Tiziana Pivetta

List of Publications by Year in descending order

45 papers	1,034 citations	361296 20 h-index	434063 31 g-index
46 all docs	46 docs citations	46 times ranked	1560 citing authors

#	Article	IF	Citations
1	Coordination compounds in cancer: Past, present and perspectives. Journal of Applied Biomedicine, 2015, 13, 79-103.	0.6	113
2	Potentiometric, spectrophotometric and calorimetric study on iron(III) and copper(II) complexes with 1,2-dimethyl-3-hydroxy-4-pyridinone. Journal of Inorganic Biochemistry, 2008, 102, 684-692.	1.5	95
3	Effect of substituents on complex stability aimed at designing new iron(III) and aluminum(III) chelators. Journal of Inorganic Biochemistry, 2009, 103, 227-236.	1.5	70
4	Iron(III) and aluminum(III) complexes with hydroxypyrone ligands aimed to design kojic acid derivatives with new perspectives. Journal of Inorganic Biochemistry, 2010, 104, 560-569.	1.5	55
5	A Windmill-Shaped Hexacopper(II) Molecule Built Up by Template Core-Controlled Expansion of Diaquatetrakis(ï¼42-adeninato-N3,N9)dicopper(II) with Aqua(oxydiacetato)copper(II). Inorganic Chemistry, 2006, 45, 877-882.	1.9	51
6	Mixed-1,10-phenanthrolineâ€“Cu(II) complexes: Synthesis, cytotoxic activity versus hematological and solid tumor cells and complex formation equilibria with glutathione. Journal of Inorganic Biochemistry, 2012, 114, 28-37.	1.5	41
7	Novel copper(II) complexes as new promising antitumour agents. A crystal structure of [Cu(1,10-phenanthroline-5,6-dione) 2 (OH 2)(OClO 3)](ClO 4). Journal of Inorganic Biochemistry, 2014, 141, 103-113.	1.5	32
8	Equilibrium study on Cd(II) and Zn(II) chelates of mercapto carboxylic acids. Polyhedron, 2002, 21, 1319-1327.	1.0	30
9	Extraction, Separation and Isolation of Volatiles and Dyes fromCalendula officinalisL. andAloysia triphylla(L'Her.) Britton by Supercritical CO₂. Journal of Essential Oil Research, 2003, 15, 350-355.	1.3	28
10	Development and validation of a general approach to predict and quantify the synergism of anti-cancer drugs using experimental design and artificial neural networks. Talanta, 2013, 115, 84-93.	2.9	28
11	Speciation of the Potential Antitumor Agent Vanadocene Dichloride in the Blood Plasma and Model Systems. Inorganic Chemistry, 2015, 54, 8237-8250.	1.9	28
12	Thiodiacetato-copper(II) chelates with or without N-heterocyclic donor ligands: molecular and/or crystal structures of [Cu(tda)]n, [Cu(tda)(Him)2(H2O)] and [Cu(tda)(5Mphen)]Â·2H2O (Him=imidazole,) Tj ETQq0 1 0 rgBT /Overlock 1	1.2	27
13	Copper(II) Phenanthroline-Based Complexes as Potential AntiCancer Drugs: A Walkthrough on the Mechanisms of Action. Molecules, 2022, 27, 49.	1.7	26
14	Structural correlations in nickel(II)â€“thiodiacetato complexes: molecular and crystal structures and properties of [Ni(tda)(H2O)3]. Inorganic Chemistry Communication, 2004, 7, 1277-1280.	1.8	25
15	Essential oil composition and variability ofLaurus nobilisL. growing in Tunisia, comparison and chemometric investigation of different plant organs. Natural Product Research, 2009, 23, 343-354.	1.0	25
16	A novel ratiometric and turn-on fluorescent coumarin-based probe for Fe(<scp>iii</scp>). New Journal of Chemistry, 2019, 43, 12032-12041.	1.4	24
17	Mixed copperâ€“platinum complex formation could explain synergistic antiproliferative effect exhibited by binary mixtures of cisplatin and copper-1,10-phenanthroline compounds: An ESIâ€“MS study. Journal of Inorganic Biochemistry, 2015, 151, 107-114.	1.5	23
18	Competitive reactions among glutathione, cisplatin and copper-phenanthroline complexes. Journal of Inorganic Biochemistry, 2017, 173, 126-133.	1.5	22

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19	Substituent effects on ionisation and 13C NMR properties of some monosubstituted phenolsA potentiometric, spectrophotometric and 13C NMR study. Talanta, 2002, 56, 441-449.	2.9	21
20	Mixed copper(<scp>ii</scp>)â€“phenanthroline complexes induce cell death of ovarian cancer cells by evoking the unfolded protein response. Metallomics, 2019, 11, 1481-1489.	1.0	21
21	Potentiometric and spectrophotometric equilibrium study on Fe(III) and new catechol-bisphosphonate conjugates. Journal of Inorganic Biochemistry, 2008, 102, 209-215.	1.5	20
22	Synthesis, structural characterization, formation constants and in vitro cytotoxicity of phenanthroline and imidazolidine-2-thione copper(II) complexes. Journal of Inorganic Biochemistry, 2011, 105, 329-338.	1.5	20
23	Novel coumarins and related copper complexes with biological activity: DNA binding, molecular docking and in vitro antiproliferative activity. Journal of Inorganic Biochemistry, 2017, 177, 101-109.	1.5	20
24	The first copper(<scp>ii</scp>) complex with 1,10-phenanthroline and salubrinal with interesting biochemical properties. Metallomics, 2020, 12, 891-901.	1.0	20
25	Towards a new attenuating compound: A potentiometric, spectrophotometric and NMR equilibrium study on Fe(III), Al(III) and a new tetradentate mixed bisphosphonateâ€“hydroxypyridinonate ligand. Journal of Inorganic Biochemistry, 2008, 102, 1486-1494.	1.5	19
26	Gold and palladium oxidation/complexation in water by a thioamideâ€“iodine leaching system. Green Chemistry, 2017, 19, 4591-4599.	4.6	17
27	Extraction, Separation and Isolation of Volatiles and Dyes fromCalendula officinalisL. andAloysia triphylla(L'Her.) Britton by Supercritical CO₂. Journal of Essential Oil Research, 2003, 15, 272-277.	1.3	16
28	(1,3-Dimethylimidazolidine-2-selone-ÎºSe)bis(1,10-phenanthroline-Îº²N,Nâ€²)copper(II) bis(perchlorate) and bis(2,2â€²-bipyridyl-Îº²N,Nâ€²)(imidazolidine-2-thione-ÎºS)copper(II) bis(perchlorate). Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m364-m367.	0.4	14
29	Synthesis, protonation constants and biological activity determination of amino acidâ€“salicylaldehyde-derived Schiff bases. Amino Acids, 2020, 52, 397-407.	1.2	13
30	Multivariate Calibration Approach for Quantitative Determination of Cell-Line Cross Contamination by Intact Cell Mass Spectrometry and Artificial Neural Networks. PLoS ONE, 2016, 11, e0147414.	1.1	13
31	Evaluation of a Fibre Optic Device in Solution Equilibria Studies. Application to 3-Hydroxybenzoic Acid Ionization. Annali Di Chimica, 2004, 94, 147-153.	0.6	12
32	N,Nâ€²-Ethylenediaminobis(benzylphosphonic acids) as a potent class of chelators for metal ions. Inorganica Chimica Acta, 2009, 362, 707-713.	1.2	10
33	Cisplatin, glutathione and the third wheel: a copper-(1,10-phenanthroline) complex modulates cisplatinâ€“GSH interactions from antagonism to synergism in cancer cells resistant to cisplatin. RSC Advances, 2019, 9, 5362-5376.	1.7	9
34	Spectrophotometric and potentiometric study on platinum(II) chelates of mercapto carboxylic acids. Polyhedron, 2000, 19, 2435-2440.	1.0	7
35	Zinc(<scp>ii</scp>)-methimazole complexes: synthesis and reactivity. Dalton Transactions, 2015, 44, 9805-9814.	1.6	7
36	Mass spectrometric discrimination of phospholipid patterns in cisplatinâ€resistant and â€sensitive cancer cells. Rapid Communications in Mass Spectrometry, 2019, 33, 97-106.	0.7	6

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37	Interaction between aspergillic acid and iron(III): A potentiometric, UVâ€“Vis, 1H NMR and quantum chemical study. Polyhedron, 2009, 28, 763-768.	1.0	5
38	Oxidant/complexing properties of the methimazole (MeImHS)/iodine system towards palladium and gold metals. Crystal structure of the complex cation [Pd^{II}(MeImHS)₄]²⁺ balanced by a tetraiodide/iodide mixture. New Journal of Chemistry, 2020, 44, 2652-2660.	1.4	5
39	Spectrophotometric and potentiometric study on iron(II) complexes with some macrocyclic ligands. Inorganica Chimica Acta, 2001, 323, 62-68.	1.2	4
40	Coordination Chemistry and Sensing Properties Towards Anions and Metal Ions of a Simple Fluorescent Urea. European Journal of Inorganic Chemistry, 2021, 2021, 3878.	1.0	3
41	Hydroxylated 3-(pyridin-2-yl)coumarins as radical scavengers with potent lipoxygenase inhibitor activity. New Journal of Chemistry, 2021, 45, 10749-10760.	1.4	3
42	Stabilization of caesium ions by simple organic molecules: crystal structures of Cs(OXL) (OXL =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Cs₃(CYH₃)₄(OH)₃ (CYH₃ = cyanuric acid). New Journal of Chemistry, 2021, 45, 3263-3270.	1.4	2
43	Intact Cell Mass Spectrometry for Embryonic Stem Cell Biotyping. , 0, , .		2
44	Specific electrolyte effects on hemoglobin in denaturing medium investigated through electro spray ionization mass spectrometry. Journal of Inorganic Biochemistry, 2022, 234, 111872.	1.5	2
45	A new assembly of diiodine molecules at the 1,3-dimethylimidazole-2-thione (Me₂ImS) template: crystal structure of (Me₂ImS)₂Â·(I₂)₅. New Journal of Chemistry, 0, , .	1.4	0