

TÃ©rcio De F Paulo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/868704/publications.pdf>

Version: 2024-02-01

29
papers

337
citations

840119

11
h-index

887659

17
g-index

29
all docs

29
docs citations

29
times ranked

493
citing authors

#	ARTICLE	IF	CITATIONS
1	Aryl-Substituted Ruthenium(II) Complexes: A Strategy for Enhanced Photocleavage and Efficient DNA Binding. <i>Inorganic Chemistry</i> , 2017, 56, 9084-9096.	1.9	39
2	Direct Electrochemistry and Electrocatalysis of Myoglobin Immobilized on γ -Cysteine Self-Assembled Gold Electrode. <i>Langmuir</i> , 2011, 27, 2052-2057.	1.6	37
3	Thermodynamic, Kinetic, Surface K_a , and Structural Aspects of Self-Assembled Monolayers of Thio Compounds on Gold. <i>Langmuir</i> , 2012, 28, 17825-17831.	1.6	29
4	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.	1.7	23
5	A biphosphinic ruthenium complex with potent anti-bacterial and anti-cancer activity. <i>New Journal of Chemistry</i> , 2017, 41, 13085-13095.	1.4	22
6	Thiocarbonyl-bound metallonitrosyl complexes with visible-light induced DNA cleavage and promising vasodilation activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 83-91.	1.5	19
7	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
8	Bioinorganic systems responsive to the diatomic gases O ₂ , NO, and CO: From biological sensors to therapy. <i>Coordination Chemistry Reviews</i> , 2021, 445, 214096.	9.5	14
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	5-(4-pyridinyl)-1,3,4-oxadiazole-2-thiol on gold: SAM Formation and electroactivity. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 711-719.	0.6	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 heme-based sensor Dev from <i>Mycobacterium tuberculosis</i> : a redox versus oxygen sensor. <i>FEBS Journal</i> , 2019, 286, 4278-4293.	2.2	11
13	The Heme-Based Oxygen Sensor <i>Rhizobium etli</i> 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
14	Thionicotinamide SAM on Gold: Adsorption Studies and Electroactivity. <i>Electroanalysis</i> , 2009, 21, 1081-1089.	1.5	9
15	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
16	SAM of Gliotoxin on Gold: A Natural Product Platform for Sugar Recognition based on the Immobilization of <i>Canavalia brasiliensis</i> lectin (ConBr). <i>Electrochimica Acta</i> , 2017, 241, 116-123.	2.6	8
17	Structural, photophysical and electrochemical properties of a novel cardanol-based salophen ligand and its Mn(II) complex. <i>Journal of Molecular Structure</i> , 2019, 1181, 279-286.	1.8	8
18	Pentacyanoferrate(II) complex of pyridine-4- and pyrazine-2-hydroxamic acid as source of HNO: investigation of anti-tubercular and vasodilation activities. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 887-901.	1.1	8

#	ARTICLE	IF	CITATIONS
19	Magnetic nanoparticles as a support for a copper (II) complex with nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 294-300.	1.5	7
20	A divergent mode of activation of a nitrosyl iron complex with unusual antiangiogenic activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111133.	1.5	7
21	Release of Cyanopyridine from a Ruthenium Complex Adsorbed on Gold: Surface-Enhanced Raman Scattering, Electrochemistry, and Density Functional Theory Analyses. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27925-27932.	1.5	5
22	On the correlation between electronic intramolecular delocalization and Au-S bonding strength of ruthenium tetraammine SAMs. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1283-1292.	0.6	4
23	Electrochemical, surface enhanced Raman scattering and surface plasmon resonance investigations on the coordination of cyanopyridine to ruthenium on surface. <i>Electrochimica Acta</i> , 2014, 122, 204-209.	2.6	4
24	A bis-indazolic ruthenium(II) complex: Reactivity and biological studies on cancer cells. <i>Inorganica Chimica Acta</i> , 2021, 516, 120125.	1.2	4
25	Further Insights into the Oxidative Pathway of Thiocarbonyl-Type Antitubercular Prodrugs: Ethionamide, Thioacetazone, and Isoxyl. <i>Chemical Research in Toxicology</i> , 2021, 34, 1879-1889.	1.7	4
26	Asymmetric heterobimetallic mixed-valence complex trans-[(SO ₃)Co(cyclam)(NCS)Ru(NH ₃) ₄ (NCS)](BF ₄): Synthesis and characterization. <i>Polyhedron</i> , 2011, 30, 2083-2089.	1.0	2
27	Mixed-valence state of symmetric diruthenium complexes: synthesis, characterization, and electron transfer investigation. <i>Dalton Transactions</i> , 2012, 41, 14540.	1.6	2
28	Effect of <i>Crotalus basiliscus</i> snake venom on the redox reaction of myoglobin. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 171-178.	1.1	1
29	Photophysical properties of push-pull type chromophores of aryl-substituted bipyridines in different solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 425, 113687.	2.0	0