

Izaura C N DiÃ³genes

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Direct Electrochemistry and Electrocatalysis of Myoglobin Immobilized on <sc> </sc>-Cysteine Self-Assembled Gold Electrode. <i>Langmuir</i> , 2011, 27, 2052-2057.	1.6	37
2	Thermodynamic, Kinetic, Surface p<i>K</i>_a, and Structural Aspects of Self-Assembled Monolayers of Thio Compounds on Gold. <i>Langmuir</i> , 2012, 28, 17825-17831.	1.6	29
3	[Fe(CN)5(isoniazid)]3âˆ»: An iron isoniazid complex with redox behavior implicated in tuberculosis therapy. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 236-244.	1.5	26
4	Hydroxyl Radical Generation and DNA Nuclease Activity: A Mechanistic Study Based on a Surfaceâ€Immobilized Copper Thioether Clipâ€Phen Derivative. <i>Chemistry - A European Journal</i> , 2016, 22, 10081-10089.	1.7	23
5	Electron transfer kinetics and mechanistic study of the thionicotinamide coordinated to the pentacyanoferrate(III)/(II) complexes: a model system for the in vitro activation of thioamides anti-tuberculosis drugs. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 368-375.	1.5	21
6	Synthesis, characterization and structure of ruthenium(II) phosphine complexes with N-heterocyclic thiolate ligands. <i>Inorganica Chimica Acta</i> , 2006, 359, 391-400.	1.2	21
7	Water-mediated reduction of [Cu(dmp)₂(CH₃CN)]²⁺: implications of the structure of a classical complex on its activity as an anticancer drug. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3238-3252.	3.0	20
8	Understanding the Equilibria of Thio Compounds Adsorbed on Gold by Surface-Enhanced Raman Scattering and Density Functional Theory Calculations. <i>Journal of Physical Chemistry C</i> , 2013, 117, 6275-6283.	1.5	17
9	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.	3.0	12
10	A study of pyridinethiolate derivative complexes adsorbed on gold by surface-enhanced Raman scattering. <i>Journal of Electroanalytical Chemistry</i> , 2007, 605, 1-7.	1.9	11
11	Electrochemistry, Surface Plasmon Resonance, and Quartz Crystal Microbalance: An Associative Study on Cytochrome <i>c</i> Adsorption on Pyridine Tail-Group Monolayers on Gold. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8673-8680.	1.2	11
12	A spectroelectrochemical investigation of the hemeâ€based sensor DevSÂfrom <i>MycobacteriumÂtuberculosis</i>: a redox <i>versus</i> oxygen sensor. <i>FEBS Journal</i> , 2019, 286, 4278-4293.	2.2	11
13	Ascorbyl and hydroxyl radical generation mediated by a copper complex adsorbed on gold. <i>Dalton Transactions</i> , 2019, 48, 14128-14137.	1.6	11
14	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.	1.6	11
15	The Heme-Based Oxygen Sensor Rhizobium etli FixL: Influence of Auxiliary Ligands on Heme Redox Potential and Implications on the Enzyme Activity. <i>Journal of Inorganic Biochemistry</i> , 2016, 164, 34-41.	1.5	10
16	Synthesis, characterization, and SAMs electroactivity of ruthenium complexes with sulfur containing ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3691-3699.	0.8	9
17	Chitosan Film Containing an Iron Complex: Synthesis and Prospects for Heterocyclic Aromatic Amines (HAAs) Recognition. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1387-1394.	2.4	9
18	SAM of Gliotoxin on Gold: A Natural Product Platform for Sugar Recognition based on the Immobilization of Canavalia brasiliensis lectin (ConBr). <i>Electrochimica Acta</i> , 2017, 241, 116-123.	2.6	8

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19	Magnetic nanoparticles as a support for a copper (II) complex with nuclease activity. Journal of Inorganic Biochemistry, 2018, 186, 294-300.	1.5	7
20	AFM and hydrodynamic electrochemical characterization of the self-assembled 1,4-dithiane on gold surface. Journal of Electroanalytical Chemistry, 2007, 603, 21-26.	1.9	6
21	Potential therapeutic approaches for a sleeping pathogen: tuberculosis a case for bioinorganic chemistry. Journal of Biological Inorganic Chemistry, 2020, 25, 685-704.	1.1	6
22	Release of Cyanopyridine from a Ruthenium Complex Adsorbed on Gold: Surface-Enhanced Raman Scattering, Electrochemistry, and Density Functional Theory Analyses. Journal of Physical Chemistry C, 2014, 118, 27925-27932.	1.5	5
23	On the correlation between electronic intramolecular delocalization and Au-S bonding strength of ruthenium tetraammine SAMs. Journal of the Brazilian Chemical Society, 2010, 21, 1283-1292.	0.6	4
24	Electrochemical, surface enhanced Raman scattering and surface plasmon resonance investigations on the coordination of cyanopyridine to ruthenium on surface. Electrochimica Acta, 2014, 122, 204-209.	2.6	4
25	Modification of Gold's Work Function upon Adsorption of Mercaptobiphenylcarbonitrile: Experimental Evidence for a Theoretical Prediction. Journal of Physical Chemistry C, 2018, 122, 6083-6092.	1.5	4
26	Preparation, characterization and structure of ruthenium phosphine complexes containing non-innocent ligands. Polyhedron, 2012, 31, 104-109.	1.0	2
27	Experimental and Computational Studies of the Adsorption of Furan, Pyrrole, and Thiophene on Hydroxyapatites in a Single and Ternary Component. Journal of the Brazilian Chemical Society, 2019, , .	0.6	1
28	Effect of Crotalus basiliscus snake venom on the redox reaction of myoglobin. Journal of Biological Inorganic Chemistry, 2019, 24, 171-178.	1.1	1
29	Furfural Hydrodeoxygenation over a Ruthenium-Based Bifunctional Catalyst in the Presence of a Direct Source of H ₂ . Journal of the Brazilian Chemical Society, 0, , .	0.6	0
30	Photophysical properties of push-pull type chromophores of aryl-substituted bipyridines in different solvents. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 425, 113687.	2.0	0