentate ligand tris(2-diphenylphosphinoethyl)amine. <i>Inorganica Chimica Acta</i> , 2002, 327, 140-146.	1.2	17
180	Diastereo- and enantioselective bioreduction of ethyl 2-(4-chlorophenoxy)-3-oxobutanoate clofibrate analogues by <i>Kluyveromyces marxianus</i> and other whole cell biocatalysts. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3511-3517.	1.8	17

#	ARTICLE	IF	CITATIONS
181	Synthesis, characterisation and molecular structure of Re(III) 2-oxacyclocarbenes stabilised by a benzoyldiazenido ligand. Dalton Transactions, 2004, , 713.	1.6	17
182	Photochemistry of trans- and cis-[RuCl ₂ (dmsO) ₄] in Aqueous and Nonaqueous Solutions. European Journal of Inorganic Chemistry, 2007, 2007, 2353-2359.	1.0	17
183	New Coordination Modes of L-Ascorbic Acid and Dehydro-L-ascorbic Acid as Dianionic Chelating Ligand for Platinum. European Journal of Inorganic Chemistry, 2008, 2008, 529-537.	1.0	17
184	Synthesis of novel palladium allyl complexes bearing heteroditopic NHC-S ligands. Kinetic study on the carbene exchange between bis-carbene palladium allyl complexes. Journal of Organometallic Chemistry, 2013, 732, 27-39.	0.8	17
185	Bis-chelated-(3-methoxy-2-oxo-benzaldehyde)-copper(II) complex: Synthesis, crystal structure, fluorescence property, DFT calculation, and catecholase activity. Polyhedron, 2015, 88, 101-109.	1.0	17
186	Structural and magnetic characterization of three tetranuclear Cu(II) complexes with face-sharing-dicubane/double-open-cubane like core framework. Journal of Solid State Chemistry, 2017, 249, 29-38.	1.4	17
187	<i>p</i> -Toluate-bridged dinuclear Cu(II) complexes in combination with tridentate chelating ligand: Crystal structure, density functional theory calculation, DNA/protein binding and catecholase activity. Applied Organometallic Chemistry, 2018, 32, e4506.	1.7	17
188	A Concerted Study Using Binding Measurements, X-ray Structural Data, and Molecular Modeling on the Stereochemical Features Responsible for the Affinity of 6-Arylpyrrolo[2,1-d][1,5]benzothiazepines toward Mitochondrial Benzodiazepine Receptors. Journal of Medicinal Chemistry, 1995, 38, 4730-4738.	2.9	16
189	Platinum assisted cyclization of S-methyl 3-acyl-2-methyldithiocarbazates under mild conditions. Crystal structure of [Pt ₂ (η^4 -SMe)(terpy) ₂][ClO ₄] ₃ . Journal of the Chemical Society Dalton Transactions, 1999, , 3877-3882.	1.1	16
190	A new simple route for the synthesis of (Δ)-2-azetidiones starting from β^2 -enaminoketoesters. Tetrahedron, 2001, 57, 10155-10161.	1.0	16
191	Self-immobilizing Precatalysts: Norbornene-bridged Zirconium <i>ansa</i> Metallocenes. Advanced Synthesis and Catalysis, 2008, 350, 1544-1556.	2.1	16
192	The role of the ionic radius in the ethylene polymerization catalyzed by new group 3 and lanthanide scorpionate complexes. Journal of Molecular Catalysis A, 2010, 317, 54-60.	4.8	16
193	Cycloadditions with heterocycles. Reactions of tert-butylcyanoketene with 2-(dimethylamino)thiazoles. Journal of Organic Chemistry, 1980, 45, 621-626.	1.7	15
194	The Relative Coordinating Ability of Some Weak O-Donor Anions and Water Towards the [Pt(terpy)] ²⁺ (terpy = 2,2',6',6''-terpyridine) Center - X-ray Crystal Structures of [Pt(terpy)(H ₂ O)](CF ₃ SO ₃) ₂ and [Pt(η^4 -OH)(terpy) ₂](PF ₆) ₂ (CF ₃ SO ₃). European Journal of Inorganic Chemistry, 2007, 2007, 5743-5751.	1.0	15
195	Facile and Straightforward Method Leading to Substituted 4-Amino-1-arylpyrazoles. Synthesis, 2008, 2008, 1761-1766.	1.2	15
196	Synthesis and Reactivity of Mixed-Ligand Palladium(II) Organometallic Complexes with Phosphites and Bis(pyrazol-1-yl)methane. Organometallics, 2009, 28, 3247-3255.	1.1	15
197	Insertion of Isocyanides across the Pd-C Bond of Phosphinoquinoline Allyl Palladium Complexes Bearing η^1 - and η^3 -Coordinated Allyl Groups. A Synthetic and Mechanistic Study. Organometallics, 2014, 33, 1700-1709.	1.1	15
198	Isoelectronic Pt(II) and Au(III)-N-heterocyclic carbene complexes: a structural and biological comparison. New Journal of Chemistry, 2018, 42, 10704-10711.	1.4	15

#	ARTICLE	IF	CITATIONS
199	Aluminum chloride catalyzed oligomerization of ketene imines and incorporation of carbon dioxide in an open-chain dimer. <i>Journal of Organic Chemistry</i> , 1984, 49, 2200-2204.	1.7	14
200	Nitrido- and oxo-technetium(V) chelate complexes with N2S2 ligands: synthesis and crystal structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1485.	1.1	14
201	Formation of Pyridazinium Salts by Azo Coupling of N-Substituted 3-Amino-1-phenylbut-2-en-1-ones and Diazonium Salts. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 5055-5063.	1.2	14
202	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. <i>Inorganica Chimica Acta</i> , 2005, 358, 363-375.	1.2	14
203	Hydrogen-bonded aggregations of oxo-cholic acids. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 346-356.	1.8	14
204	Inclusion of cyclic carbonates by a cholic acid host: structure and enantioselection. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 308-312.	1.8	14
205	New Water-soluble Rhenium Complexes with 1,3,5-triaza-7-phosphaadamantane (PTA) and 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, 2670-2678.	1.0	14
206	Azido, Cyanato, and Thiocyanato Coordination Induced Distortions in Pentacoordinated [Co ^{II} (bip)] ₂ (A = NCS ⁻ , N ₃ ⁻ , or Tj ETQq0.0.0rgBT/Overlock 10	1.0	14
207	New PTA (1,3,5-triaza 7-phosphaadamantane) derivatives associating zwitterionic structure and coordinative ability. <i>Inorganica Chimica Acta</i> , 2013, 398, 11-18.	1.2	14
208	Helical metal cage of silver(I) and mercury(II)-N-heterocyclic carbene complexes of 1,4-phenylene-bis{imidazo[1,5-a]pyridine-4-iumhexafluorophosphate}. <i>Journal of Molecular Structure</i> , 2013, 1049, 458-463.	1.8	14
209	Anion coordination directed synthesis patterns for [Ni ₄] aggregates: structural changes for thiocyanate coordination and ligand arm hydrolysis. <i>New Journal of Chemistry</i> , 2018, 42, 16717-16728.	1.4	14
210	Tridentate Schiff base and 4,4'-bipyridine coordinated di/polynuclear Cu (II) complexes: Synthesis, crystal structure, DNA/protein binding and catecholase activity. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5424.	1.7	14
211	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.	6.6	13
212	Preparation, solution behaviour and X-ray crystal structure of [PtOTf(triphos)]OTf. <i>Inorganic Chemistry Communication</i> , 2000, 3, 303-306.	1.8	13
213	Structure and Reactivity of 3,3-Disubstituted 1-(5-Nitro-2,1-benzisothiazol-3-yl)triazenes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4413-4421.	1.2	13
214	Chelate polypyridine ligand rearrangement in Au(III) complexes. <i>Transition Metal Chemistry</i> , 2008, 33, 649-654.	0.7	13
215	Diastereoselective nitrocyclopropanation of 2,5-dihydrothiophene-3-carbaldehydes. <i>Tetrahedron Letters</i> , 2013, 54, 283-286.	0.7	13
216	A dodecanuclear copper(ⁱⁱ) cage self-assembled from six dicopper building units. <i>Dalton Transactions</i> , 2014, 43, 4076-4085.	1.6	13

#	ARTICLE	IF	CITATIONS
217	Two types of nitrito support for μ_4 -oxido-bridged $[\text{Cu}_4]$ complexes: synthesis, crystal structures, magnetic properties and DFT analysis. <i>Dalton Transactions</i> , 2015, 44, 6107-6117.	1.6	13
218	DNA/protein binding and molecular docking studies of two tetranuclear Cu(II) complexes with double-open-cubane core like structure. <i>Inorganica Chimica Acta</i> , 2019, 495, 119005.	1.2	13
219	7-Chloro-2,3-dihydro-1-methyl-5-phenyl-1H-1,4-benzodiazepine (medazepam). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1978, 34, 3793-3795.	0.4	12
220	Stereoselective Synthesis of N,N' -Diaryl-2,5-dioxopiperazines from Homochiral or Racemic 2-Bromopropananilides. <i>Journal of Organic Chemistry</i> , 1996, 61, 1252-1255.	1.7	12
221	Co-ordination chemistry of <i>S</i> -methyl 2-methyldithiocarbamate and formation of $[\text{M}(\text{N})_2]^+$ ($M = \text{Tc}$ or Re) species. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3105-3109.	1.1	12
222	Synthesis, NMR and X-ray characterisation of 6-substituted 4-amino-5-aryldiazenyl-1-arylpyridazinium salts. <i>Tetrahedron</i> , 2005, 61, 8130-8137.	1.0	12
223	A novel azetidiny β^3 -lactam based peptide with a preference for β^2 -turn conformation. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 4050.	1.5	12
224	Preparation and characterization of some keto-bile acid azines. <i>Steroids</i> , 2007, 72, 756-764.	0.8	12
225	Adducts of TCNQ with Neutral Nitrogen Bases. Their Rationalization in Terms of Intermolecular Charge-Transfer (CT) or Electron Donor-Acceptor (EDA) Interactions. <i>Crystal Growth and Design</i> , 2012, 12, 4758-4770.	1.4	12
226	Low valent palladium benzoquinone complexes bearing different spectator ligands. The versatile coordinative capability of benzoquinone. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 379-386.	0.8	12
227	Oxidative addition of organic halides on palladium(0) complexes stabilized by dimethylfumarate and quinoline-based N -P or N -S spectator ligands. <i>Polyhedron</i> , 2015, 102, 94-102.	1.0	12
228	Hydroxido-Supported and Carboxylato Bridge-Driven Aggregation for Discrete $[\text{Ni}_4]$ and Interconnected $[\text{Ni}_2]_n$ Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 10783-10792.	1.9	12
229	Trapping of a Methanoato Bridge in μ_4 Mode for $[\text{Cu}_4]$ Aggregate Formation: Synthesis, Steric Control on Nuclearity, Antimicrobial Activity, and DNA-Interaction Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 769-779.	1.0	12
230	Stable ruthenium olefin metathesis catalysts bearing symmetrical NHC ligands with primary and secondary <i>N</i> -alkyl groups. <i>Dalton Transactions</i> , 2018, 47, 6615-6627.	1.6	12
231	Crystal structure of <i>trans</i> -dicarbonylbis(dimethylphenylphosphine)(<i>N</i> -phenylsalicylideneaminato)rhenium(II) and <i>mer</i> -trichloro(dimethylphenylphosphine)(<i>N</i> -phenylsalicylideneaminato)rhenium(IV). Comparison of Re I, Re III, Re IV, and Re V complexes with the salicylideneaminato ligand and reaction mechanisms. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 613.	1.1	11
232	Structure and crystal packing of the antibacterial drug 1-[(5-nitro-2-furanyl)methylene]amino-2,4-imidazolidinedione (nitrofurantoin). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 741-744.	0.4	11
233	Pure enantiomers of bicyclo[3.2.0]hept-3-en-6-ones and bicyclo[3.2.0]hept-3-en-6-endo-ols: Resolution, absolute configuration and optical properties. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2319-2328.	1.8	11
234	Structure Correlation Methods in Chemical Crystallography. <i>Crystallography Reviews</i> , 1996, 5, 3-98.	0.4	11

#	ARTICLE	IF	CITATIONS
235	Interplay of hydrogen bonding and other molecular interactions in determining the crystal packing of a series of anti- β^2 -ketoarylhydrazones. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 994-1004.	1.8	11
236	Parallel β^2 -sheet assemblage in a model dipeptide: an X-ray diffraction study. <i>Perkin Transactions II RSC</i> , 2002, , 1602-1604.	1.1	11
237	Syntheses, Characterization and x-ray Structures of Gold(III) Complexes Obtained by Addition of Bases to Gold(III)(2-Pyridinecarboxaldehyde). <i>Journal of Coordination Chemistry</i> , 2003, 56, 397-406.	0.8	11
238	4-(E)-2-[3-(3-[(E)-2-(4-cyanophenyl)-1-diazenyl]perhydrobenzo[d]imidazol-1-ylmethyl)perhydrobenzo[d]imidazol-1-yl]-1-diazenylbenzoni X-ray crystal structure. <i>Journal of Chemical Crystallography</i> , 2004, 34, 175-180.	0.5	11
239	Synthesis and structure of some azo coupled cyclic β^2 -enaminones. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 330-339.	1.1	11
240	Facile synthesis and reactivity study of mixed phosphane \rightarrow isocyanide Pd(II) and Pd(0) complexes. <i>Inorganica Chimica Acta</i> , 2011, 378, 239-249.	1.2	11
241	New platinum(II) and palladium(II) quinoline-imine-pyridine, quinoline-imine-thiazole and quinoline-imine-imidazole complexes by metal-assisted condensation reactions. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2565-2575.	0.8	11
242	Solid-State $\text{H}\cdot\text{O}/\text{O}\cdot\text{N}$ Tautomerism in Resonance-Assisted 1-(Arylazo)-2-Naphthols and Its Through-Space $\pi\cdot\pi$ Perturbation in TCNQ Cocrystals. A Variable-Temperature X-ray Crystal Study. <i>Crystal Growth and Design</i> , 2013, 13, 3308-3320.	1.4	11
243	Structure of 7-chloro-2-methylamino-5-phenyl-3H-1,4-benzodiazepine 4-oxide (chlordiazepoxide). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1982, 38, 1768-1772.	0.4	10
244	Technetium and rhenium carbonyl complexes with 1,4-benzodiazepine derivatives: X-ray crystal structure. <i>Inorganica Chimica Acta</i> , 1998, 272, 267-273.	1.2	10
245	Structure and base catalysed cyclization of methyl (2,6-disubstituted-4-nitrophenylsulphonyl)ethanoates. <i>Journal of Molecular Structure</i> , 2003, 658, 33-42.	1.8	10
246	Synthesis and Pharmacology of 6-Substituted Benzotropines: A Discovery of Novel Dopamine Uptake Inhibitors Possessing Low Binding Affinity to the Dopamine Transporter. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3337-3343.	2.9	10
247	Methyl and phenyl substituent effects on the catalytic behavior of NHC ruthenium complexes. <i>RSC Advances</i> , 2016, 6, 95793-95804.	1.7	10
248	Structure of trans-trichlorobis[diethyl(phenyl)phosphine]hydroxorhenium(IV). <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1982, 38, 96-100.	0.4	9
249	Synthesis and characterization of mercury(II) complexes with 2,6-diacetylpyridine bis[N-methyl-N-(2-pyridyl)hydrazone]. X-Ray structure of chloro{2,6-diacetylpyridine bis[N-methyl-N-(2-pyridyl)hydrazone]}-mercury(II) \rightarrow hexachlorodimercurate(II)(2/1). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 915-919.	1.1	9
250	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.	1.1	9
251	A Novel Host-Guest Supramolecular Architecture of Dehydrocholic Acid in the Enantioselective Inclusion of R-(+)-Methylp-Tolyl Sulfoxide. <i>Chemistry Letters</i> , 2002, 31, 400-401.	0.7	9
252	Platinum Complexes with the Novel Ligand Diethyl [(Methylsulfinyl)-methyl]phosphonate (SMP): Solid-State Characterization of Potassium Trichloro(SMP)platinum(II) which, in Solution, Gives Dichloro(SMP)-platinum(II) and Potassium Chloride. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1710-1715.	1.0	9

#	ARTICLE	IF	CITATIONS
253	4-(E)-2-[3-(3-[(E)-2-(4-cyanophenyl)-1-diazenyl]hexahydro-1-pyrimidinylmethyl)hexahydro-1-pyrimidinyl]-1-diazenylbenzotrile; X-ray crystal structure. <i>Journal of Chemical Crystallography</i> , 2005, 35, 297-305.	0.5	9
254	Reactivity of Yttrium Quinoline-Imine-Phenoxide Complexes Towards Inter- and Intramolecular Alkyl Nucleophilic Attacks. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4126-4132.	1.0	9
255	Fluorometric sensing of thiocyanate ions and competitive binding of anions in a family of CdII complexes of a phenol based ligand showing diverse structures. <i>Polyhedron</i> , 2012, 44, 113-123.	1.0	9
256	Direct C [∞] N Coupling in an in Situ Ligand Transformation and the Self-Assembly of a Tetrametallic [Ni [∞]] ₄ Staircase. <i>Inorganic Chemistry</i> , 2015, 54, 5136-5138.	1.9	9
257	Pd(II) [∞] N-heterocyclic carbene complexes of annelated ligand: Synthesis, characterization, and catalytic activity. <i>Inorganica Chimica Acta</i> , 2015, 438, 58-63.	1.2	9
258	Synthesis and characterization of pentagonal-bipyramidal mercury(II) complexes with 2,6-diacetylpyridine bis(2 [∞] -pyridylhydrazone). X-Ray structure of [2,6-diacetylpyridine bis(2 [∞] -pyridylhydrazone)]mercury(II) tetrachloromercurate(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1479-1485.	1.1	8
259	Synthesis of spinacine and spinacine derivatives: crystal and molecular structures of Ni [∞] -hydroxymethyl spinacine and Ni [∞] -methyl spinaceamine. <i>Journal of Chemical Crystallography</i> , 1991, 27, 507-513.	0.5	8
260	Correlations between high-performance liquid chromatographic retention, X-ray structural and ¹³ C NMR spectroscopic data of flavonoid compounds. <i>Journal of Chromatography A</i> , 1992, 592, 65-73.	1.8	8
261	A Three-Dimensional Channel Supramolecular Architecture Based on 3-Amino-2-(4-dimethylaminophenyldiazenyl)-1-phenylbut-2-en-1-one and Aromatic Guests. <i>Crystal Growth and Design</i> , 2010, 10, 85-91.	1.4	8
262	Influence of coordinated ligands in a series of inorganic cobaloximes. <i>Inorganica Chimica Acta</i> , 2016, 444, 202-208.	1.2	8
263	A promising class of luminescent derivatives of Silver(I) and Gold(I) [∞] N [∞] heterocyclic carbene. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5673.	1.7	8
264	4-[(N-Benzyloxycarbonylvalyl)oxyimino]-3-methyl-1-phenyl-2-pyrazolin-5-one. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1978, 34, 2870-2872.	0.4	7
265	The structure of 2-(2,6-dimethylphenylimino)-3,3-dimethyl-4,4-diphenylthietane. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1978, 34, 3403-3407.	0.4	7
266	Cyclizine hydrochloride. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1980, 36, 1975-1977.	0.4	7
267	Crystallographic and conformational studies on histamine H1 receptor antagonists. I. Structure of carboxamine maleate. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1980, 36, 2287-2291.	0.4	7
268	On the possible role played by hydrogen bonding in benzodiazepine-receptor interactions. <i>Biochemical Pharmacology</i> , 1982, 31, 889-891.	2.0	7
269	Structure of methyl [∞] -carboline-3-carboxylate ([∞] CCM), C ₁₃ H ₁₀ N ₂ O ₂ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1984, 40, 1981-1983.	0.4	7
270	Crystal structure of bis-cationic square planar platinum(II) complexes containing the tridentate chelate ligand 2,6-bis(methylthiomethyl)pyridine and para-substituted pyridines. <i>Polyhedron</i> , 1996, 15, 2755-2761.	1.0	7

#	ARTICLE	IF	CITATIONS
271	Stereoselective synthesis of neutral and cationic 2-heterocyclically substituted propanamides. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3837-3842.	1.8	7
272	Pig liver esterase (PLE)-mediated resolution of N-substituted 4-benzoyloxy-3-carbomethoxypiperidines: a convenient preparation of 4-hydroxy- and 4-benzoyloxy-3-carbomethoxypiperidines in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4397-4405.	1.8	7
273	Reaction of caesium 4-chlorophenate and chlorohydrins from threonines: synthesis of clofibrate analogues. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 783-792.	1.8	7
274	Synthesis and characterization of copper(II) complexes containing tridentate modified amino acid ligands, [CuL(H ₂ O)(Pyz)] [L={ (3,5-di-tert-butyl-2-hydroxybenzyl)amino}acetic acid and S(=O) ₂ -(3,5-di-tert-butyl-2-hydroxy-benzylamino)-3-methyl-butiric acid; Pyz=pyrazole] and their oxidation to a copper(III) coordinated phenoxyl radical. <i>Polyhedron</i> , 2007, 26, 2574-2580.	1.0	7
275	Transmetalation between Au(I) and Sn(IV) complexes. The reaction mechanism in non-coordinating and coordinating polar solvents. <i>Inorganica Chimica Acta</i> , 2013, 404, 105-112.	1.2	7
276	The Preparation of Various New Heterocyclic Compounds via Cyclization of Substituted Derivatives of Phenacyl Esters of Hydrazonoacetic Acid. <i>Synthesis</i> , 2013, 45, 2447-2457.	1.2	7
277	A simple, enaminone-based approach to some bicyclic pyridinium tetrafluoroborates. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1463-1471.	1.3	7
278	Supramolecular hydrogen-bonding patterns of co-crystals containing the active pharmaceutical ingredient (API) phloroglucinol and <i>N</i> -heterocycles. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 326-334.	0.5	7
279	A new amido-phosphine of dichloroacetic acid as an active ligand for metals of pharmaceutical interest. Synthesis, characterization and tests of antiproliferative and pro-apoptotic activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110787.	1.5	7
280	Stereochemistry of the C(sp ²)-N(sp ³) fragment. II. Structure of (E)-N,N'-dicyclohexyl-4-morpholinecarboximidine, C ₁₇ H ₃₁ N ₃ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1985, 41, 544-546.	0.4	6
281	An efficient approach to chiral nonracemic trans- and cis-decalin scaffolds for drimane and labdane synthesis. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3223-3231.	1.8	6
282	Methyl 4-((E)-2-((3-((E)-2-(4-(methoxycarbonyl)phenyl)-1,3,4-diazepan-5-yl)oxy)propyl)oxy)-5,5-dimethylhexanoate. X-ray crystal structure. <i>Journal of Chemical Crystallography</i> , 2005, 35, 307-312.	0.5	6
283	Substituted Ring-Fused Yttrium Derivatives - X-ray Crystal Structures of [(YCl ₂ ·THF) ₂ LiCl·2THF] and [(YCl(OH)) ₆ ·2THF] (Y = 2-Phenyl-4,5,6,7,8-hexahydroazulenyl). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4104-4110.	1.0	6
284	Reaction Medium pH Dependent Existence of Mn ^{II} Bound [ON] Donor Zwitterionic Chelating Ligand and Self-Assembly of Hydroxido-Bridged Mn ^{II} Cluster. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2530-2536.	1.0	6
285	Metal catalysed reactions of $\hat{\eta}^2, \hat{\eta}^2$ -tricarbonyl derivatives with isocyanates. <i>Tetrahedron</i> , 2010, 66, 8313-8316.	1.0	6
286	Synthesis and characterization of novel gold(III) complexes with polydentate N-donor ligands based on the pyridine and triazole heterocycles. <i>Inorganic Chemistry Communication</i> , 2013, 33, 82-85.	1.8	6
287	Yttrium and lanthanide complexes of $\hat{\eta}^2$ -dialdehydes: synthesis, characterization and luminescence of coordination compounds with the conjugate base of nitromalonaldehide. <i>Dalton Transactions</i> , 2014, 43, 10120.	1.6	6
288	Synthesis and reactivity toward olefin exchange and oxidative addition of some platinum(0) olefin complexes with thioquinolines as spectator ligands. <i>Polyhedron</i> , 2017, 129, 229-239.	1.0	6

#	ARTICLE	IF	CITATIONS
289	The structure of trans-dibromooxo(N-phenylsalicylideneaminato)(triphenylphosphine)rhenium(V), form II (triclinic), [ReBr ₂ (C ₁₃ H ₁₀ NO)O{P(C ₆ H ₅) ₃ }]. Acta Crystallographica Section C: Crystal Structure Communications, 1984, 40, 968-970.	0.4	5
290	Structures of two 2-arylpyrazolo[4,3-c]quinolin-3-ones: CGS8216, C ₁₆ H ₁₁ N ₃ O, and CGS9896, C ₁₆ H ₁₀ ClN ₃ O. Acta Crystallographica Section C: Crystal Structure Communications, 1985, 41, 107-110.	0.4	5
291	Structure of trans-aquanitrido(1,4,8,11-tetraazacyclotetradecan-5-onato-N,N',N'',N''')technetium(V) chloride dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 1991, 47, 2535-2539.	0.4	5
292	4-[(4-Methylphenyl)sulfonyl]-1-(triphenylphosphoranylidene)-2-butanone as a convenient precursor for a new formal synthesis of KDO. Tetrahedron, 2002, 58, 8553-8558.	1.0	5
293	3-Benzoyl-4-hydroxyisochromen-1-one Derivatives, Their Synthesis and Synthetic Application. Heterocycles, 2006, 68, 1845.	0.4	5
294	Tautomerism in bis(oxazolines): an experimental and theoretical study of proton transfer in 1,1-bis(4,4-dimethyl-1,3-oxazolin-2-yl)-ethane. Tetrahedron Letters, 2011, 52, 3570-3574.	0.7	5
295	Diazonium Exchange and Migration of Pivaloyl Group upon Azo Coupling of β -Enaminones. European Journal of Organic Chemistry, 2013, 2013, 5683-5691.	1.2	5
296	A simple new hydrazine-free synthesis of methyl 1,4,5-trisubstituted 1H-pyrazole-3-carboxylates. Monatshefte für Chemie, 2013, 144, 1013-1019.	0.9	5
297	Reactivity studies of AlMe ₂ Cl with potentially tridentate O,N,L-type ligands. Journal of Organometallic Chemistry, 2014, 749, 174-179.	0.8	5
298	The crystal structure of 2-diphenylmethyl-4,4-diphenyl-6-methyl-4H-3,1-benzothiazine. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1977, 33, 2816-2819.	0.4	4
299	Antazoline hydrochloride. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1982, 38, 2522-2525.	0.4	4
300	Bond angles and hybridization indices in AX ₂ YZ and AX ₂ Y systems. Journal of Chemical Education, 1983, 60, 638.	1.1	4
301	4,6-Dimethoxy-1,3,5-triazin-2(1H)-one. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 149-151.	0.4	4
302	Evidence for the exo-anomeric stereoelectronic effect in cyclic orthoester aminals from X-ray structural data. Crystal structures of three 2-amino-1,3-oxazolidin-4-one derivatives. Journal of the Chemical Society Perkin Transactions II, 1990, , 2135.	0.9	4
303	Mapping of reaction pathways by structure correlation methods. A study of the ligand dissociation reaction in quasi-octahedral Re(V) and Tc(V) oxo-complexes.. Physical Chemistry Chemical Physics, 1999, 1, 2303-2309.	1.3	4
304	X-ray crystal structures of two polymorphic forms, monoclinic and triclinic, of: 1-[(E)-2-(4-bromophenyl)-1-diazenyl]-3-({3-[(E)-2-(4-bromophenyl)-1-diazenyl]-6-ethylhexahydro-1-pyrimidinyl)methyl}-5-ethylhexahydro-1-pyrimidin-2-yl)methanone. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 2005, 31, 821-828.	0.4	4
305	Unbridged Zirconium and Titanium Metallocenes with Seven- or Eight-Saturated Fused-Ring Ligands: A Route for the Synthesis of Stereoblock Polypropene. Macromolecules, 2005, 38, 7231-7240.	2.2	4
306	Hydantoins and Thiohydantoins Derived from 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid. Heterocycles, 2006, 68, 2527.	0.4	4

#	ARTICLE	IF	CITATIONS
307	Formation of $\text{L}^{\text{threonate}}$ from $\text{L}^{\text{ascorbate}}$: X-ray Crystal Structures of $[\text{Pt}(\text{threonato-O})(\text{PPh}_3)_2]$ and $[\text{Pt}(\text{oxalato})(\text{PPh}_3)_2]$. European Journal of Inorganic Chemistry, 2008, 2008, 3056-3061.	1.0	4
308	Crystal Structures of a Series of Bis{(2-Aminobenzoyl)-amino}alkanes. Journal of Chemical Crystallography, 2009, 39, 372-376.	0.5	4
309	Synthesis and characterization of novel pyridine- α -isourea complexes of Pd(II). Polyhedron, 2012, 37, 66-76.	1.0	4
310	New pharmaceutical salts containing pyridoxine. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 1064-1070.	0.2	4
311	Direct formation of new water soluble Re and Tc complexes containing PTA (1,3,5-triaza-7-phosphaadamantane) from their permethylated salts. Reactivity and X-ray crystal structures. Inorganica Chimica Acta, 2018, 470, 352-359.	1.2	4
312	Strategic synthesis of $[\text{Cu}_2]$, $[\text{Cu}_4]$ and $[\text{Cu}_5]$ complexes: inhibition and triggering of ligand arm hydrolysis and self-aggregation by chosen ancillary bridges. Dalton Transactions, 2018, 47, 17160-17176.	1.6	4
313	Pyridine and pyrimidine functionalized half-sandwich Ru(II)-N heterocyclic carbene complexes: Synthesis, structures, spectra, electrochemistry and biological studies. Journal of Molecular Structure, 2021, 1231, 129822.	1.8	4
314	Pyridine and pyrimidine functionalized half-sandwich Ru(II)-N heterocyclic carbene complexes: Synthesis, structures, spectra, electrochemistry and biological studies. Journal of Molecular Structure, 2021, 1245, 130939.	1.8	4
315	The structures of trans-dichloro(N-methylsalicylideneaminato)oxo(triphenylphosphine)rhenium(V) and cis-dichloro(N-methylsalicylideneaminato)oxo(triphenylphosphine)rhenium(V), $[\text{Re}(\text{C}_8\text{H}_8\text{NO})\text{Cl}_2\text{O}\{\text{P}(\text{C}_6\text{H}_5)_3\}]$. Acta Crystallographica Section C: Crystal Structure Communications, 1984, 40, 971-974.	0.4	3
316	Crystal structure of 5-benzoylamino-5-isopropyl-4-oxo-1,3-dioxane. Journal of Crystallographic and Spectroscopic Research, 1986, 16, 569-576.	0.3	3
317	Structure of 5-benzoylamino-5-methyl-4-oxo-1,3-dioxane. Journal of Crystallographic and Spectroscopic Research, 1986, 16, 227-232.	0.3	3
318	Phenylhydrazine-borane adduct?characterized in the solid state and in solution. Heteroatom Chemistry, 2002, 13, 366-372.	0.4	3
319	1,4,8,11-Tetra[2-aryl-1-diazenyl]-1,4,8,11-tetraazacyclotetradecanes - Synthesis, characterization, and X-ray crystallography of the first tetrakis-triazenes to be reported. Canadian Journal of Chemistry, 2006, 84, 1280-1289.	0.6	3
320	Derivatives of 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid. Heterocycles, 2006, 68, 59.	0.4	3
321	N-Carbamidoyl-4-((3-ethyl-2,4,4-trimethylcyclohexyl)methyl)benzamide Enhances Staurosporine Cytotoxic Effects Likely Inhibiting the Protective Action of Magmas toward Cell Apoptosis. Journal of Medicinal Chemistry, 2014, 57, 4606-4614.	2.9	3
322	The preparation of 2-substituted-3-diazoquinolin-4-ones. Tetrahedron Letters, 2015, 56, 53-55.	0.7	3
323	Structure and crystal packing of the organic salt 2-(dimethylamino)-5-methyl-1,3-thiazolium 1,1,2,3,3-pentacyanopropenide, $\text{C}_6\text{H}_{11}\text{N}_2\text{S}^+ \cdot \text{C}_8\text{N}_5^-$. Acta Crystallographica Section C: Crystal Structure Communications, 1983, 39, 1242-1245.	0.4	2
324	Structure of a nucleoside N1-analogue of formycin B exhibiting the 'mid-anti,C(3')-endo' conformation. Acta Crystallographica Section C: Crystal Structure Communications, 1985, 41, 1449-1452.	0.4	2

#	ARTICLE	IF	CITATIONS
325	Synthesis and Crystal Structure of 3-[4-Diarylmethyl-1-Oxophthalazin-2(1 <i>H</i>)-Yl]Propanenitriles. <i>Journal of Chemical Research</i> , 2003, 2003, 574-575.	0.6	2
326	Platinum-assisted preparation of PS ligands containing chiral centres; X-ray crystal structure of a dithiophosphinite platinum complex. <i>Inorganica Chimica Acta</i> , 2005, 358, 2031-2039.	1.2	2
327	Solid state molecular assemblies of five bile acid derivatives. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2008, 223, .	0.4	2
328	An X-Ray Crystallographic Study of the Novel Amino bis-(p-Ethoxycarbonylphenylamino)-methane. <i>Journal of Chemical Crystallography</i> , 2009, 39, 178-181.	0.5	2
329	Palladium(II) and platinum(II) pyrrolate-quinoline-imine chloro-complexes by metal-assisted condensation reactions. <i>Chemical Papers</i> , 2020, 74, 3673-3682.	1.0	2
330	Structure of 2,6-Dinitrophenylsulfanyethanenitrile and 2,4,6-Trinitrophenylsulfanyethanenitrile and Their Ring Closure Giving 2-Cyanobenzo[d]thiazole-3-oxides. <i>Heterocycles</i> , 2008, 75, 1425.	0.4	2
331	The structure of cis-dichlorobis[<i>dimethyl(phenyl)phosphine</i>](<i>N-phenylsalicylideneaminato</i>)rhenium(III), [Re(C ₁₃ H ₁₀ NO)Cl ₂ {P(CH ₃) ₂ (C ₆ H ₅) ₂ } ₂]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1984, 40, 974-976.	0.4	1
332	Structure of 2-[7-chloro-2(3 <i>H</i>)-oxo-5-phenyl-1 <i>H</i> -1,4-benzodiazepin-1-yl]ethyl hydrogen succinate N4-oxide, C ₂₁ H ₁₉ ClN ₂ O ₆ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1984, 40, 986-988.	0.4	1
333	Structure of 2,2'-anhydro-1-β-D-arabinofuranosyl-6-methyluracil hemihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986, 42, 1526-1529.	0.4	1
334	Crystal structure of racemic 5-(<i>p</i> -nitrobenzoylamino)-5-methyl-4-oxo-1,3-dioxane. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1989, 19, 695-700.	0.3	1
335	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> , 1989, 19, 701-705.	0.3	1
336	Structure of 3-(<i>p</i> -chlorophenyl)-1-phenyl-1,3-propanedione enol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 1798-1801.	0.4	1
337	3'-Deoxy-2',3'-difluorothymidine, a Nucleoside Analogue. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 2615-2616.	0.4	1
338	1-(Ethoxymethyl)-6-(phenylselenyl)-5-ethyl uracil: a nucleoside analog. <i>Journal of Chemical Crystallography</i> , 1999, 29, 837-839.	0.5	1
339	9-(2-Phenylethyl)-6-(2-thienyl)-9 <i>H</i> -purine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o1052-o1054.	0.2	1
340	1,4-Di-[2-phenyl-1-diazenyl]perhydro-1,4-diazepine: X-ray crystal structure. <i>Journal of Chemical Crystallography</i> , 2005, 35, 119-124.	0.5	1
341	Triazene derivatives of (1, <i>x</i> -)diazacycloalkanes. Part VI. 3-({5,5-Dimethyl-3-[2-aryl-1-diazenyl]-1-imidazolidinyl)methyl}-4,4-dimethyl-1-[2-aryl-1-diazenyl]imidazolidines "â€” Synthesis, characterization, and X-ray crystal structure. <i>Canadian Journal of Chemistry</i> , 2006, 84, 1294-1300.	0.6	1
342	X-Ray crystal structure determination of a series of 1-aryl-2-[3-(3-[2-aryl-1-diazenyl]-1,3-diazepan-1-ylmethyl)-1, 3-diazepan-1-yl]-1-diazenes obtained from the reaction of diazonium salts with mixtures of formaldehyde and 1,4-diaminobutane. <i>Journal of Chemical Crystallography</i> , 2006, 36, 831-839.	0.5	1

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343	An X-Ray Crystallographic Study of Five Compounds from a Series of 1,x-bis-(4-Oxo-3,4-dihydro-1,2,3-benzotriazin-3-yl)alkanes. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1105-1113.	0.5	1
344	Crystal structure of a nucleoside analog: 2',3'-dideoxy-3'-fluoro-5-bromocytidine. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 353-357.	0.3	0
345	Crystal structure of a nucleoside analog, 2',3'-dideoxy-3'-azido-5-chlorocytidine. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 437-440.	0.3	0
346	Crystal structure of a nucleoside analogue, 2',3'-dideoxy-3'-fluoro-5-chlorocytidine. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 455-458.	0.3	0
347	Crystal structures of five polycyclic compounds related to the natural product forskolin. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 195-201.	0.3	0
348	N-[1-Phenyl-2(R)-propyl]-2-chloroadenosine. An Activating Agent of the Adenosine A2 Receptor. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 2408-2409.	0.4	0
349	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>ChemInform</i> , 2003, 34, no.	0.1	0
350	Dihydropyridine C-Glyconjugates by Hantzsch Cyclocondensation. Synthesis of a C(6)-Glycosylated Nifedipine Analogue.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
351	A New and Expedient Diastereoselective Synthesis of $\hat{\pm}$ -(Hydroxyamino)phosphonates and $\hat{\pm}$ -Aminophosphonates by Silyl Triflate Promoted Diethyl Phosphite Addition to Chiral N-Benzyl Nitrones.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
352	Cyclamers and Related Solid Self-Assembled Hosts. , 2004, , 1-19.		0
353	Synthesis and Crystal Structure of 3-[4-Diarylmethyl-1-oxophthalazin-2(1H)-yl]propanenitriles.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
354	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>ChemInform</i> , 2004, 35, no.	0.1	0
355	A structural study of new potent and selective antagonists to the A2B adenosine receptor. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 569-576.	1.8	0
356	5-Phenyluridine trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3805-o3805.	0.2	0
357	An X-ray Crystallographic Study of 1,4-Di[(E)-2-(p-tolyl)-1-diazenyl]piperazine. <i>Journal of Chemical Crystallography</i> , 2010, 40, 807-811.	0.5	0
358	Reactivity of 5-nitro-2,1-benzothiazole-3-diazonium hydrogensulfate towards OH and CH acids: structure, spectral properties, tautomerism. <i>Monatshefte für Chemie</i> , 2016, 147, 1765-1777.	0.9	0
359	Synthesis and Characterization of New Boron Compounds Using Reaction of Diazonium Tetraphenylborate with Enaminoamides. <i>Molecules</i> , 2022, 27, 367.	1.7	0