

Annalisa Guerri

List of Publications by Year in descending order

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76
papers

1,890
citations

236925

25
h-index

276875

41
g-index

79
all docs

79
docs citations

79
times ranked

2738
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Characterization, Solution Studies, and DFT Calculations on a Series of Binuclear Gold(III) Oxo Complexes: Relationships to Biological Properties. <i>Inorganic Chemistry</i> , 2008, 47, 2368-2379.	4.0	102
2	Auranofin, Et ₃ PAuCl ₃ , and Et ₃ PAuI ₃ Are Highly Cytotoxic on Colorectal Cancer Cells: A Chemical and Biological Study. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 997-1001.	2.8	91
3	Heterobinuclear Complexes as Tectons in Designing Coordination Polymers. <i>Crystal Growth and Design</i> , 2008, 8, 941-949.	3.0	87
4	Phosphates Sensing: Two Polyamino-Phenolic Zinc Receptors Able to Discriminate and Signal Phosphates in Water. <i>Inorganic Chemistry</i> , 2009, 48, 5901-5912.	4.0	87
5	Chemistry and Biology of Two Novel Gold(I) Carbene Complexes as Prospective Anticancer Agents. <i>Inorganic Chemistry</i> , 2014, 53, 2396-2403.	4.0	79
6	Biophysical characterisation of adducts formed between anticancer metallodrugs and selected proteins: New insights from X-ray diffraction and mass spectrometry studies. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 995-1006.	3.5	77
7	Synthesis, Structural Characterization, Solution Behavior, and in Vitro Antiproliferative Properties of a Series of Gold Complexes with 2-(2-Pyridyl)benzimidazole as Ligand: Comparisons of Gold(III) versus Gold(I) and Mononuclear versus Binuclear Derivatives. <i>Inorganic Chemistry</i> , 2012, 51, 3161-3171.	4.0	74
8	Gold(III) compounds as potential antitumor agents: Cytotoxicity and DNA binding properties of some selected polyamine-gold(III) complexes. <i>Inorganica Chimica Acta</i> , 1998, 281, 90-94.	2.4	64
9	Ni(II), Cu(II), and Zn(II) Dinuclear Metal Complexes with an Aza-Phenolic Ligand: Crystal Structures, Magnetic Properties, and Solution Studies. <i>Inorganic Chemistry</i> , 2003, 42, 348-357.	4.0	63
10	A New Macrocyclic Cryptand with Squaramide Moieties: An Overstructured Cull Complex That Selectively Binds Halides: Synthesis, Acid/Base- and Ligational Behavior, and Crystal Structures. <i>Chemistry - A European Journal</i> , 2007, 13, 702-712.	3.3	61
11	Biological properties of two gold(III) complexes: AuCl ₃ (Hpm) and AuCl ₂ (pm). <i>Journal of Inorganic Biochemistry</i> , 1997, 66, 103-109.	3.5	56
12	Design, synthesis and characterisation of new chimeric ruthenium-gold complexes as improved cytotoxic agents. <i>Dalton Transactions</i> , 2015, 44, 11067-11076.	3.3	52
13	Solvent dependent synthesis of micro- and nano- crystalline phosphinate based 1D tubular MOF: structure and CO ₂ adsorption selectivity. <i>CrystEngComm</i> , 2012, 14, 7170.	2.6	49
14	Phosph(on)ate as a zinc-binding group in metalloenzyme inhibitors: X-ray crystal structure of the antiviral drug foscarnet complexed to human carbonic anhydrase I. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 2210-2215.	2.2	48
15	Mechanism of Cyanamide Hydration Catalyzed by Carbonic Anhydrase II Suggested by Cryogenic X-ray Diffraction. <i>Biochemistry</i> , 2000, 39, 12391-12397.	2.5	44
16	Selective B-H versus N-H Bond Activation in Ammonia Borane by [Ir(dppm) ₂ OTf]. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3055-3059.	2.0	44
17	Structural and solution chemistry, protein binding and antiproliferative profiles of gold(I)/(III) complexes bearing the saccharinato ligand. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 348-355.	3.5	40
18	Cytotoxic Ag(I) and Au(I) NHC-carbenes bind DNA and show TrxR inhibition. <i>Journal of Inorganic Biochemistry</i> , 2020, 205, 110998.	3.5	37

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19	Structure and DNA binding properties of the gold(III) complex [AuCl ₂ (esal)]. <i>Inorganica Chimica Acta</i> , 1999, 285, 309-312.	2.4	35
20	A Fluorescent Silver(I) Carbene Complex with Anticancer Properties: Synthesis, Characterization, and Biological Studies. <i>ChemMedChem</i> , 2018, 14, 182-188.	3.2	35
21	Synthesis of a Large Amino-Phenolic Cage. Synthesis, Crystal Structures, and Acid-Base and Coordination Behavior toward Cations and Anions. <i>Inorganic Chemistry</i> , 2006, 45, 304-314.	4.0	31
22	Synthesis, crystal structure, and second-order nonlinear optical properties of [N,N'-bis(1H-pyrrol-2-ylmethylene)-1,2-benzenediaminato]nickel(II) Schiff base complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 1161-1167.	2.4	30
23	Stereocontrol mechanism in CO/ <i>p</i> -methylstyrene copolymerisation catalysed by aryl- λ^2 -diimine Pd(II) complexes. <i>Chemical Communications</i> , 2007, , 4540.	4.1	30
24	Synthesis and Characterization of Palladium(II) and Platinum(II) Adducts and Cyclometalated Complexes of 6,6'-Dimethoxy-2,2'-bipyridine: C(sp ³)-H and C(sp ²)-H Bond Activations. <i>Organometallics</i> , 2014, 33, 3414-3424.	2.3	30
25	Visualisation of extensive water ribbons and networks in a DNA minor-groove drug complex. <i>Nucleic Acids Research</i> , 1998, 26, 2873-2878.	14.5	27
26	Molecular Switch Triggered by Solvent Polarity: Synthesis, Acid-Base Behavior, Alkali Metal Ion Complexation, and Crystal Structure. <i>Chemistry - A European Journal</i> , 2003, 9, 800-810.	3.3	25
27	Modulating the M-M Distance in Dinuclear Complexes. New Ligand with a 2,2'-Biphenol Fragment as Key Unit: A Synthesis, Coordination Behavior, and Crystal Structures of Cu(II) and Zn(II) Dinuclear Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 309-320.	4.0	25
28	Synthesis of a Novel λ^2 -Diimine Palladium(II) Complex Bearing an λ^3 -Allyl λ^3 -Lactone Ligand, a Key Intermediate in Alkyne Cyclocarbonylation Processes. <i>Organometallics</i> , 2003, 22, 3967-3970.	2.3	24
29	Organogold(III) compounds as experimental anticancer agents: chemical and biological profiles. <i>BioMetals</i> , 2016, 29, 863-872.	4.1	22
30	Coordination Behavior toward Copper(II) and Zinc(II) Ions of Three Ligands Joining 3-Hydroxy-2-pyridinone and Polyaza Fragments. <i>Inorganic Chemistry</i> , 2005, 44, 3249-3260.	4.0	21
31	Electron Paramagnetic Resonance and Density-Functional Theory Studies of Cu(II)-bis(oxamato) Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 6633-6644.	4.0	21
32	A snapshot of a coordination polymer self-assembly process: the crystallization of a metastable 3D network followed by the spontaneous transformation in water to a 2D pseudopolymorphic phase. <i>Chemical Communications</i> , 2008, , 6381.	4.1	20
33	Cyclopentadienyl Ruthenium(II) Complexes with Bridging Alkynylphosphine Ligands: Synthesis and Electrochemical Studies. <i>Chemistry - A European Journal</i> , 2009, 15, 11985-11998.	3.3	20
34	Nitroimidazole-Based Ruthenium(II) Complexes: Playing with Structural Parameters to Design Photostable and Light-Responsive Antibacterial Agents. <i>Inorganic Chemistry</i> , 2022, 61, 6689-6694.	4.0	20
35	New ligand bearing preorganized binding side-arms interacting with ammonium cations: Synthesis, conformational studies and crystal structure Electronic supplementary information (ESI) available: molecular modeling studies. See http://www.rsc.org/suppdata/nj/b3/b306778e/ . <i>New Journal of Chemistry</i> , 2003, 27, 1575.	2.8	17
36	Synthesis and coordination properties of new macrocyclic ligands: equilibrium studies and crystal structures. <i>Dalton Transactions</i> , 2004, , 3468.	3.3	17

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37	Probing delocalisation across highly ethynylated mono and dinuclear Pt(II) tethers containing nitrogroups and organic models as redox active probes: X-ray crystal structure of trans-[Pt(CC≡C ₆ H ₄ NO ₂) ₂ (PPh ₃) ₂]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2376-2380.	1.8	17
38	2-(Diethylamino)-N-(2,6-dimethylphenyl)acetamide, a low-temperature redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o768-o770.	0.2	17
39	Insertion Reactions of 1,2-Disubstituted Olefins with an η^2 -Diimine Palladium(II) Complex. <i>Helvetica Chimica Acta</i> , 2006, 89, 1660-1671.	1.6	14
40	Supramolecular interactions impacting on the water stability of tubular metal-organic frameworks. <i>RSC Advances</i> , 2013, 3, 26177.	3.6	14
41	Macrocyclic ligands bearing two 3-(Hydroxy)-2-pyridinone moieties as side-arms. Conformational studies, synthesis, crystal structure, and alkali and alkaline earth complex formation. <i>New Journal of Chemistry</i> , 2004, 28, 1359.	2.8	13
42	Heavy metal ion complexes with a simple phenolic ligand. Solid state and solution studies. <i>Inorganica Chimica Acta</i> , 2003, 356, 203-209.	2.4	12
43	A New Branched Phenanthroline Derivative Ligand: Synthesis, Solution Chemistry, and Crystal Structures of Copper(II) and Zinc(II) Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 4737-4748.	4.0	12
44	Electrodeposited semiconductors at room temperature: an X-ray Absorption Spectroscopy study of Cu-, Zn-, S-bearing thin films. <i>Electrochimica Acta</i> , 2015, 179, 495-503.	5.2	12
45	Structural and solution chemistry, antiproliferative effects, and serum albumin binding of three pseudohalide derivatives of auranofin. <i>BioMetals</i> , 2019, 32, 939-948.	4.1	12
46	Dinuclear Gold(III) Complexes as Potential Anticancer Agents: Structure, Reactivity and Biological Profile of a Series of Gold(III) Oxo-Bridged Derivatives. <i>The Open Crystallography Journal</i> , 2010, 3, 29-40.	0.4	12
47	Synthesis, acid-base and coordination properties towards Cu(II), Zn(II), and Cd(II) ions of two new polyamino-phenolic ligands, including the crystal structure of a fully protonated ligand. <i>Polyhedron</i> , 2003, 22, 1135-1146.	2.2	11
48	Nitrate as a probe of cytochrome c surface: Crystallographic identification of crucial hot spots for protein-protein recognition. <i>Journal of Inorganic Biochemistry</i> , 2014, 135, 58-67.	3.5	11
49	Structural investigation on three 3,5-trans disubstituted piperidines. X-ray and theoretical studies. <i>Computational and Theoretical Chemistry</i> , 2002, 617, 189-199.	1.5	10
50	Stereocontrol in Alkyne Cyclocarbonylation Reactions Promoted by a Bioxazoline Palladium(ii) Complex. <i>Chemistry - A European Journal</i> , 2005, 11, 3268-3278.	3.3	10
51	The quest for hydrogen bond-based metal organic nanotubes (MONT). <i>Journal of Coordination Chemistry</i> , 2014, 67, 3863-3872.	2.2	9
52	Operando SXR D study of the structure and growth process of Cu ₂ S ultra-thin films. <i>Scientific Reports</i> , 2017, 7, 1615.	3.3	9
53	Assembly of anion-controlled cadmium(II) coordination polymers from the use of 2-acetyl-pyridyl-isonicotinoylhydrazone. <i>Inorganica Chimica Acta</i> , 2017, 457, 150-159.	2.4	9
54	Same Not the Same: Thermally Driven Transformation of Nickel Phosphinate-Bipyridine One-Dimensional Chains into Three-Dimensional Coordination Polymers. <i>Crystal Growth and Design</i> , 2018, 18, 2234-2242.	3.0	9

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55	Synthesis, Crystal Structure, and Magnetic Properties of a New Mixed Metal (Co(II), Ni(II)) Cubane. <i>Materials</i> , 2017, 10, 178.	2.9	8
56	Chlorido and bromido oxaliplatin analogues as potential agents for CRC treatment: Solution behavior, protein binding and cytotoxicity evaluation. <i>Inorganica Chimica Acta</i> , 2018, 470, 318-324.	2.4	8
57	Crystal Structure and Chemical Properties of Ni(II)â€Zn(II) Hetero-Dinuclear Complex. <i>Journal of Supramolecular Chemistry</i> , 2002, 2, 301-303.	0.4	7
58	New monocyclic and acyclic hNK-2 antagonists retaining the Î²-turn feature. X-ray and molecular modelling studies. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 889-896.	1.8	7
59	Physical Characterization of Thin Films of CuxZnySz for Photovoltaic Applications. <i>ECS Transactions</i> , 2013, 58, 59-65.	0.5	7
60	A structural investigation on the flexibility of certain o-phthalic acid derivatives. <i>Journal of Molecular Structure</i> , 2005, 749, 20-30.	3.6	5
61	Structural similarities in 1D coordination polymers of alkaline earth diphosphinates. <i>Inorganica Chimica Acta</i> , 2012, 391, 150-157.	2.4	5
62	Operando SXRD of E-ALD deposited sulphides ultra-thin films: Crystallite strain and size. <i>Applied Surface Science</i> , 2018, 432, 53-59.	6.1	5
63	Mechanochemical Access to Elusive Metal Diphosphate Coordination Polymer. <i>Crystals</i> , 2019, 9, 283.	2.2	5
64	(3S,4S)-1-Benzyl-4-(N-octylcarbamoyloxy)pyrrolidin-3-ylN-octylcarbamate: a low-temperature redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3082-o3082.	0.2	4
65	Synthesis and Technological Application of Electrodeposited Semiconductors by EC-ALD. <i>ECS Transactions</i> , 2014, 58, 35-41.	0.5	4
66	New enantiomerically pure oligomeric macrocycles based on a 3,4-dihydropyrrolidine nucleus. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 367-370.	0.9	2
67	A way to manage the thermal flexibility of ligand candidates for bioassays. <i>Tetrahedron</i> , 2006, 62, 6754-6761.	1.9	2
68	Solvent Dependent Benzylic Radical Bromination of Aromatic Sulfonyl Chlorides. <i>Letters in Organic Chemistry</i> , 2006, 3, 191-194.	0.5	2
69	Crystallography at your door. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1033-C1033.	0.1	0
70	Poly[[[(1/4)4-benzene-1,3,5-tricarboxylato-Î²4O1:O1â€²:O2:O3]bis(2,2-bipyridine-Î²2N,Nâ€²)(1/42-hydroxido)dicopper(II)] trihydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m270-m271.	0.2	0
71	Prohibited and allowed crystal-crystal transformations in phosphinate based coordination polymers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s115-s115.	0.1	0
72	Crystalinity. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1302-C1302.	0.1	0

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73	The International School of Crystallography: an example of continuing education. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1274-C1274.	0.1	0
74	Synthesis and Crystal Structure of Binuclear and Pentanuclear Nickel(II) Complexes Containing 4-(salicylaldiminato)antipyrine Schiff base. Mediterranean Journal of Chemistry, 2015, 4, 282-288.	0.7	0
75	Crystalline versus amorphous one-dimensional to three-dimensional coordination polymer transformations. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C962-C962.	0.1	0
76	Ask not what crystallography can do for you “ ask what you can do for crystallography. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e167-e167.	0.1	0