

# Andreia Leite

## List of Publications by Citations

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36 papers	456 citations	13 h-index	20 g-index
39 ext. papers	512 ext. citations	3.7 avg, IF	2.99 L-index

#	Paper	IF	Citations
36	Spectroscopic and potentiometric characterization of oxovanadium(IV) complexes formed by 3-hydroxy-4-pyridinones. Rationalization of the influence of basicity and electronic structure of the ligand on the properties of V(IV)O species in aqueous solution. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8086-97	5.1	67
35	Fluorescent 3-hydroxy-4-pyridinone hexadentate iron chelators: intracellular distribution and the relevance to antimycobacterial properties. <i>Journal of Biological Inorganic Chemistry</i> , <b>2010</b> , 15, 861-77	3.7	37
34	Investigation of the insulin-like properties of zinc(II) complexes of 3-hydroxy-4-pyridinones: identification of a compound with glucose lowering effect in STZ-induced type I diabetic animals. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1675-82	4.2	28
33	Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. <i>Journal of Inorganic Biochemistry</i> , <b>2009</b> , 103, 496-502	4.2	27
32	Discrimination of fluorescence light-up effects induced by pH and metal ion chelation on a spirocyclic derivative of rhodamine B. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6110-8	4.3	24
31	Nickel(II) and Cobalt(II) 3-Hydroxy-4-pyridinone Complexes: Synthesis, Characterization and Speciation Studies in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 131-140	2.3	23
30	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , <b>2010</b> , 66, 8544-8550	2.4	23
29	Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 7131-5	3.9	20
28	Influence of structural factors on the enhanced activity of moxifloxacin: a fluorescence and EPR spectroscopic study. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1543-52	4.4	19
27	Effect of tris(3-hydroxy-4-pyridinonate) iron(III) complexes on iron uptake and storage in soybean ( <i>Glycine max</i> L.). <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 106, 91-100	5.4	18
26	Design of a water soluble 1,8-naphthalimide/3-hydroxy-4-pyridinone conjugate: Investigation of its spectroscopic properties at variable pH and in the presence of Fe <sup>3+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> . <i>Dyes and Pigments</i> , <b>2013</b> , 98, 201-211	4.6	16
25	Novel tetradentate chelators derived from 3-hydroxy-4-pyridinone units: synthesis, characterization and aqueous solution properties. <i>Tetrahedron</i> , <b>2011</b> , 67, 4009-4016	2.4	15
24	New lipophilic 3-hydroxy-4-pyridinonate iron(III) complexes: synthesis and EXAFS structural characterisation. <i>Dalton Transactions</i> , <b>2006</b> , 1313-21	4.3	14
23	Antibacterial activity of naphthyl derived bis-(3-hydroxy-4-pyridinonate) copper(II) complexes against multidrug-resistant bacteria. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 197, 110704	4.2	12
22	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(II) complexes for hydrophobic environments. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9722-31	4.3	12
21	1,3-Dipolar cycloadditions with meso-tetraarylchlorins: Bite selectivity and mixed bisadducts. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 534-544	5.2	10
20	Oxidovanadium(IV) Complexes of 3-Hydroxy-4-pyrone and 3-Hydroxy-4-pyridinone Ligands: A New Generation of Homogeneous Catalysts for the Epoxidation of Geraniol. <i>Catalysis Letters</i> , <b>2010</b> , 135, 98-104	2.8	10

19	The influence of functional groups on the permeation and distribution of antimycobacterial rhodamine chelators. <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 175, 138-147	4.2	9
18	Tuning the limits of pH interference of a rhodamine ion sensor by introducing catechol and 3-hydroxy-4-pyridinone chelating units. <i>Dyes and Pigments</i> , <b>2014</b> , 110, 193-202	4.6	9
17	Use of a porphyrin platform and 3,4-HPO chelating units to synthesize ligands with N4 and O4 coordination sites. <i>Tetrahedron</i> , <b>2011</b> , 67, 7821-7828	2.4	9
16	Photolysis Secondary Products of Cobaloximes and Imino/Oxime Compounds Controlled by Steric Hindrance Imposed by the Lewis Base. <i>Organometallics</i> , <b>2005</b> , 24, 3500-3507	3.8	8
15	Synthesis and coordination studies of 5-(4?-carboxyphenyl)-10,15,20-tris(pentafluorophenyl)porphyrin and its pyrrolidine-fused chlorin derivative. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 8169-8179	3.6	7
14	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. <i>Polyhedron</i> , <b>2015</b> , 87, 1-7	2.7	6
13	The Influence of the Amide Linkage in the Fe(III) -Binding Properties of Catechol-Modified Rosamine Derivatives. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15692-704	4.8	6
12	Tuning the Anti(myco)bacterial Activity of 3-Hydroxy-4-pyridinone Chelators through Fluorophores. <i>Pharmaceuticals</i> , <b>2018</b> , 11,	5.2	6
11	EPR and 51V NMR studies of prospective anti-diabetic bis(3-hydroxy-4-pyridinonato)oxidovanadium(IV) complexes in aqueous solution and liposome suspensions. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 8088-8097	3.6	4
10	Synthesis of Pyridyl and N-Methylpyridinium Analogues of Rosamines: Relevance of Solvent and Charge on Their Photophysical Properties. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15073-15082	4.8	4
9	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. <i>Dyes and Pigments</i> , <b>2018</b> , 157, 405-414	4.6	3
8	Integrated Flow-based System Displaying an In-line Mini Soil Column to Monitor Iron Species in Soils Leachates. <i>Communications in Soil Science and Plant Analysis</i> , <b>2020</b> , 51, 1089-1100	1.5	2
7	Design of a Water Soluble Fluorescent 3-Hydroxy-4-Pyridinone Ligand Active at Physiological pH Values. <i>Journal of Fluorescence</i> , <b>2016</b> , 26, 1773-85	2.4	2
6	Uncovering novel 3-hydroxy-4-pyridinone metal ion complexes with potential anti-inflammatory properties. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 155, 9-16	4.2	2
5	Foliar application of 3-hydroxy-4-pyridinone Fe-chelate [Fe(mpp) ] induces responses at the root level amending iron deficiency chlorosis in soybean. <i>Physiologia Plantarum</i> , <b>2021</b> , 173, 235-245	4.6	2
4	EPR and XANES studies of anaerobic photolysis of iso-propylpyridinecobaloxime: Elucidation of the reactivity of the Co(II) primary product. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 760, 11-18	2.3	1
3	A combined physiological and biophysical approach to understand the ligand-dependent efficiency of 3-hydroxy-4-pyridinone Fe-chelates. <i>Plant Direct</i> , <b>2020</b> , 4, e00256	3.3	1
2	(Aminophenyl)porphyrins as precursors for the synthesis of porphyrin-modified siloxanes. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 1001-1012	1.8	

- 1 A combined experimental and computational study to discover novel tyrosinase inhibitors. *Journal of Inorganic Biochemistry*, **2022**, 111879 4.2