

Maria Rangel

List of Publications by Year in descending order

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114
papers

2,213
citations

201575

27
h-index

289141

40
g-index

117
all docs

117
docs citations

117
times ranked

2731
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | In vitro study of the insulin-mimetic behaviour of vanadium(IV, V) coordination compounds. Journal of Biological Inorganic Chemistry, 2002, 7, 384-396. | 1.1 | 220 |
| 2 | ER Stress-Inducible Factor CHOP Affects the Expression of Hecpidin by Modulating C/EBPalpha Activity. PLoS ONE, 2009, 4, e6618. | 1.1 | 88 |
| 3 | 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 VIVO Species in Aqueous Solution. Inorganic Chemistry, 2006, 45, 8086-8097. | 1.9 | 73 |
| 4 | In vitro study of the insulin-like action of vanadyl-pyrone and -pyridinone complexes with a VO(O4) coordination mode. Journal of Biological Inorganic Chemistry, 2001, 6, 128-132. | 1.1 | 68 |
| 5 | Structural characterization of inclusion complexes between cyanidin-3-O-glucoside and β -cyclodextrin. Carbohydrate Polymers, 2014, 102, 269-277. | 5.1 | 61 |
| 6 | Hypoxia enhances the malignant nature of bladder cancer cells and concomitantly antagonizes protein O-glycosylation extension. Oncotarget, 2016, 7, 63138-63157. | 0.8 | 58 |
| 7 | Targeted O-glycoproteomics explored increased sialylation and identified MUC16 as a poor prognosis biomarker in advanced-stage bladder tumours. Molecular Oncology, 2017, 11, 895-912. | 2.1 | 50 |
| 8 | A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). Dyes and Pigments, 2012, 93, 1447-1455. | 2.0 | 49 |
| 9 | Vanadyl cationic complexes as catalysts in olefin oxidation. Dalton Transactions, 2015, 44, 5125-5138. | 1.6 | 47 |
| 10 | Synthesis and characterization of 3-hydroxy-4pyridinone-oxovanadium(IV) complexes. Polyhedron, 1997, 16, 789-794. | 1.0 | 42 |
| 11 | Non-Transferrin-Bound Iron (NTBI) Uptake by T Lymphocytes: Evidence for the Selective Acquisition of Oligomeric Ferric Citrate Species. PLoS ONE, 2013, 8, e79870. | 1.1 | 42 |
| 12 | Hydroxypyranones, hydroxypyridinones, and their complexes. Advances in Inorganic Chemistry, 2008, 60, 167-243. | 0.4 | 41 |
| 13 | Identification of a new hexadentate iron chelator capable of restricting the intramacrophagic growth of Mycobacterium avium. Microbes and Infection, 2010, 12, 287-294. | 1.0 | 40 |
| 14 | Fluorescent 3-hydroxy-4-pyridinone hexadentate iron chelators: intracellular distribution and the relevance to antimycobacterial properties. Journal of Biological Inorganic Chemistry, 2010, 15, 861-877. | 1.1 | 38 |
| 15 | Physiological implications of NTBI uptake by T lymphocytes. Frontiers in Pharmacology, 2014, 5, 24. | 1.6 | 36 |
| 16 | Lactoferricin Peptides Increase Macrophages' Capacity To Kill Mycobacterium avium. MSphere, 2017, 2, . | 1.3 | 33 |
| 17 | Rhodamine labeling of 3-hydroxy-4-pyridinone iron chelators is an important contribution to target Mycobacterium avium infection. Journal of Inorganic Biochemistry, 2013, 121, 156-166. | 1.5 | 32 |
| 18 | Microwave-Assisted Synthesis and Spectroscopic Properties of 4-Substituted Rosamine Fluorophores and Naphthyl Analogues. European Journal of Organic Chemistry, 2012, 2012, 5810-5817. | 1.2 | 31 |

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|----|---|-----|-----------|
| 19 | Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 496-502. | 1.5 | 30 |
| 20 | NMR structural analysis of epigallocatechin gallate loaded polysaccharide nanoparticles. <i>Carbohydrate Polymers</i> , 2010, 82, 861-866. | 5.1 | 30 |
| 21 | Discrimination of fluorescence light-up effects induced by pH and metal ion chelation on a spirocyclic derivative of rhodamine B. <i>Dalton Transactions</i> , 2013, 42, 6110. | 1.6 | 30 |
| 22 | Structural characterization of functionalized gold nanoparticles for drug delivery in cancer therapy: a NMR based approach. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18971-18979. | 1.3 | 30 |
| 23 | Anthelmintic, Antibacterial and Cytotoxicity Activity of Imidazole Alkaloids from <i>Pilocarpus microphyllus</i> Leaves. <i>Phytotherapy Research</i> , 2017, 31, 624-630. | 2.8 | 30 |
| 24 | Structural study of the interaction of vanadate with the ligand 1,2-dimethyl-3-hydroxy-4-pyridinone (Hdmpp) in aqueous solution. <i>Journal of Inorganic Biochemistry</i> , 2000, 80, 177-179. | 1.5 | 29 |
| 25 | 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> , 2011, 105, 1675-1682. | 1.5 | 29 |
| 26 | Exploiting the use of 3,4-HPO ligands as nontoxic reagents for the determination of iron in natural waters with a sequential injection approach. <i>Talanta</i> , 2013, 108, 38-45. | 2.9 | 29 |
| 27 | Study of the oxidation products of the VO(dmpp) ₂ complex in aqueous solution under aerobic conditions: comparison with the vanadate-dmpp system. <i>Inorganica Chimica Acta</i> , 2003, 356, 142-154. | 1.2 | 27 |
| 28 | 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> , 2016, 106, 91-100. | 2.8 | 27 |
| 29 | Human transferrin: An inorganic biochemistry perspective. <i>Coordination Chemistry Reviews</i> , 2021, 449, 214186. | 9.5 | 26 |
| 30 | 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> , 2011, 2011, 131-140. | 1.0 | 25 |
| 31 | Chlorogenic acid-arabinose hybrid domains in coffee melanoidins: Evidences from a model system. <i>Food Chemistry</i> , 2015, 185, 135-144. | 4.2 | 25 |
| 32 | Iron speciation by microsequential injection solid phase spectrometry using 3-hydroxy-1(H)-2-methyl-4-pyridinone as chromogenic reagent. <i>Talanta</i> , 2015, 133, 15-20. | 2.9 | 25 |
| 33 | Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , 2010, 66, 8544-8550. | 1.0 | 23 |
| 34 | Interaction of 5-Fluorouracil Loaded Nanoparticles with 1,2-Dimyristoyl-sn-glycero-3-phosphocholine Liposomes Used as a Cellular Membrane Model. <i>Journal of Physical Chemistry B</i> , 2012, 116, 667-675. | 1.2 | 23 |
| 35 | Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7131-7135. | 1.5 | 23 |
| 36 | Antimycobacterial activity of rhodamine 3,4-HPO iron chelators against <i>Mycobacterium avium</i> : analysis of the contribution of functional groups and of chelator's combination with ethambutol. <i>MedChemComm</i> , 2015, 6, 2194-2203. | 3.5 | 22 |

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|----|--|-----|-----------|
| 37 | Iron speciation in natural waters by sequential injection analysis with a hexadentate 3-hydroxy-4-pyridinone chelator as chromogenic agent. <i>Talanta</i> , 2016, 148, 633-640. | 2.9 | 21 |
| 38 | Antibacterial activity of naphthyl derived bis-(3-hydroxy-4-pyridinonate) copper(II) complexes against multidrug-resistant bacteria. <i>Journal of Inorganic Biochemistry</i> , 2019, 197, 110704. | 1.5 | 20 |
| 39 | Pyridinone oxovanadium(IV) complexes: a new class of insulin mimetic compounds. <i>Transition Metal Chemistry</i> , 2001, 26, 219-223. | 0.7 | 19 |
| 40 | Influence of structural factors on the enhanced activity of moxifloxacin: a fluorescence and EPR spectroscopic study. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1543-1552. | 1.9 | 19 |
| 41 | A 1000-year-old mystery solved: Unlocking the molecular structure for the medieval blue from <i>Chrozophora tinctoria</i> , also known as folium. <i>Science Advances</i> , 2020, 6, eaaz7772. | 4.7 | 19 |
| 42 | NMR Insight into the Supramolecular Structure of Daunorubicin Loaded Polymer Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2011, 115, 902-909. | 1.2 | 18 |
| 43 | Microsequential injection lab-on-valve system for the spectrophotometric bi-parametric determination of iron and copper in natural waters. <i>Talanta</i> , 2017, 167, 703-708. | 2.9 | 18 |
| 44 | The glycation site specificity of human serum transferrin is a determinant for transferrin's functional impairment under elevated glycaemic conditions. <i>Biochemical Journal</i> , 2014, 461, 33-42. | 1.7 | 17 |
| 45 | Mean copper-ligand binding enthalpies in copper(II) complexes of dimethylglyoxime, glycine, acetic acid and 4-phenylamino-3-penten-2-one. <i>Thermochemica Acta</i> , 1990, 160, 267-280. | 1.2 | 16 |
| 46 | Photolysis Primary Products of Alkylcobaloximes Controlled by the Cobalt-Carbon Bond Strength. <i>Organometallics</i> , 1999, 18, 3451-3456. | 1.1 | 16 |
| 47 | Novel tetradentate chelators derived from 3-hydroxy-4-pyridinone units: synthesis, characterization and aqueous solution properties. <i>Tetrahedron</i> , 2011, 67, 4009-4016. | 1.0 | 16 |
| 48 | 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 ³⁺ , Cu ²⁺ and Zn ²⁺ . <i>Dyes and Pigments</i> , 2013, 98, 201-211. | 2.0 | 16 |
| 49 | Street-Like Synthesis of Krokodil Results in the Formation of an Enlarged Cluster of Known and New Morphinans. <i>Chemical Research in Toxicology</i> , 2017, 30, 1609-1621. | 1.7 | 16 |
| 50 | The (Bio)Chemistry of Non-Transferrin-Bound Iron. <i>Molecules</i> , 2022, 27, 1784. | 1.7 | 16 |
| 51 | New lipophilic 3-hydroxy-4-pyridinonate iron(III) complexes: synthesis and EXAFS structural characterisation. <i>Dalton Transactions</i> , 2006, , 1313-1321. | 1.6 | 15 |
| 52 | 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> , 2014, 43, 9722-9731. | 1.6 | 15 |
| 53 | Electron spin resonance study of the cobalt(II) species formed after room-temperature photolysis of aqua(sec-butyl)bis(dimethylglyoximate)cobalt(III) in the presence of N-donor bases. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 369. | 1.1 | 14 |
| 54 | 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> , 2018, 42, 8169-8179. | 1.4 | 14 |

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|----|--|-----|-----------|
| 55 | 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> , 2014, 110, 193-202. | 2.0 | 13 |
| 56 | Synthesis and characterization of a 3-hydroxy-4-pyridinone chelator functionalized with a polyethylene glycol (PEG) chain aimed at sequential injection determination of iron in natural waters. <i>Polyhedron</i> , 2015, 101, 171-178. | 1.0 | 13 |
| 57 | 1,3-Dipolar cycloadditions with meso-tetraarylchlorins " site selectivity and mixed bisadducts. <i>Organic Chemistry Frontiers</i> , 2017, 4, 534-544. | 2.3 | 13 |
| 58 | EPR characterization of the photolysis and thermolysis products of alkylcobaloximes with symmetric phosphines and phosphites. Factors that stabilize the cobalt homolysis fragments. <i>Organometallics</i> , 1991, 10, 3848-3855. | 1.1 | 12 |
| 59 | Use of a porphyrin platform and 3,4-HPO chelating units to synthesize ligands with N4 and O4 coordination sites. <i>Tetrahedron</i> , 2011, 67, 7821-7828. | 1.0 | 12 |
| 60 | Use of an ether-derived 3-hydroxy-4-pyridinone chelator as a new chromogenic reagent in the development of a microfluidic paper-based analytical device for Fe(III) determination in natural waters. <i>Talanta</i> , 2020, 214, 120887. | 2.9 | 12 |
| 61 | 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> , 2010, 135, 98-104. | 1.4 | 11 |
| 62 | Relevant Interactions of Antimicrobial Iron Chelators and Membrane Models Revealed by Nuclear Magnetic Resonance and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14590-14601. | 1.2 | 11 |
| 63 | New hydrophilic 3-hydroxy-4-pyridinone chelators with ether-derived substituents: Synthesis and evaluation of analytical performance in the determination of iron in waters. <i>Polyhedron</i> , 2019, 160, 145-156. | 1.0 | 11 |
| 64 | Synthesis, characterization, and cellular investigations of porphyrin and chlorin indomethacin conjugates for photodynamic therapy of cancer. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6501-6512. | 1.5 | 11 |
| 65 | An electron spin resonance spectral study of bis(dimethylglyoximato)-cobalt(II) and some phosphine and phosphite adducts. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3311. | 1.1 | 10 |
| 66 | NMR study of the supramolecular structure of dual drug-loaded poly(butylcyanoacrylate) nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16657. | 1.3 | 10 |
| 67 | Biomembrane simulations of 12 lipid types using the general amber force field in a tensionless ensemble. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 88-103. | 2.0 | 10 |
| 68 | Greener and wide applicability range flow-based spectrophotometric method for iron determination in fresh and marine water. <i>Talanta</i> , 2020, 216, 120925. | 2.9 | 10 |
| 69 | Photolysis Secondary Products of Cobaloximes and Imino/Oxime Compounds Controlled by Steric Hindrance Imposed by the Lewis Base. <i>Organometallics</i> , 2005, 24, 3500-3507. | 1.1 | 9 |
| 70 | NMR study of the interaction of fluorescent 3-hydroxy-4-pyridinone chelators with DMPC liposomes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5027-5033. | 1.3 | 9 |
| 71 | The influence of functional groups on the permeation and distribution of antimycobacterial rhodamine chelators. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 138-147. | 1.5 | 9 |
| 72 | Tuning the Anti(myco)bacterial Activity of 3-Hydroxy-4-pyridinone Chelators through Fluorophores. <i>Pharmaceuticals</i> , 2018, 11, 110. | 1.7 | 9 |

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|----|--|-----|-----------|
| 73 | Synthesis of Pyridyl and <i>N</i> -Methylpyridinium Analogues of Rosamines: Relevance of Solvent and Charge on Their Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 15073-15082. | 1.7 | 9 |
| 74 | The Influence of the Amide Linkage in the Fe ^{III} -Binding Properties of Catechol-Modified Rosamine Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 15692-15704. | 1.7 | 8 |
| 75 | Binding selectivity of vitamin K3 based chemosensors towards nickel(II) and copper(II) metal ions. <i>Journal of Molecular Structure</i> , 2017, 1143, 495-514. | 1.8 | 8 |
| 76 | New fluorescent rosamine chelator showing promising antibacterial activity against Gram-positive bacteria. <i>Bioorganic Chemistry</i> , 2018, 79, 341-349. | 2.0 | 8 |
| 77 | A DFT quantum mechanical study of 3-hydroxy-4-pyrone and 3-hydroxy-4-pyridinone based oxidovanadium(IV) complexes. <i>Structural Chemistry</i> , 2011, 22, 697-706. | 1.0 | 7 |
| 78 | Silica nanostructures synthesis and CdTe quantum dots immobilization for photocatalytical applications. <i>RSC Advances</i> , 2014, 4, 59697-59705. | 1.7 | 7 |
| 79 | EPR spin trapping studies of H ₂ O ₂ activation in metaloporphyrin catalyzed oxygenation reactions: Insights on the biomimetic mechanism. <i>Molecular Catalysis</i> , 2019, 475, 110500. | 1.0 | 7 |
| 80 | Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. <i>Polyhedron</i> , 2015, 87, 1-7. | 1.0 | 6 |
| 81 | Determination of iron(III) in water samples by microsequential injection solid phase spectrometry using an hexadentate 3-hydroxy-4-pyridinone chelator as reagent. <i>Talanta</i> , 2019, 191, 409-414. | 2.9 | 6 |
| 82 | Characterization of the photolysis products of sec-butylcobaloximes with imidazole and benzimidazole bases. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 85-93. | 0.8 | 5 |
| 83 | Microwave-Enhanced Synthesis of Novel Pyridinone-Fused Porphyrins. <i>Synlett</i> , 2009, 2009, 1009-1013. | 1.0 | 5 |
| 84 | Synthesis and structural characterization, by spectroscopic and computational methods, of two fluorescent 3-hydroxy-4-pyridinone chelators bearing sulphorhodamine B and naphthalene. <i>RSC Advances</i> , 2016, 6, 4200-4211. | 1.7 | 5 |
| 85 | 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> , 2018, 42, 8088-8097. | 1.4 | 5 |
| 86 | A combined physiological and biophysical approach to understand the ligand-dependent efficiency of 3-hydroxy-4-pyridinone Fe-chelates. <i>Plant Direct</i> , 2020, 4, e00256. | 0.8 | 5 |
| 87 | Foliar application of 3-hydroxy-4-pyridinone Fe-chelate [Fe(mpp) ₃] induces responses at the root level amending iron deficiency chlorosis in soybean. <i>Physiologia Plantarum</i> , 2021, 173, 235-245. | 2.6 | 5 |
| 88 | Synthesis of a highly emissive carboxylated pyrrolidine-fused chlorin for optical sensing of TATP vapours. <i>Dyes and Pigments</i> , 2021, 195, 109721. | 2.0 | 5 |
| 89 | XAFS studies of pyranonate and pyridinone metal(III) complexes. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 579-581. | 1.0 | 4 |
| 90 | EPR Study of the Photolysis of Methyl- and Adenosylcobinamides in the Presence of Phosphine and Pyridine Bases. Evidence for the Need of a Judicious Choice of Irradiation Temperature and Solvent to Assess Ligand Binding. <i>Organometallics</i> , 2008, 27, 2536-2543. | 1.1 | 4 |

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|-----|---|-----|-----------|
| 91 | Uncovering novel 3-hydroxy-4-pyridinone metal ion complexes with potential anti-inflammatory properties. <i>Journal of Inorganic Biochemistry</i> , 2016, 155, 9-16. | 1.5 | 4 |
| 92 | Study of the effect of thiourea and N-ethyl groups on antibacterial activity of rhodamine-labeled 3,4-HPO iron chelators against Gram (+/â ⁻) bacteria. <i>Medicinal Chemistry Research</i> , 2018, 27, 1472-1477. | 1.1 | 4 |
| 93 | Determining the glycation site specificity of human holo-transferrin. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 95-102. | 1.5 | 4 |
| 94 | Membrane partition of bis-(3-hydroxy-4-pyridinonato) zinc(ii) complexes revealed by molecular dynamics simulations. <i>RSC Advances</i> , 2018, 8, 27081-27090. | 1.7 | 4 |
| 95 | A computational study on the redox properties and binding affinities of iron complexes of hydroxypyridinones. <i>Journal of Molecular Modeling</i> , 2019, 25, 172. | 0.8 | 4 |
| 96 | Synthesis of Catechol Derived Rosamine Dyes and Their Reactivity toward Biogenic Amines. <i>Molecules</i> , 2021, 26, 5082. | 1.7 | 4 |
| 97 | Characterization of a μ_4 -oxo-bridged diiron porphyrin by ESI-Orbitrap-MS. <i>Journal of Mass Spectrometry</i> , 2014, 49, 763-765. | 0.7 | 3 |
| 98 | Design of a Water Soluble Fluorescent 3-Hydroxy-4-Pyridinone Ligand Active at Physiological pH Values. <i>Journal of Fluorescence</i> , 2016, 26, 1773-1785. | 1.3 | 3 |
| 99 | Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. <i>Dyes and Pigments</i> , 2018, 157, 405-414. | 2.0 | 3 |
| 100 | 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> , 2020, 51, 1089-1100. | 0.6 | 3 |
| 101 | One-Pot Synthesis of Xanthone by Carbonylative Suzuki Coupling Reaction. <i>ChemistrySelect</i> , 2021, 6, 4511-4514. | 0.7 | 3 |
| 102 | Ruthenium complexes of 3-hydroxy-4-pyranones and of 3-hydroxy-4-pyridinones. <i>Transition Metal Chemistry</i> , 2008, 33, 553-561. | 0.7 | 2 |
| 103 | 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> , 2014, 760, 11-18. | 0.8 | 2 |
| 104 | Insights on the relationship between structure vs. toxicological activity of antibacterial rhodamine-labelled 3-hydroxy-4-pyridinone iron(III) chelators in HepG2 cells. <i>Interdisciplinary Toxicology</i> , 2018, 11, 189-199. | 1.0 | 2 |
| 105 | Sequential injection method for bi-parametric determination of iron and manganese in soil leachates. <i>Analytical Methods</i> , 2022, 14, 180-187. | 1.3 | 2 |
| 106 | A combined experimental and computational study to discover novel tyrosinase inhibitors. <i>Journal of Inorganic Biochemistry</i> , 2022, 234, 111879. | 1.5 | 2 |
| 107 | identification of a complex mixture of opioids on krokodil street-like samples. <i>Toxicology Letters</i> , 2016, 258, S300. | 0.4 | 1 |
| 108 | Ohmic heating-assisted synthesis and characterization of Zn(μ_2), Cu(μ_2) and Pd(μ_2) complexes of heterocyclic-fused chlorins. <i>Dalton Transactions</i> , 2022, 51, 3520-3530. | 1.6 | 1 |

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|-----|---|-----|-----------|
| 109 | Insight on the Diverse Cellular Pathways of Two Novel Chelators from Liposome Partition Studies. <i>Biophysical Journal</i> , 2009, 96, 147a. | 0.2 | 0 |
| 110 | Interaction of a Novel Iron Chelator with Model Membranes. <i>Biophysical Journal</i> , 2010, 98, 273a. | 0.2 | 0 |
| 111 | Tagging 3-Hydroxy-4-Pyridinone Iron Chelators with Rhodamine B Derivatives is Essential to Target <i>Mycobacterium Avium</i> Infection. <i>Biophysical Journal</i> , 2013, 104, 251a. | 0.2 | 0 |
| 112 | (Aminophenyl)porphyrins as precursors for the synthesis of porphyrin-modified siloxanes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 1001-1012. | 0.4 | 0 |
| 113 | NMR Study of Partition and Permeation Properties of Ga(III) Chelates. <i>Biophysical Journal</i> , 2019, 116, 510a. | 0.2 | 0 |
| 114 | Functionalization of Rhodamine Platforms with 3-Hydroxy-4-pyridinone Chelating Units and Its Fluorescence Behavior towards Fe(III). <i>Molecules</i> , 2022, 27, 1567. | 1.7 | 0 |