Angel Terron

List of Publications by Year
in descending order

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50 papers	959 citations	394421 19 h-index	477307 29 g-index
50 all docs	50 docs citations	50 times ranked	1040 citing authors

#	Article	IF	Citations
1	Synthesis, reactivity, X-ray characterization and docking studies of N7/N9-(2-pyrimidyl)-adenine derivatives. Journal of Inorganic Biochemistry, 2020, 203, 110879.	3.5	6
2	Crystal structures of N⁶-modified-amino acid nucleobase analogs(<scp>iii</scp>): adenineâ€“valeric acid, adenineâ€“hexanoic acid and adenineâ€“gabapentine. New Journal of Chemistry, 2020, 44, 12236-12246.	2.8	5
3	Metal removal from the secondary building unit of bio-MOF-1 by adenine N6-alkylation while retaining the overall 3D porous topology. CrystEngComm, 2020, 22, 4201-4205.	2.6	2
4	Synthesis, X-ray characterization and regium bonding interactions of a trichlorido(1-hexylcytosine)gold(<scp>iii</scp>) complex. Chemical Communications, 2020, 56, 3524-3527.	4.1	28
5	Iridium(III) coordination of N(6) modified adenine derivatives with aminoacid chains. Journal of Inorganic Biochemistry, 2020, 205, 111000.	3.5	7
6	Crystal structures of N6-modified-amino acid related nucleobase analogs (II): hybrid adenine-Î²-alanine and adenine-GABA molecules. New Journal of Chemistry, 2019, 43, 9680-9688.	2.8	13
7	Synthesis, Xâ€ray characterization and density functional theory studies of N⁶â€benzylâ€N⁶â€methyladenineâ€“M(II) complexes (MÂ=ÂZn, Cd): The prominent role of Ïâ€“Ï€, Câ€“HÂ·Â·Â·Ï€ and anionâ€“Ï€ interactions. Applied Organometallic Chemistry, 2019, 33, e4906.	3.9	12
8	Cu(II)â€“N6-Alkyladenine Complexes: Synthesis, X-ray Characterization and Magnetic Properties. Magnetochemistry, 2018, 4, 24.	2.4	2
9	Crystal structures of N⁶-modified-aminoacid/peptide nucleobase analogs: hybrid adenineâ€“glycine and adenineâ€“glycylglycine molecules. New Journal of Chemistry, 2018, 42, 14742-14750.	2.8	9
10	Xâ€ray Crystal Structure of a Metalled Doubleâ€Helix Generated by Infinite and Consecutive C*â€Ag^Iâ€C* (C*:N¹â€Hexylcytosine) Base Pairs through Argentophilic and Hydrogen Bond Interactions. Chemistry - A European Journal, 2017, 23, 2103-2108.	3.3	41
11	The first X-ray structure of a silverâ€“nucleotide complex: interaction of ion Ag(<scp>i</scp>) with cytidine-5â€²-monophosphate. CrystEngComm, 2017, 19, 5830-5834.	2.6	18
12	On the importance of antiparallel C Oâ‹¯Câ€“F interactions in N1-(3-hydroxypropyl)-5-fluorouracilateâ€“Hg(II) complex: A combined X-ray and DFT study. Inorganica Chimica Acta, 2016, 452, 244-250.	2.4	27
13	New chloride-dimethylsulfoxide-iridium(III) complex with histaminium. Polyhedron, 2015, 102, 735-740.	2.2	2
14	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. Dalton Transactions, 2014, 43, 6353.	3.3	6
15	Structural characterization, recognition patterns and theoretical calculations of long-chain N-alkyl substituted purine and pyrimidine bases as ligands: On the importance of anionâ€“Ï€ interactions. Coordination Chemistry Reviews, 2013, 257, 2705-2715.	18.8	42
16	Experimental and theoretical study of N1-hexylcytosine and N1-hexylcytosinium nitrate: the crucial role of hydrophobic and anionâ€“Ï€ interactions. Tetrahedron Letters, 2013, 54, 5355-5360.	1.4	8
17	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
18	Experimental and theoretical study of thymine and cytosine derivatives: the crucial role of weak noncovalent interactions. CrystEngComm, 2012, 14, 5777.	2.6	17

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19	RNAs' uracil quartet model with a non-essential metal ion. Chemical Communications, 2011, 47, 4646.	4.1	16
20	Ruthenium(III) and iridium(III) complexes with nicotine. Polyhedron, 2010, 29, 34-41.	2.2	27
21	Intermolecular Câ€”H...Ï€ interactions in 1,5-diphenyl-3-(2-pyridyl)-2-pyrazoline. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, o313-o316.	0.4	7
22	Di-Î¼-chlorido-bis{chlorido[(R)/(S)-1,5-diphenyl-3-(2-pyridyl-ÎºN)-2-pyrazoline-ÎºN²]zinc(II)}. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m899-m900.	0.2	4
23	Experimental and theoretical study of uracil derivatives: the crucial role of weak fluorineâ€“fluorine noncovalent interactions. CrystEngComm, 2010, 12, 3758.	2.6	60
24	Lone pairâ€“Ï€ vs Ï€â€“Ï€ interactions in 5-fluoro-1-hexyluracil and 1-hexyluracil: a combined crystallographic and computational study. CrystEngComm, 2010, 12, 362-365.	2.6	39
25	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
26	Ruthenium(III) complexes with modified nucleobases: N6-Substituted adenines. Polyhedron, 2008, 27, 2851-2858.	2.2	13
27	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
28	Models for thyroxine: Aromatic iodine-assisted self-assemblies. Polyhedron, 2007, 26, 1417-1426.	2.2	5
29	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
30	Molecular architecture by means of interactions between Ag(I) and glycine derivatives. Polyhedron, 2006, 25, 71-80.	2.2	22
31	uracilato and 5-halouracilato complexes of Cu(II), Zn(II) and Ni(II). X-ray structures of [Cu(uracilato-N1)2(NH3)2]Â·2(H2O), [Cu(5-chlorouracilato-N1)2(NH3)2](H2O)2, [Ni(5-chlorouracilato-N1)2(en)2]Â·2H2O and [Zn(5-chlorouracilato-N1)(NH3)3]Â·(5-chlorouracilato-N1)Â·(H2O). Journal of Inorganic Biochemistry, 2004, 98, 632-638.	3.5	21
32	Ternary complexes metal [Co(II), Ni(II), Cu(II) and Zn(II)] â€“ ortho-iodohippurate (I-hip) â€“ 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
33	Interactions in solution of cobalt(II) and nickel(II) with nicotinamide adenine dinucleotide: a potentiometric and calorimetric study. Journal of Biological Inorganic Chemistry, 2002, 7, 313-317.	2.6	3
34	Interactions of d10 metal ions with hippuric acid and cytosine. X-ray structure of the first cadmium (II)â€“amino acid derivativeâ€“nucleobase ternary compound. Journal of Inorganic Biochemistry, 2001, 85, 173-178.	3.5	37
35	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). Journal of Inorganic Biochemistry, 2001, 86, 677-680.	3.5	6
36	Synthesis and structural characteristics of metalâ€“acyclovir (ACV) complexes: [Ni(or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Co)(acyclovir by Niâ€“ACV. Journal of the Chemical Society Dalton Transactions, 1999, , 167-174.	1.1	32

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37	Complexation in solution of magnesium(II) and cobalt(II) with purine 5â€²-monophosphates and pyrimide 5â€²-monophosphates: a potentiometric and calorimetric study. Polyhedron, 1998, 17, 3825-3833.	2.2	16
38	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
39	Complexation of Nickel(II) with Guanosine 5â€˜-Monophosphate and Inosine 5â€˜-Monophosphate:Â A Potentiometric and Calorimetric Study. Inorganic Chemistry, 1996, 35, 3786-3791.	4.0	12
40	Interactions of nickel(II) with adenosine, uridine and cytidine monophosphates. A calorimetric study. Polyhedron, 1995, 14, 1771-1777.	2.2	6
41	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
42	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
43	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
44	A calorimetric study of the Ni(II)-5'AMP system. A base-stacking stabilization. FEBS Journal, 1991, 202, 401-404.	0.2	7
45	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
46	Some new derivatives of Co(III) with uracil, uridine and pyrimidine nucleotides. Inorganica Chimica Acta, 1987, 135, 197-202.	2.4	25
47	Some new derivatives of Ni(II) with uracil, uridine and nucleotides. Inorganica Chimica Acta, 1986, 125, 159-166.	2.4	15
48	Some new derivatives of Cr(III) with uracil, uridine and 5â€²-UMP. Polyhedron, 1986, 5, 1125-1130.	2.2	3
49	Synthesis, spectroscopic and magnetic characterization of some iron(III)-nucleotide compounds. Transition Metal Chemistry, 1985, 10, 90-93.	1.4	3
50	Modified-amino acid/peptide pyrimidine analogs: synthesis, structural characterization and DFT studies of N-(pyrimidyl)gabapentine and N-(pyrimidyl)baclofen. New Journal of Chemistry, 0, , .	2.8	1