

Angel Terron

List of Publications by Year in descending order

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papers

959
citations

394421

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times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological recognition patterns implicated by the formation and stability of ternary metal ion complexes of low-molecular-weight formed with amino acid/peptides and nucleobases/nucleosides. Coordination Chemistry Reviews, 2007, 251, 1973-1986.	18.8	83
2	Synthesis and mass spectroscopy kinetics of a novel ternary copper(II) complex with cytotoxic activity against cancer cells. Journal of Inorganic Biochemistry, 2007, 101, 649-659.	3.5	69
3	Experimental and theoretical study of uracil derivatives: the crucial role of weak fluorine-fluorine noncovalent interactions. CrystEngComm, 2010, 12, 3758.	2.6	60
4	Synthesis and characterization of nickel(II) complexes of purine and pyrimidine bases. Crystal and molecular structure of trans-bis(cytosine-O2)bis(ethylenediamine)nickel(II) bis(tetraphenylborate). An unusual metal binding mode of cytosine. Inorganic Chemistry, 1990, 29, 5168-5173.	4.0	52
5	Structural characterization, recognition patterns and theoretical calculations of long-chain N-alkyl substituted purine and pyrimidine bases as ligands: On the importance of anion-fluorine interactions. Coordination Chemistry Reviews, 2013, 257, 2705-2715.	18.8	42
6	X-ray Crystal Structure of a Metalled Double-Helix Generated by Infinite and Consecutive C [*] -Ag ⁺ (C [*] :N ⁺ Hexylcytosine) Base Pairs through Argentophilic and Hydrogen Bond Interactions. Chemistry - A European Journal, 2017, 23, 2103-2108.	3.3	41
7	Lone pair-fluorine vs fluorine-fluorine interactions in 5-fluoro-1-hexyluracil and 1-hexyluracil: a combined crystallographic and computational study. CrystEngComm, 2010, 12, 362-365.	2.6	39
8	Interactions of d10 metal ions with hippuric acid and cytosine. X-ray structure of the first cadmium (II)-amino acid derivative-nucleobase ternary compound. Journal of Inorganic Biochemistry, 2001, 85, 173-178.	3.5	37
9	Synthesis and structural characteristics of metal-acyclovir (ACV) complexes: [Ni(or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42 acyclovir by Ni-ACV. Journal of the Chemical Society Dalton Transactions, 1999, , 167-174.	1.1	32
10	X-Ray Structural Studies of Metal-Nucleoside and Metal-Nucleoside Monophosphate Complexes: New Perspectives. Comments on Inorganic Chemistry, 1993, 14, 63-88.	5.2	28
11	Ternary complexes metal [Co(II), Ni(II), Cu(II) and Zn(II)] - ortho-iodohippurate (I-hip) - acyclovir. X-ray characterization of isostructural [(Co, Ni or Zn)(I-hip)2(ACV)(H2O)3] with stacking as a recognition factor. Journal of Inorganic Biochemistry, 2004, 98, 1703-1711.	3.5	28
12	Synthesis, X-ray characterization and region bonding interactions of a trichlorido(1-hexylcytosine)gold(III) complex. Chemical Communications, 2020, 56, 3524-3527.	4.1	28
13	Ruthenium(III) and iridium(III) complexes with nicotine. Polyhedron, 2010, 29, 34-41.	2.2	27
14	On the importance of antiparallel C=O...C-F interactions in N1-(3-hydroxypropyl)-5-fluorouracilate-Hg(II) complex: A combined X-ray and DFT study. Inorganica Chimica Acta, 2016, 452, 244-250.	2.4	27
15	Some new derivatives of Co(III) with uracil, uridine and pyrimidine nucleotides. Inorganica Chimica Acta, 1987, 135, 197-202.	2.4	25
16	Synthesis and characterization of a novel copper(II)-cytosine complex: tetrakis(cytosine)copper(II) chloride bis(dimethylacetamide) solvate. Polyhedron, 1994, 13, 2513-2518.	2.2	22
17	Molecular architecture by means of interactions between Ag(I) and glycine derivatives. Polyhedron, 2006, 25, 71-80.	2.2	22
18	Uracilato and 5-halouracilato complexes of Cu(II), Zn(II) and Ni(II). X-ray structures of [Cu(uracilato-N1)2(NH3)2]·2(H2O), [Cu(5-chlorouracilato-N1)2(NH3)2](H2O)2, [Ni(5-chlorouracilato-N1)2(en)2]·2H2O and [Zn(5-chlorouracilato-N1)(NH3)3]·(5-chlorouracilato-N1)·(H2O). Journal of Inorganic Biochemistry, 2004, 98, 632-638.	3.5	21

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19	X-ray crystal structure of a ternary copper(II) peptide creatinine complex, (Aquo)(Creatinine)(Glycylglycinato) copper(II) sesquihydrate. Polyhedron, 1995, 14, 2537-2545.	2.2	20
20	The first X-ray structure of a silver nucleotide complex: interaction of ion Ag(+) with cytidine-5'-monophosphate. CrystEngComm, 2017, 19, 5830-5834.	2.6	18
21	Experimental and theoretical study of thymine and cytosine derivatives: the crucial role of weak noncovalent interactions. CrystEngComm, 2012, 14, 5777.	2.6	17
22	Complexation in solution of magnesium(II) and cobalt(II) with purine 5'-monophosphates and pyrimidine 5'-monophosphates: a potentiometric and calorimetric study. Polyhedron, 1998, 17, 3825-3833.	2.2	16
23	RNAs' uracil quartet model with a non-essential metal ion. Chemical Communications, 2011, 47, 4646.	4.1	16
24	Some new derivatives of Ni(II) with uracil, uridine and nucleotides. Inorganica Chimica Acta, 1986, 125, 159-166.	2.4	15
25	Ruthenium(III) complexes with modified nucleobases: N6-Substituted adenines. Polyhedron, 2008, 27, 2851-2858.	2.2	13
26	Crystal structures of N6-modified-amino acid related nucleobase analogs (II): hybrid adenine- β -alanine and adenine-GABA molecules. New Journal of Chemistry, 2019, 43, 9680-9688.	2.8	13
27	Complexation of Nickel(II) with Guanosine 5'-Monophosphate and Inosine 5'-Monophosphate: A Potentiometric and Calorimetric Study. Inorganic Chemistry, 1996, 35, 3786-3791.	4.0	12
28	Experimental and theoretical studies on the coordination chemistry of the N1-hexyl substituted pyrimidines (uracil, 5-fluorouracil and cytosine). Dalton Transactions, 2013, 42, 7631.	3.3	12
29	Synthesis, X-ray characterization and density functional theory studies of N^{6} -benzyl- N^{6} -methyladenine-M(II) complexes (M=Zn, Cd): The prominent role of π - π , C=H... π and anion- π interactions. Applied Organometallic Chemistry, 2019, 33, e4906.	3.3	12
30	Synthesis and characterization of a new Ni(II) pyrimidine complex. Crystal and molecular structure of trans-bis(isocytosine-O4) bis(ethylenediamine) Ni(II) bis(tetraphenylborate). Inorganica Chimica Acta, 1997, 262, 85-89.	2.4	10
31	Ternary copper(II) complexes with hippurate derivatives and 1,10-phenanthroline: Synthesis and biological activity. Inorganica Chimica Acta, 2009, 362, 4744-4753.	2.4	10
32	Crystal structures of N^{6} -modified-aminoacid/peptide nucleobase analogs: hybrid adenine-glycine and adenine-glycylglycine molecules. New Journal of Chemistry, 2018, 42, 14742-14750.	2.8	9
33	Experimental and theoretical study of N1-hexylcytosine and N1-hexylcytosinium nitrate: the crucial role of hydrophobic and anion- π interactions. Tetrahedron Letters, 2013, 54, 5355-5360.	1.4	8
34	A calorimetric study of the Ni(II)-5'AMP system. A base-stacking stabilization. FEBS Journal, 1991, 202, 401-404.	0.2	7
35	Intermolecular C=H... π interactions in 1,5-diphenyl-3-(2-pyridyl)-2-pyrazoline. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, o313-o316.	0.4	7
36	Iridium(III) coordination of N(6) modified adenine derivatives with aminoacid chains. Journal of Inorganic Biochemistry, 2020, 205, 111000.	3.5	7

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37	Interactions of nickel(II) with adenosine, uridine and cytidine monophosphates. A calorimetric study. <i>Polyhedron</i> , 1995, 14, 1771-1777.	2.2	6
38	A calorimetric study of 3d metal ionsâ€“acyclovir interactions. The 2-hydroxyethoxymethyl group of acyclovir mimics the role of ribose in deoxy-guanosine and guanosine promoting the coordination through N(7). <i>Journal of Inorganic Biochemistry</i> , 2001, 86, 677-680.	3.5	6
39	Crystal structures and DFT calculations of new chlorido-dimethylsulfoxide-MIII (M = Ir, Ru, Rh) complexes with the N-pyrazolyl pyrimidine donor ligand: kinetic vs. thermodynamic isomers. <i>Dalton Transactions</i> , 2014, 43, 6353.	3.3	6
40	Synthesis, reactivity, X-ray characterization and docking studies of N7/N9-(2-pyrimidyl)-adenine derivatives. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110879.	3.5	6
41	Models for thyroxine: Aromatic iodine-assisted self-assemblies. <i>Polyhedron</i> , 2007, 26, 1417-1426.	2.2	5
42	Crystal structures of $N^{6,6}$ -modified-amino acid nucleobase analogs($\langle scp \rangle iii \langle scp \rangle$): adenineâ€“valeric acid, adenineâ€“hexanoic acid and adenineâ€“gabapentine. <i>New Journal of Chemistry</i> , 2020, 44, 12236-12246.	2.8	5
43	$Di-\mu_4$ -chlorido-bis{chlorido[($\langle i \rangle R \langle i \rangle$)/($\langle i \rangle S \langle i \rangle$)-1,5-diphenyl-3-(2-pyridyl- $\mu_2 \langle i \rangle N \langle i \rangle$ -2-pyrazoline- $\mu_2 \langle i \rangle N \langle i \rangle$)]zinc(II)}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m899-m900.	0.2	4
44	Synthesis, spectroscopic and magnetic characterization of some iron(III)-nucleotide compounds. <i>Transition Metal Chemistry</i> , 1985, 10, 90-93.	1.4	3
45	Some new derivatives of Cr(III) with uracil, uridine and 5â€“UMP. <i>Polyhedron</i> , 1986, 5, 1125-1130.	2.2	3
46	Interactions in solution of cobalt(II) and nickel(II) with nicotinamide adenine dinucleotide: a potentiometric and calorimetric study. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 313-317.	2.6	3
47	New chloride-dimethylsulfoxide-iridium(III) complex with histaminium. <i>Polyhedron</i> , 2015, 102, 735-740.	2.2	2
48	Cu(II)â€“N6-Alkyladenine Complexes: Synthesis, X-ray Characterization and Magnetic Properties. <i>Magnetochemistry</i> , 2018, 4, 24.	2.4	2
49	Metal removal from the secondary building unit of bio-MOF-1 by adenine N6-alkylation while retaining the overall 3D porous topology. <i>CrystEngComm</i> , 2020, 22, 4201-4205.	2.6	2
50	Modified-amino acid/peptide pyrimidine analogs: synthesis, structural characterization and DFT studies of N-(pyrimidyl)gabapentine and N-(pyrimidyl)baclofen. <i>New Journal of Chemistry</i> , 0, , .	2.8	1