

# Otaciro R Nascimento

## List of Publications by Year in descending order

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149  
papers

3,239  
citations

159585

30  
h-index

223800

46  
g-index

151  
all docs

151  
docs citations

151  
times ranked

3751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of electron transfer reactions by humic substances: Implications for their biogeochemical roles and determination of their electron donating capacity. <i>Chemosphere</i> , 2022, 286, 131755.	8.2	12
2	Quantification of Paramagnetic Ions in Human Brain Tissue Using EPR. <i>Brazilian Journal of Physics</i> , 2022, 52, 1.	1.4	2
3	Photochemical Properties of a Mononuclear Mn(II) Triscarbonyl Complex in Water: An Insight into Different Oxidation States. <i>ChemistrySelect</i> , 2021, 6, 8746-8753.	1.5	1
4	Synergy of DNA intercalation and catalytic activity of a copper complex towards improved polymerase inhibition and cancer cell cytotoxicity. <i>Dalton Transactions</i> , 2021, 50, 11931-11940.	3.3	11
5	Manganese(II) Schiff-base-mediated reversible deactivation controlled radical polymerization of vinyl acetate. <i>New Journal of Chemistry</i> , 2021, 45, 10109-10117.	2.8	5
6	Light-induced disruption of an acyl hydrazone link as a novel strategy for drug release and activation: isoniazid as a proof-of-concept case. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 859-870.	6.0	12
7	Cobalt(II) complexes of $\beta$ -diimine derived from cycloalkylamines as controlling agents for organometallic mediated radical polymerization of vinyl acetate. <i>Polyhedron</i> , 2020, 192, 114870.	2.2	5
8	Exchange couplings and quantum phases in two dissimilar arrays of similar copper dinuclear units. <i>Dalton Transactions</i> , 2020, 49, 5228-5240.	3.3	6
9	Solvent Effect on the Regulation of Urea Hydrolysis Reactions by Copper Complexes. <i>Chemistry</i> , 2020, 2, 525-544.	2.2	2
10	Charge separation of photosensitized phenothiazines for applications in catalysis and nanotechnology. <i>Dyes and Pigments</i> , 2020, 177, 108314.	3.7	11
11	Supramolecular structures in oxovanadium(IV) compounds with pyrid-2-one and pyrid-4-one ligands. <i>Journal of Molecular Structure</i> , 2019, 1194, 104-111.	3.6	6
12	Ascorbyl and hydroxyl radical generation mediated by a copper complex adsorbed on gold. <i>Dalton Transactions</i> , 2019, 48, 14128-14137.	3.3	11
13	Magnetic-field-tuned phase transition of a molecular material from the isolated-spin to the coupled-spin regime. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4394-4407.	2.8	3
14	Influence of the Medium on the Photochemical and Photophysical Properties of $[\text{Ru}(\text{phen})_2(\text{pPDIp})]^{2+}$ . <i>ChemPhotoChem</i> , 2018, 2, 757-764.	3.0	5
15	Intramolecular radical cyclization approach to access highly substituted indolines and 2,3-dihydrobenzofurans under visible-light. <i>RSC Advances</i> , 2018, 8, 12879-12886.	3.6	21
16	Magnetic nanoparticles as a support for a copper (II) complex with nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 294-300.	3.5	7
17	Modulating the DNA cleavage ability of copper(II) Schiff bases through ternary complex formation. <i>New Journal of Chemistry</i> , 2018, 42, 15170-15183.	2.8	12
18	Synthesis of cobalt(II)- $\beta$ -diimines complexes and their activity as mediators in organometallic mediated radical polymerization of vinyl acetate. <i>Inorganica Chimica Acta</i> , 2018, 471, 620-629.	2.4	13

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19	Temperature dependence of the effective interdimer exchange interaction in a weakly coupled antiferromagnetic dimer copper compound. <i>Physical Review B</i> , 2017, 96, .	3.2	5
20	Structure and Catalysis of Fe(III) and Cu(II) Microperoxidase-11 Interacting with the Positively Charged Interfaces of Lipids. <i>Molecules</i> , 2017, 22, 1212.	3.8	3
21	Hydroxyl Radical Generation and DNA Nuclease Activity: A Mechanistic Study Based on a Surface-Immobilized Copper Thioether Clip-Phen Derivative. <i>Chemistry - A European Journal</i> , 2016, 22, 10081-10089.	3.3	23
22	Protective Effect of <i>Plantago major</i> Extract against t-BOOH-Induced Mitochondrial Oxidative Damage and Cytotoxicity. <i>Molecules</i> , 2015, 20, 17747-17759.	3.8	11
23	Structure and magnetism of a binuclear Cu <sup>II</sup> pyrophosphate: transition to a 3D magnetic behaviour studied by single crystal EPR. <i>Dalton Transactions</i> , 2015, 44, 4732-4743.	3.3	13
24	The structure, magnetism and EPR spectra of a (1/4-thiophenolato)(1/4-pyrazolato-N,N <sup>ε</sup> 2) double bridged dicopper( <sup>ii</sup> ) complex. <i>Dalton Transactions</i> , 2015, 44, 2431-2438.	3.3	10
25	Intermediate Tyrosyl Radical and Amyloid Structure in Peroxide-Activated Cytochrome c. <i>PLoS ONE</i> , 2015, 10, e0136554.	2.5	9
26	An investigation into the influence of zinc precursor on the microstructural, photoluminescence, and gas-sensing properties of ZnO nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	19
27	Manganese(II) complexes with thiosemicarbazones as potential anti- <i>Mycobacterium tuberculosis</i> agents. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 21-29.	3.5	50
28	Antiparasitic activities of novel ruthenium/lapachol complexes. <i>Journal of Inorganic Biochemistry</i> , 2014, 136, 33-39.	3.5	58
29	Structural and EPR studies of pyrophosphate-bridged dinuclear Cu <sup>I</sup> complexes. <i>Polyhedron</i> , 2014, 79, 178-185.	2.2	6
30	Study of a series of cobalt(II) sulfonamide complexes: Synthesis, spectroscopic characterization, and microbiological evaluation against <i>M. tuberculosis</i> . Crystal structure of [Co(sulfamethoxazole) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sup>+</sup> ·H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , 2013, 1036, 180-187.	3.6	44
31	Electron Paramagnetic Resonance Study of Copper-Ethylenediamine Complex Ion Intercalated in Bentonite. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24042-24055.	3.1	21
32	Ferricytochrome c Directly Oxidizes Aminoacetone to Methylglyoxal, a Catabolite Accumulated in Carbonyl Stress. <i>PLoS ONE</i> , 2013, 8, e57790.	2.5	15
33	UV-Light Effects on Cytochrome C Modulated by the Aggregation State of Phenothiazines. <i>PLoS ONE</i> , 2013, 8, e76857.	2.5	7
34	Recycling of the High Valence States of Heme Proteins by Cysteine Residues of Thimet-Oligopeptidase. <i>PLoS ONE</i> , 2013, 8, e79102.	2.5	5
35	Spectroscopic and Catalytic Characterization of a Functional Fe <sup>III</sup> Fe <sup>II</sup> Biomimetic for the Active Site of Uteroferrin and Protein Cleavage. <i>Inorganic Chemistry</i> , 2012, 51, 2065-2078.	4.0	36
36	Photo-induced electron transfer in supramolecular materials of titania nanostructures and cytochrome c. <i>RSC Advances</i> , 2012, 2, 7417.	3.6	11

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37	Structure and peroxidase activity of ferric Streptomyces clavuligerus orf10-encoded protein P450CLA: UV-visible, CD, MCD and EPR spectroscopic characterization. Journal of the Brazilian Chemical Society, 2012, 23, 913-920.	0.6	4
38	Phototransients of 2-ethylaminodiphenylborinate generated by direct photolysis and photosensitization. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 236, 14-20.	3.9	10
39	Dinuclear copper(II) complexes with valsartan. Synthesis, characterization and cytotoxicity. Journal of Inorganic Biochemistry, 2012, 107, 25-33.	3.5	25
40	Hydroxyl scavenging activity accounts for differential antioxidant protection of <i>Plantago major</i> against oxidative toxicity in isolated rat liver mitochondria. Journal of Pharmacy and Pharmacology, 2012, 64, 1177-1187.	2.4	15
41	EPR and magnetic studies of a carboxylate-bridged dinuclear copper(II) compound: [Cu <sub>2</sub> (flu) <sub>4</sub> (dmf) <sub>2</sub> ]. Journal of the Brazilian Chemical Society, 2011, 22, 669-676.	0.6	5
42	Supramolecular assembly of new heteropolymetallic molecules based on tetraaminodiphenolate macrocycle and hexacyanometallate anions: Magnetostructural and spectroscopic properties. Polyhedron, 2011, 30, 1997-2006.	2.2	20
43	Towards the mechanisms involved in the antioxidant action of Mn(III) [meso-tetrakis(4-N-methyl) Tj ETQq1 1 0.784314 rgBT / Overlock 10	2.3	14
44	Interaction of Fe <sup>3+</sup> +meso-tetrakis (2,6-dichloro-3-sulfonatophenyl) porphyrin with cationic bilayers: magnetic switching of the porphyrin and magnetic induction at the interface. Theoretical Chemistry Accounts, 2011, 130, 829-837.	1.4	5
45	Synthesis and Characterization of Homoleptic and Heteroleptic Cobalt, Nickel, Copper, Zinc and Cadmium Compounds with the 2â€(Tosylamino)â€(tosylamino)benzylidene]aniline Ligand. European Journal of Inorganic Chemistry, 2011, 2011, 2273-2287.	2.0	14
46	On the mechanisms of phenothiazine-induced mitochondrial permeability transition: Thiol oxidation, strict Ca <sup>2+</sup> dependence, and cyt c release. Biochemical Pharmacology, 2010, 80, 1284-1295.	4.4	34
47	Oxidative Damage to Cytochrome c Induced by Aminoacetone. Free Radical Biology and Medicine, 2010, 49, S171.	2.9	1
48	Superoxide radical protects liposome-contained cytochrome c against oxidative damage promoted by peroxynitrite and free radicals. Free Radical Biology and Medicine, 2009, 47, 841-849.	2.9	12
49	Biological effects of anionic meso-tetrakis (para-sulfonatophenyl) porphyrins modulated by the metal center. Studies in rat liver mitochondria. Chemico-Biological Interactions, 2009, 181, 400-408.	4.0	13
50	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti-Mycobacterium tuberculosis activity. Polyhedron, 2009, 28, 398-406.	2.2	88
51	Magnetic resonance study of a vanadium pentoxide gel. Journal of Sol-Gel Science and Technology, 2008, 45, 195-204.	2.4	9
52	Synthesis and Structure of the Dimeric Copper(II) Complex Tetrakis[N-thiazol-2-yl-(4-methylphenyl)sulfonamidate]dicopper(II). Journal of Chemical Crystallography, 2008, 38, 71-75.	1.1	7
53	New Ni(II)-sulfonamide complexes: Synthesis, structural characterization and antibacterial properties. X-ray diffraction of [Ni(sulfisoxazole) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ]-2H <sub>2</sub> O and [Ni(sulfapyridine) <sub>2</sub> ]. Journal of Inorganic Biochemistry, 2008, 102, 285-292.	3.5	50
54	Potential antitumoral properties of a new copper complex with santonic acid. Bioorganic and Medicinal Chemistry, 2008, 16, 4313-4322.	3.0	6

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55	Analyzing Ru(III)â€“dmsO and Ru(III)â€“dms motifs in compounds used in the synthesis of the antimetastatic agents. <i>Journal of Molecular Structure</i> , 2008, 891, 64-74.	3.6	9
56	Spectroscopic, Structural, and Functional Characterization of the Alternative Low-Spin State of Horse Heart Cytochrome c. <i>Biophysical Journal</i> , 2008, 94, 4066-4077.	0.5	44
57	Isotropic and anisotropic spin-spin interactions and a quantum phase transition in a dinuclear Cu(II) compound. <i>Physical Review B</i> , 2008, 77, .	3.2	44
58	Design and characterization of bridged loop-gap resonators for use in electron paramagnetic resonance measurements. <i>Review of Scientific Instruments</i> , 2008, 79, 016104.	1.3	0
59	Study of the [Zn(H <sub>2</sub> O) <sub>4</sub> CuEDTA]Âˆ2H <sub>2</sub> O Complex, a Potential Trace-metal Supplier: Synthesis, Crystal Structure, Spectroscopic Behavior and Metal Release. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 1361-1366.	0.7	3
60	Modified silicas covalently bounded to 5,10,15,20-tetrakis(2-hydroxy-5-nitrophenyl)porphyrinato iron(III): synthesis, spectroscopic and EPR characterization. <i>Catalytic studies. Journal of the Brazilian Chemical Society</i> , 2008, 19, 344-351.	0.6	9
61	Peroxidase Catalytic Cycle of MCM-41-Entrapped Microperoxidase-11 as a Mechanism for Phenol Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3643-3652.	0.9	15
62	A seven-coordinate FeIII compound: [Fe{O(CH <sub>2</sub> CO <sub>2</sub> ) <sub>2</sub> }(H <sub>2</sub> O) <sub>2</sub> (NO <sub>3</sub> )]. Preparation, structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2007, 360, 2911-2916.	2.4	9
63	Synthesis and Characterization of Vanadium(IV) and (V) Complexes with 2-Hydroxy-acetophenone-semicarbazone (H <sub>2</sub> hasc) as Ligand. X-Ray Crystal Structures of [VO <sub>2</sub> (H <sub>2</sub> hasc)] and [VO <sub>2</sub> (Hhasc)]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 783-789.	1.2	16
64	Light-Driven Horseradish Peroxidase Cycle by Using Photo-activated Methylene Blue as the Reducing Agent. <i>Photochemistry and Photobiology</i> , 2007, 83, 1254-1262.	2.5	12
65	Reaction route control by microperoxidase-9/CTAB micelle ratios. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 1963.	2.8	9
66	Photochemically Generated Stable Cation Radical of Phenothiazine Aggregates in Mildly Acid Buffered Solutions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12257-12265.	2.6	35
67	Effect of polysaccharide capsule of the microalgae <i>Staurastrum iversenii</i> var. <i>americanum</i> on diffusion of charged and uncharged molecules, using EPR technique. <i>Brazilian Journal of Physics</i> , 2006, 36, 75.	1.4	18
68	Low spin states of microperoxidases produced by inter- and intra-peptide chain sixth ligands: Effect of pH and the oligopeptide type. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 226-238.	3.5	12
69	Efeito caotrÃ³pico do Ãœn LÃˆtio na permeabilidade da cÃªpsula polissacarÃªdica da microalga <i>Ankistrodesmus gracilis</i> (Reinsch) Korsikov (Chlorophyceae). <i>Acta Botanica Brasilica</i> , 2006, 20, 449-454.	0.8	4
70	The metal binding capacity of <i>Anabaena spiroides</i> extracellular polysaccharide: an EPR study. <i>Process Biochemistry</i> , 2005, 40, 2215-2224.	3.7	106
71	Iron porphyrins immobilised on silica surface and encapsulated in silica matrix: a comparison of their catalytic activity in hydrocarbon oxidation. <i>Journal of Molecular Catalysis A</i> , 2005, 233, 73-81.	4.8	58
72	Catalytic activity of halogenated iron porphyrins in alkene and alkane oxidations by iodossylbenzene and hydrogen peroxide. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 835-843.	0.6	27

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73	EPR Studies of Chlorocatechol 1,2-Dioxygenase: Evidences of Iron Reduction during Catalysis and of the Binding of Amphipatic Molecules. <i>Biophysical Journal</i> , 2005, 88, 3502-3508.	0.5	23
74	Protonation of two adjacent tyrosine residues influences the reduction of cytochrome c by diphenylacetaldehyde: a possible mechanism to select the reducer agent of heme iron. <i>Free Radical Biology and Medicine</i> , 2004, 36, 802-810.	2.9	12
75	Electron Paramagnetic Resonance Study of Weak Exchange Interactions between Metal Ions in a Model System: $\text{Cu}(\text{Gly-Trp})_n$ . <i>Journal of Physical Chemistry B</i> , 2004, 108, 9549-9555.	2.6	22
76	Microperoxidase-8 Associated to CTAB Micelles: A New Catalyst with Peroxidase Activity. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11124-11132.	2.6	8
77	Changes in the Spin State and Reactivity of Cytochrome c Induced by Photochemically Generated Singlet Oxygen and Free Radicals. <i>Journal of Biological Chemistry</i> , 2004, 279, 39214-39222.	3.4	59
78	DMPG gel fluid thermal transition monitored by a phospholipid spin labeled at the acyl chain end. <i>Chemistry and Physics of Lipids</i> , 2003, 124, 69-80.	3.2	37
79	Spectroscopic study of a water-soluble iron(III) meso-tetrakis(4-N-methylpyridiniumyl) porphyrin in aqueous solution: effects of pH and salt. <i>Journal of Inorganic Biochemistry</i> , 2003, 94, 127-137.	3.5	13
80	Transport of spin-labelled molecules through the capsule of <i>Nephrocytium lunatum</i> (Chlorococcales) studied by electron paramagnetic resonance. <i>Phycologia</i> , 2003, 42, 465-472.	1.4	2
81	Modulation of cytochrome c spin states by lipid acyl chains: a continuous-wave electron paramagnetic resonance (CW-EPR) study of haem iron. <i>Biochemical Journal</i> , 2003, 370, 671-678.	3.7	43
82	Crystal structure, electrochemical and spectroscopic properties of the trans-K $\{[\text{FeCl}(\text{NO})(\text{cyclam})] \cdot [\text{FeCl}(\text{NO})(\text{cyclam})]_2\}$ (PF $_6$ ) $_6$ complex. <i>Dalton Transactions RSC</i> , 2002, , 1903-1906.	2.3	17
83	Iron(III)-tetra-o-ureaphenylporphyrinosilica obtained by a sol-gel process: a study of EPR, surface area and catalytic activity. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 101-108.	3.1	12
84	Immobilization of $\text{Fe}^{2+}$ halogenated ironporphyrin in the silica matrix by the sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 2002, 304, 151-159.	3.1	21
85	Supported iron(III)porphyrins pentafluorophenyl-derivatives as catalysts in epoxidation reactions by H $_2$ O $_2$ : the role of the silica-support and sulfonatophenyl residues in the activation of the peroxidic bond. <i>Journal of Molecular Catalysis A</i> , 2002, 188, 141-151.	4.8	52
86	Synthesis, structure and characterisation of a Mn(IV) complex with a potentially tridentate phosphinothiol ligand. <i>Inorganic Chemistry Communication</i> , 2002, 5, 337-339.	3.9	6
87	Syntheses, characterization and X-ray structures of the fac-[RuCl $_3$ (NO)(dppe)] and the trans-[RuCl(NO)(dppe) $_2$ ] $_2^+$ species. <i>Journal of Inorganic Biochemistry</i> , 2002, 92, 82-88.	3.5	22
88	Synthesis, structure and properties of a new unsymmetric tetranuclear mixed-valence vanadium(IV/V) complex containing distinct V $_{2}O_{3}^{3+}$ cores. <i>Inorganic Chemistry Communication</i> , 2002, 5, 418-421.	3.9	15
89	Electrochemical synthesis and crystal structures of nickel(II), copper(II), zinc(II) and cadmium(II) complexes with N,N'-bis[(4-methylphenyl)sulfonyl]ethylenediamine. <i>Inorganica Chimica Acta</i> , 2002, 328, 111-122.	2.4	17
90	Magnetic properties of a bishelical [4 + 4 + 4] trinuclear copper(ii) complex. <i>Dalton Transactions RSC</i> , 2002, , 1030-1035.	2.3	30

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91	Magnetic Properties of Carboxylate-Bridged Ferromagnetic Copper(II) Chains Coupled by Cationic Interactions. <i>Journal of Physical Chemistry B</i> , 2001, 105, 5039-5047.	2.6	48
92	Amino ironporphyrinosilica hybrid materials. <i>Journal of Non-Crystalline Solids</i> , 2001, 284, 27-33.	3.1	16
93	Ironporphyrins trapped sol-gel glasses: a chemometric approach. <i>Journal of Non-Crystalline Solids</i> , 2001, 284, 174-182.	3.1	17
94	Hydrophobic Interactions between Spin-Label 5-SASL and Humic Acid As Revealed by ESR Spectroscopy. <i>Environmental Science &amp; Technology</i> , 2001, 35, 761-765.	10.0	46
95	Catalytic activity of nitro- and carboxy-substituted iron porphyrins in hydrocarbon oxidation. <i>Journal of Molecular Catalysis A</i> , 2001, 174, 213-222.	4.8	68
96	Co(II), Ni(II) and Cu(II) mononuclear and polynuclear complexes influenced by the aliphatic spacer length of their O <sub>2</sub> N <sub>2</sub> O <sub>2</sub> Schiff bases. <i>Inorganica Chimica Acta</i> , 2001, 318, 135-142.	2.4	12
97	Effect of Heme Iron Valence State on the Conformation of Cytochrome c and Its Association with Membrane Interfaces. <i>Journal of Biological Chemistry</i> , 2001, 276, 153-158.	3.4	95
98	A SIMPLE ROUTE FOR SYNTHESIS OF TRIHALIDE-BRIDGED CARBONYL DIRUTHENIUM(II,III) COMPLEXES: CRYSTAL AND MOLECULAR STRUCTURE OF $[\text{Ru}^{\text{II}}\text{Cl}_2(\text{CO})(\text{PPh}_3)_2]$ , $[(\text{CO})(\text{AsPh}_3)_2]_2$ AND $[(\text{CO})(\text{PPh}_3)_2\text{Ru}^{\text{II}}(\text{Br}_3)\text{Ru}^{\text{III}}\text{Br}_2(\text{PPh}_3)_3]$ , SPECTROSCOPIES, ELECTROCHEMISTRY AND PROPERTIES. <i>Journal of Coordination Chemistry</i> , 2001, 54, 81-81.	2.2	17
99	Structure and single crystal EPR study of Cu(II)(l-threonine) <sub>2</sub> ·H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , 2000, 305, 19-25.	2.4	29
100	Modifications in heme iron of free and vesicle bound cytochrome c by tert-butyl hydroperoxide: a magnetic circular dichroism and electron paramagnetic resonance investigation. <i>Free Radical Biology and Medicine</i> , 2000, 28, 786-796.	2.9	31
101	EPR and electrochemistry of $[\text{NH}_4]\text{trans}[\text{RuCl}_4(\text{DMSO})(\text{L})]$ complexes (L = DMSO, py). X-ray molecular structure of $[\text{pyH}][\text{RuCl}_4(\text{DMSO})(\text{py})]$ . <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 530-536.	0.6	22
102	Synthesis of fluorinated metalloporphyrinosilica imprinted with templates through sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 2000, 273, 100-108.	3.1	35
103	Synthesis of manganese porphyrinosilica imprinted with templates using the sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 2000, 273, 150-158.	3.1	20
104	Characterization and catalytic activity of iron(III) mono(4-N-methyl pyridyl)-tris(halophenyl) porphyrins in homogeneous and heterogeneous systems. <i>Journal of Molecular Catalysis A</i> , 1999, 150, 251-266.	4.8	34
105	Structural and thermodynamic studies of KM <sup>+</sup> , a d-mannose binding lectin from <i>Artocarpus integrifolia</i> seeds. <i>Biophysical Chemistry</i> , 1999, 79, 81-93.	2.8	10
106	Polymeric organic-inorganic hybrid material containing iron(III) porphyrin using sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 1999, 247, 146-152.	3.1	31
107	Probing DMPC vesicle surface with a cationic aqueous soluble spin label. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1418, 133-146.	2.6	35
108	Crystal Structures and Magnetic Properties of CuX <sub>2</sub> (pdmp) <sub>2</sub> Complexes (X = Br, Cl). <i>Inorganic Chemistry</i> , 1999, 38, 4413-4421.	4.0	24



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109	Synthesis and Characterization of [RuCl <sub>3</sub> (P-P)(H <sub>2</sub> O)] Complexes; P-P = Achiral or Chiral, Chelating Ditertiary Phosphine Ligands. <i>Inorganic Chemistry</i> , 1999, 38, 5341-5345.	4.0	60
110	KINETIC STUDIES OF THE OXIDATION OF bis[1-HYDROXY-2-(SALICYLIDENEAMINO)-ETHANE]MANGANESE(II) BY MOLECULAR OXYGEN. <i>Journal of Coordination Chemistry</i> , 1999, 47, 479-498.	2.2	2
111	Reactivity of the bis[1-Hydroxy-2-(Salicylideneamino)Ethane]Manganese(II) complex toward hydrogen peroxide: Kinetics and intermediates of reaction. , 1998, 30, 889-897.		3
112	SELECTIVE PERMEABILITY OF THE EXTRACELLULAR ENVELOPE OF THE MICROALGA SPONDYLIOSIUM PANDURIFORME (CHLOROPHYCEAE) AS REVEALED BY ELECTRON PARAMAGNETIC RESONANCE. <i>Journal of Phycology</i> , 1998, 34, 631-637.	2.3	8
113	Precision Relative Aggregation Number Determinations of SDS Micelles Using a Spin Probe. A Model of Micelle Surface Hydration. <i>Journal of Physical Chemistry B</i> , 1998, 102, 10347-10358.	2.6	207
114	Magnetic Interactions in the Copper Complex (l-Aspartato)(1,10-phenanthroline)copper(II) Hydrate. An Exchange-Coupled Extended System with Two Dissimilar Copper Ions. <i>Inorganic Chemistry</i> , 1997, 36, 3183-3189.	4.0	23
115	Ru(II) complexes with the ligand 1,2-cis(diphenylphosphino)ethylene: chemical and electrochemical synthesis, characterization and X-ray structure. <i>Inorganica Chimica Acta</i> , 1997, 258, 131-137.	2.4	17
116	Characterization and catalytic activity of 2,6-dichlorophenyl substituted iron(III)porphyrin supported on silica gel and imidazole propyl gel. <i>Journal of Molecular Catalysis A</i> , 1997, 116, 405-420.	4.8	24
117	Manganese(III) porphyrins: catalytic activity and intermediate studies in homogeneous systems. <i>Journal of Molecular Catalysis A</i> , 1997, 116, 365-374.	4.8	41
118	Study of the catalytical intermediates of metalloporphyrins supported on imidazole propyl gel. <i>Journal of Molecular Catalysis A</i> , 1997, 117, 259-271.	4.8	14
119	Synthesis, characterization and molecular structures of the pyridinium trans-Bis(pyridine)tetrachlororuthenate(III) and pyridinium trans-(carbonyl)(pyridine)tetrachlororuthenate(III). <i>Journal of the Brazilian Chemical Society</i> , 1997, 8, 641-647.	0.6	2
120	EPR spectroscopy and exchange interaction parameters in Cu(glycine) <sub>2</sub> ·H <sub>2</sub> O. <i>Physica B: Condensed Matter</i> , 1996, 225, 63-75.	2.7	22
121	Temperature-Dependent Hyperfine Coupling Constant of the Dianion Radical of Fremy's Salt, a Convenient Internal Thermometer for EPR Spectroscopy. <i>Journal of Magnetic Resonance Series A</i> , 1996, 118, 227-233.	1.6	16
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124	Ruthenium complexes containing tertiary phosphines and imidazole or 2,2'-bipyridine ligands. <i>Inorganica Chimica Acta</i> , 1995, 230, 111-117.	2.4	25
125	Synthesis, crystal structure, electrochemical and spectroscopic properties of [Ru(BBPEN)][PF <sub>6</sub> ] <sub>2</sub> ·H <sub>2</sub> O. Crystal structure of the H <sub>2</sub> BBPEN [H <sub>2</sub> BBPEN = N,N'-bis(2-hydroxybenzyl)-N,N'-bis(2-methylpyridyl)ethylenediamine]. <i>Polyhedron</i> , 1995, 14, 1307-1314.	2.2	11
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