

Leandro M C Pinto

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

454
citations

759055

12
h-index

752573

20
g-index

36
all docs

36
docs citations

36
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion behavior of Tiâ€“13Nbâ€“13Zr alloy used as a biomaterial. <i>Journal of Alloys and Compounds</i> , 2009, 476, 172-175.	2.8	78
2	Why Silver Deposition is so Fast: Solving the Enigma of Metal Deposition. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7883-7885.	7.2	47
3	On the Electrochemical Deposition and Dissolution of Divalent Metal Ions. <i>ChemPhysChem</i> , 2014, 15, 132-138.	1.0	28
4	Electrochemical Adsorption of OH on Pt(111) in Alkaline Solutions: Combining DFT and Molecular Dynamics. <i>ChemPhysChem</i> , 2014, 15, 2003-2009.	1.0	24
5	Synthesis and structural characterization of new heteroleptic copper(I) complexes based on mixed phosphine/thiocarbamoyl-pyrazoline ligands. <i>Polyhedron</i> , 2017, 121, 185-190.	1.0	23
6	A scenario for oxygen reduction in alkaline media. <i>Nano Energy</i> , 2016, 26, 558-564.	8.2	20
7	Sonochemical synthesis of highly luminescent silver complexes: Photophysical properties and preliminary in vitro antitumor and antibacterial assays. <i>Inorganica Chimica Acta</i> , 2019, 492, 235-242.	1.2	18
8	Corrosion behavior of HA-316L SS biocomposites in aqueous solutions. <i>Materials Research</i> , 2013, 16, 1254-1259.	0.6	17
9	Oxygen Adsorption on PdPt/Au(111) â€“ DFT Calculations. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8213-8216.	1.5	17
10	Oxygen Reduction in Alkaline Mediaâ€”a Discussion. <i>Electrocatalysis</i> , 2017, 8, 554-564.	1.5	17
11	A scenario for oxygen reduction in alkaline media. <i>Nano Energy</i> , 2016, 29, 362-368.	8.2	15
12	Hydrogen oxidation on ordered intermetallic phases of platinum and tin â€“ A combined experimental and theoretical study. <i>Catalysis Today</i> , 2013, 202, 191-196.	2.2	13
13	Hydrogen adsorption in the presence of coadsorbed CO on Pd(111). <i>Electrochemistry Communications</i> , 2018, 93, 100-103.	2.3	13
14	Oxygen Reduction on Ag(100) in Alkaline Solutionsâ€”A Theoretical Study. <i>ChemPhysChem</i> , 2016, 17, 500-505.	1.0	12
15	Preparation and characterization of ordered intermetallic platinum phases for electrocatalytic applications. <i>Intermetallics</i> , 2008, 16, 246-254.	1.8	10
16	Some properties of intermetallic compounds of Sn with noble metals relevant for hydrogen electrocatalysis. <i>Electrochimica Acta</i> , 2014, 116, 39-43.	2.6	9
17	Stereoselective total synthesis of (S)- and (R)-nuciferine using benzyne chemistry. <i>Tetrahedron</i> , 2020, 76, 131461.	1.0	9
18	Harvesting greenish blue luminescence in gold(<sc>i</sc>) complexes and their application as promising bioactive molecules and cellular bioimaging agents. <i>New Journal of Chemistry</i> , 2020, 44, 6862-6871.	1.4	9

#	ARTICLE	IF	CITATIONS
19	Non-noble metal (Ni, Cu)-carbon composite derived from porous organic polymers for high-performance seawater electrolysis. <i>Environmental Pollution</i> , 2021, 289, 117861.	3.7	9
20	New complexes of usnate with lanthanides ions: La(III), Nd(III), Tb(III), Gd(III), synthesis, characterization, and investigation of cytotoxic properties in MCF-7 cells. <i>Inorganica Chimica Acta</i> , 2020, 506, 119546.	1.2	8
21	Interstitial oxygen's influence on the corrosion behavior of Ti-9Mo alloys. <i>Materials Research</i> , 2013, 16, 1405-1410.	0.6	7
22	Copper (II) complexes with novel Schiff-based ligands: synthesis, crystal structure, thermal (TGA/DSC/FT-IR), spectroscopic (FT-IR, UV-Vis) and theoretical studies. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 4087-4098.	2.0	7
23	Selected properties of Pt(111) modified surfaces: A DFT study. <i>Electrochemistry Communications</i> , 2015, 60, 135-138.	2.3	6
24	Synthesis, crystalline structures and photophysical properties of new cadmium iodide complexes with thiocarbamoyl-pyrazoline ligands. <i>Inorganica Chimica Acta</i> , 2018, 483, 293-298.	1.2	6
25	How decoration with TI affects CO electro-oxidation on Pd (1 0 0) nanocubes: In situ FTIR and ab-initio insights. <i>Journal of Electroanalytical Chemistry</i> , 2021, 886, 115149.	1.9	6
26	Thermal analysis combined with X-ray diffraction/Rietveld method, FT-IR and UV-vis spectroscopy: Structural characterization of the lanthanum and cerium (III) polycrystalline complexes. <i>Thermochimica Acta</i> , 2020, 690, 178662.	1.2	5
27	Oxygen Reduction Reaction on a Cu ^{II} Complex of 3,5-Diamino-1,2,4-triazole: A DFT Approach. <i>ACS Omega</i> , 2020, 5, 1581-1585.	1.6	4
28	Copper Deposition from Chloride-Containing Aqueous Solutions: Catalysis and the Role of the Water Structure. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1811-1818.	1.5	4
29	CuII-benzotriazole complex activity in the electrocatalysis of oxygen reduction reaction: A theoretical study. <i>Chemical Physics Letters</i> , 2020, 759, 137982.	1.2	3
30	Synthesis and structural characterization of new gold(I) complexes as bioactive and antitumor agents. <i>Polyhedron</i> , 2022, 213, 115626.	1.0	2
31	Synthesis and structure of a praseodymium (III) complex with carboxylate ligand: A thermal and spectroscopic study. <i>Journal of Rare Earths</i> , 2018, 36, 1090-1097.	2.5	1
32	Co(II), Ni(II), and Zn(II) complexes based on new hybrid imine-pyrazole ligands: structural, spectroscopic, and electronic properties. <i>Journal of Molecular Modeling</i> , 2022, 28, .	0.8	1
33	Ce _{0.5} La _{0.5} Ni ₉ Ge ₄ compound: Why is cerium valence not 3+?. <i>Chinese Journal of Physics</i> , 2020, 67, 473-481.	2.0	0
34	A Study of the Molecular Moieties Involved in Oxidation/Reduction via the Coupling of DFT and Electrochemical Data. <i>Topics in Catalysis</i> , 0, , 1.	1.3	0