

# Angel Terron

## List of Publications by Year in descending order

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50  
papers

959  
citations

393982

19  
h-index

476904

29  
g-index

50  
all docs

50  
docs citations

50  
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. <i>Coordination Chemistry Reviews</i> , 2007, 251, 1973-1986.	9.5	83
2	Synthesis and mass spectroscopy kinetics of a novel ternary copper(II) complex with cytotoxic activity against cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 649-659.	1.5	69
3	Experimental and theoretical study of uracil derivatives: the crucial role of weak fluorine-fluorine noncovalent interactions. <i>CrystEngComm</i> , 2010, 12, 3758.	1.3	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. <i>Inorganic Chemistry</i> , 1990, 29, 5168-5173.	1.9	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. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2705-2715.	9.5	42
6	X-ray Crystal Structure of a Metalled Double-Helix Generated by Infinite and Consecutive C <sup>*</sup> -Ag <sup>+</sup> (C <sup>*</sup> :N <sup>1</sup> -Hexylcytosine) Base Pairs through Argentophilic and Hydrogen Bond Interactions. <i>Chemistry - A European Journal</i> , 2017, 23, 2103-2108.	1.7	41
7	Lone pair-fluorine vs fluorine-fluorine interactions in 5-fluoro-1-hexyluracil and 1-hexyluracil: a combined crystallographic and computational study. <i>CrystEngComm</i> , 2010, 12, 362-365.	1.3	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. <i>Journal of Inorganic Biochemistry</i> , 2001, 85, 173-178.	1.5	37
9	Synthesis and structural characteristics of metal-acyclovir (ACV) complexes: [Ni(or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50] acyclovir by Ni-ACV. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 167-174.	1.1	32
10	X-Ray Structural Studies of Metal-Nucleoside and Metal-Nucleoside Monophosphate Complexes: New Perspectives. <i>Comments on Inorganic Chemistry</i> , 1993, 14, 63-88.	3.0	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. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1703-1711.	1.5	28
12	Synthesis, X-ray characterization and region bonding interactions of a trichlorido(1-hexylcytosine)gold(III) complex. <i>Chemical Communications</i> , 2020, 56, 3524-3527.	2.2	28
13	Ruthenium(III) and iridium(III) complexes with nicotine. <i>Polyhedron</i> , 2010, 29, 34-41.	1.0	27
14	On the importance of antiparallel C O <sup>-</sup> C <sup>+</sup> F interactions in N1-(3-hydroxypropyl)-5-fluorouracilate-Hg(II) complex: A combined X-ray and DFT study. <i>Inorganica Chimica Acta</i> , 2016, 452, 244-250.	1.2	27
15	Some new derivatives of Co(III) with uracil, uridine and pyrimidine nucleotides. <i>Inorganica Chimica Acta</i> , 1987, 135, 197-202.	1.2	25
16	Synthesis and characterization of a novel copper(II)-cytosine complex: tetrakis(cytosine)copper(II) chloride bis(dimethylacetamide) solvate. <i>Polyhedron</i> , 1994, 13, 2513-2518.	1.0	22
17	Molecular architecture by means of interactions between Ag(I) and glycine derivatives. <i>Polyhedron</i> , 2006, 25, 71-80.	1.0	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). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 632-638.	1.5	21

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19	X-ray crystal structure of a ternary copper(II) peptide creatinine complex, (Aquo)(Creatinine)(Glycylglycinato) copper(II) sesquihydrate. <i>Polyhedron</i> , 1995, 14, 2537-2545.	1.0	20
20	The first X-ray structure of a silver nucleotide complex: interaction of ion Ag with cytidine-5'-monophosphate. <i>CrystEngComm</i> , 2017, 19, 5830-5834.	1.3	18
21	Experimental and theoretical study of thymine and cytosine derivatives: the crucial role of weak noncovalent interactions. <i>CrystEngComm</i> , 2012, 14, 5777.	1.3	17
22	Complexation in solution of magnesium(II) and cobalt(II) with purine 5'-monophosphates and pyrimidine 5'-monophosphates: a potentiometric and calorimetric study. <i>Polyhedron</i> , 1998, 17, 3825-3833.	1.0	16
23	RNAs' uracil quartet model with a non-essential metal ion. <i>Chemical Communications</i> , 2011, 47, 4646.	2.2	16
24	Some new derivatives of Ni(II) with uracil, uridine and nucleotides. <i>Inorganica Chimica Acta</i> , 1986, 125, 159-166.	1.2	15
25	Ruthenium(III) complexes with modified nucleobases: N6-Substituted adenines. <i>Polyhedron</i> , 2008, 27, 2851-2858.	1.0	13
26	Crystal structures of N6-modified-amino acid related nucleobase analogs (II): hybrid adenine- $\beta$ -alanine and adenine-GABA molecules. <i>New Journal of Chemistry</i> , 2019, 43, 9680-9688.	1.4	13
27	Complexation of Nickel(II) with Guanosine 5'-Monophosphate and Inosine 5'-Monophosphate: A Potentiometric and Calorimetric Study. <i>Inorganic Chemistry</i> , 1996, 35, 3786-3791.	1.9	12
28	Experimental and theoretical studies on the coordination chemistry of the N1-hexyl substituted pyrimidines (uracil, 5-fluorouracil and cytosine). <i>Dalton Transactions</i> , 2013, 42, 7631.	1.6	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 $\pi$ - $\pi$ , C-H... $\pi$ and anion- $\pi$ interactions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4906.		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). <i>Inorganica Chimica Acta</i> , 1997, 262, 85-89.	1.2	10
31	Ternary copper(II) complexes with hippurate derivatives and 1,10-phenanthroline: Synthesis and biological activity. <i>Inorganica Chimica Acta</i> , 2009, 362, 4744-4753.	1.2	10
32	Crystal structures of $N^{6}$ -modified-aminoacid/peptide nucleobase analogs: hybrid adenine-glycine and adenine-glycylglycine molecules. <i>New Journal of Chemistry</i> , 2018, 42, 14742-14750.	1.4	9
33	Experimental and theoretical study of N1-hexylcytosine and N1-hexylcytosinium nitrate: the crucial role of hydrophobic and anion- $\pi$ interactions. <i>Tetrahedron Letters</i> , 2013, 54, 5355-5360.	0.7	8
34	A calorimetric study of the Ni(II)-5'AMP system. A base-stacking stabilization. <i>FEBS Journal</i> , 1991, 202, 401-404.	0.2	7
35	Intermolecular C-H... $\pi$ interactions in 1,5-diphenyl-3-(2-pyridyl)-2-pyrazoline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, o313-o316.	0.4	7
36	Iridium(III) coordination of N(6) modified adenine derivatives with aminoacid chains. <i>Journal of Inorganic Biochemistry</i> , 2020, 205, 111000.	1.5	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.	1.0	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.	1.5	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.	1.6	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.	1.5	6
41	Models for thyroxine: Aromatic iodine-assisted self-assemblies. <i>Polyhedron</i> , 2007, 26, 1417-1426.	1.0	5
42	Crystal structures of $N^{6}$ -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.	1.4	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- $\langle i \rangle N \langle /i \rangle$ -2-pyrazoline- $\langle i \rangle N \langle /i \rangle$ - $\langle sup \rangle 2 \langle /sup \rangle$ ]}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.	0.7	3
45	Some new derivatives of Cr(III) with uracil, uridine and 5â€“UMP. <i>Polyhedron</i> , 1986, 5, 1125-1130.	1.0	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.	1.1	3
47	New chloride-dimethylsulfoxide-iridium(III) complex with histaminium. <i>Polyhedron</i> , 2015, 102, 735-740.	1.0	2
48	Cu(II)â€“N6-Alkyladenine Complexes: Synthesis, X-ray Characterization and Magnetic Properties. <i>Magnetochemistry</i> , 2018, 4, 24.	1.0	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.	1.3	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, , .	1.4	1