

Eulalia Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,838
citations

147726

31
h-index

123376

61
g-index

83
all docs

83
docs citations

83
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between gold nanoparticles and blood proteins to define disease states. <i>Annals of Medicine</i> , 2024, 51, 37-37.	1.5	1
2	Application of synthetic recombinant multi-epitope antigens and gold nanoparticles for a <i>Pneumocystis</i> pneumonia rapid diagnostic test. <i>Annals of Medicine</i> , 2024, 51, 92-92.	1.5	0
3	Cellular uptake and toxicity of gold nanoparticles on two distinct hepatic cell models. <i>Toxicology in Vitro</i> , 2021, 70, 105046.	1.1	30
4	Fe ₃ O ₄ -Au Core-Shell Nanoparticles as a Multimodal Platform for In Vivo Imaging and Focused Photothermal Therapy. <i>Pharmaceutics</i> , 2021, 13, 416.	2.0	34
5	Biosensor Based Immunoassay: A New Approach for Serotyping of <i>Toxoplasma gondii</i> . <i>Nanomaterials</i> , 2021, 11, 2065.	1.9	8
6	Reusable and highly sensitive SERS immunoassay utilizing gold nanostars and a cellulose hydrogel-based platform. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7516-7529.	2.9	18
7	Binary ionic iron(III) porphyrin nanostructured materials with catalase-like activity. <i>Applied Materials Today</i> , 2020, 21, 100830.	2.3	6
8	Silver Nanostars-Coated Surfaces with Potent Biocidal Properties. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7891.	1.2	5
9	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. <i>Nanomaterials</i> , 2020, 10, 995.	1.9	46
10	Study of the intestinal uptake and permeability of gold nanoparticles using both <i>in vitro</i> and <i>in vivo</i> approaches. <i>Nanotechnology</i> , 2020, 31, 195102.	1.3	16
11	Design and Simple Assembly of Gold Nanostar Bioconjugates for Surface-Enhanced Raman Spectroscopy Immunoassays. <i>Nanomaterials</i> , 2019, 9, 1561.	1.9	19
12	Star-Shaped Gold Nanoparticles as Friendly Interfaces for Protein Electrochemistry: the Case Study of Cytochrome <i>c</i> . <i>ChemElectroChem</i> , 2019, 6, 4696-4703.	1.7	9
13	Expedite SERS Fingerprinting of Portuguese White Wines Using Plasmonic Silver Nanostars. <i>Frontiers in Chemistry</i> , 2019, 7, 368.	1.8	10
14	A multiparametric study of gold nanoparticles cytotoxicity, internalization and permeability using an <i>in vitro</i> model of blood-brain barrier. Influence of size, shape and capping agent. <i>Nanotoxicology</i> , 2019, 13, 990-1004.	1.6	26
15	Synthesis and Characterization of Elongated-Shaped Silver Nanoparticles as a Biocompatible Anisotropic SERS Probe for Intracellular Imaging: Theoretical Modeling and Experimental Verification. <i>Nanomaterials</i> , 2019, 9, 256.	1.9	27
16	Amphiphilic polypyridyl ruthenium complexes: Synthesis, characterization and aggregation studies. <i>Polyhedron</i> , 2019, 164, 96-107.	1.0	3
17	A Metabolomic Approach for the In Vivo Study of Gold Nanospheres and Nanostars after a Single-Dose Intravenous Administration to Wistar Rats. <i>Nanomaterials</i> , 2019, 9, 1606.	1.9	15
18	Development of a Gold Nanoparticle-Based Lateral-Flow Immunoassay for <i>Pneumocystis Pneumonia</i> Serological Diagnosis at Point-of-Care. <i>Frontiers in Microbiology</i> , 2019, 10, 2917.	1.5	29

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19	Value of schizophrenia treatment I: The patient journey. <i>European Psychiatry</i> , 2018, 53, 107-115.	0.1	28
20	Measurement of adsorption constants of laccase on gold nanoparticles to evaluate the enhancement in enzyme activity of adsorbed laccase. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16761-16769.	1.3	11
21	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
22	Office paper decorated with silver nanostars - an alternative cost effective platform for trace analyte detection by SERS. <i>Scientific Reports</i> , 2017, 7, 2480.	1.6	86
23	A direct comparison of experimental methods to measure dimensions of synthetic nanoparticles. <i>Ultramicroscopy</i> , 2017, 182, 179-190.	0.8	225
24	Metal complexes of hydroxynaphthoquinones: Lawsone, bis-lawsone, lapachol, plumbagin and juglone. <i>Journal of Molecular Structure</i> , 2017, 1148, 435-458.	1.8	32
25	Ionic self-assembly reactions of a porphyrin octacation. <i>Tetrahedron</i> , 2016, 72, 6988-6995.	1.0	8
26	Unravelling Malaria Antigen Binding to Antibody-Gold Nanoparticle Conjugates. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 906-915.	1.2	10
27	<i>In vitro</i> cytotoxicity of superparamagnetic iron oxide nanoparticles on neuronal and glial cells. Evaluation of nanoparticle interference with viability tests. <i>Journal of Applied Toxicology</i> , 2016, 36, 361-372.	1.4	79
28	Star-shaped magnetite-gold nanoparticles for protein magnetic separation and SERS detection. <i>RSC Advances</i> , 2014, 4, 3690-3698.	1.7	86
29	Gold Nanoparticles as (Bio)Chemical Sensors. <i>Comprehensive Analytical Chemistry</i> , 2014, 66, 529-567.	0.7	20
30	Novel polyoxometalate silica nano-sized spheres: efficient catalysts for olefin oxidation and the deep desulfurization process. <i>Dalton Transactions</i> , 2014, 43, 9518-9528.	1.6	72
31	Localized surface plasmon resonance (LSPR) biosensing using gold nanotriangles: detection of DNA hybridization events at room temperature. <i>Analyst</i> , 2014, 139, 4964-4973.	1.7	65
32	Correction to Use of Gold Nanoparticles as Additives in Protein Crystallization. <i>Crystal Growth and Design</i> , 2014, 14, 888-888.	1.4	0
33	Use of Gold Nanoparticles as Additives in Protein Crystallization. <i>Crystal Growth and Design</i> , 2014, 14, 222-227.	1.4	22
34	Synthesis, characterization and antibacterial studies of a copper(II) lomefloxacin ternary complex. <i>Journal of Inorganic Biochemistry</i> , 2014, 131, 21-29.	1.5	40
35	Fluoroquinolone-metal complexes: A route to counteract bacterial resistance?. <i>Journal of Inorganic Biochemistry</i> , 2014, 138, 129-143.	1.5	51
36	Short- and long-term distribution and toxicity of gold nanoparticles in the rat after a single-dose intravenous administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1757-1766.	1.7	117

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37	O que é feito da nanotecnologia?. Revista De Ciência Elementar, 2014, 2, .	0.0	0
38	Influence of the surface coating on the cytotoxicity, genotoxicity and uptake of gold nanoparticles in human HepG2 cells. Journal of Applied Toxicology, 2013, 33, 1111-1119.	1.4	92
39	Europium Polyoxometalates Encapsulated in Silica Nanoparticles – Characterization and Photoluminescence Studies. European Journal of Inorganic Chemistry, 2013, 2013, 2877-2886.	1.0	26
40	Gold Nanoparticles and Proteins, Interaction. , 2013, , 908-915.		6
41	Controlled adsorption of cytochrome c to nanostructured gold surfaces. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	9
42	Effect of surface coating on the biodistribution profile of gold nanoparticles in the rat. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 185-193.	2.0	76
43	Synthesis, characterization and antibacterial studies of a copper(II) levofloxacin ternary complex. Journal of Inorganic Biochemistry, 2012, 110, 64-71.	1.5	82
44	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. Analytical and Bioanalytical Chemistry, 2012, 402, 1019-1027.	1.9	69
45	Nanoparticles in Molecular Diagnostics. Progress in Molecular Biology and Translational Science, 2011, 104, 427-488.	0.9	47
46	Bionanoconjugates of tyrosinase and peptide-derivatised gold nanoparticles for biosensing of phenolic compounds. Journal of Nanoparticle Research, 2011, 13, 1101-1113.	0.8	19
47	Synthesis of gold nanocubes in aqueous solution with remarkable shape-selectivity. Journal of Porphyrins and Phthalocyanines, 2011, 15, 441-448.	0.4	7
48	Solution and biological behaviour of enrofloxacin metalloantibiotics: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2010, 104, 843-850.	1.5	35
49	New insights into the use of magnetic force microscopy to discriminate between magnetic and nonmagnetic nanoparticles. Nanotechnology, 2010, 21, 305706.	1.3	59
50	Superparamagnetic $\text{Fe}_3\text{O}_4/\text{SiO}_2$ nanoparticles: a novel support for the immobilization of $[\text{VO}(\text{acac})_2]$. Dalton Transactions, 2010, 39, 2842.	1.6	109
51	Gold-silver-alloy nanoprobe for one-pot multiplex DNA detection. Nanotechnology, 2010, 21, 255101.	1.3	34
52	One-pot synthesis of triangular gold nanoplates allowing broad and fine tuning of edge length. Nanoscale, 2010, 2, 2209.	2.8	73
53	Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. Journal of Inorganic Biochemistry, 2009, 103, 496-502.	1.5	30
54	Green photocatalytic synthesis of stable Au and Ag nanoparticles. Green Chemistry, 2009, 11, 1889.	4.6	69

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55	Gold nanoparticles for the development of clinical diagnosis methods. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 943-950.	1.9	448
56	Synthesis, spectroscopic, electrochemical and structural characterization of Cu(II) complexes with asymmetric NNâ€²OS coordination spheres. <i>Polyhedron</i> , 2008, 27, 335-343.	1.0	10
57	Atomic force microscopy study of the antibacterial effects of chitosans on <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Ultramicroscopy</i> , 2008, 108, 1128-1134.	0.8	306
58	Probing Surface Properties of Cytochrome <i>c</i> at Au Bionanoconjugates. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16340-16347.	1.5	32
59	Nanoparticles for enhanced contrast optical coherence tomography. , 2008, , .		0
60	Imaging Gold Nanoparticles for DNA Sequence Recognition in Biomedical Applications. <i>IEEE Transactions on Nanobioscience</i> , 2007, 6, 282-288.	2.2	21
61	AFM and Electron Microscopy Study of the Unusual Aggregation Behavior of Metallosurfactants Based on Iron(II) Complexes with Bipyridine Ligands. <i>Langmuir</i> , 2007, 23, 7951-7957.	1.6	13
62	Î²-Blockers and benzodiazepines location in SDS and bile salt micellar systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 62-69.	1.4	11
63	MÃ¶ssbauer effect studies on the formation of iron oxide phases synthesized via microwaveâ€”hydrothermal route. <i>Hyperfine Interactions</i> , 2007, 168, 1127-1132.	0.2	10
64	Colorimetric detection of eukaryotic gene expression with DNA-derivatized gold nanoparticles. <i>Journal of Biotechnology</i> , 2005, 119, 111-117.	1.9	103
65	Two azurins with unusual redox and spectroscopic properties isolated from the <i>Pseudomonas chlororaphis</i> strains DSM 50083T and DSM 50135. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 276-286.	1.5	10
66	Cytotoxic Activity of Metal Complexes of Biogenic Polyamines:â€” Polynuclear Platinum(II) Chelates. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2917-2925.	2.9	59
67	Controlled Synthesis of 2-D and 3-D Dendritic Platinum Nanostructures. <i>Journal of the American Chemical Society</i> , 2004, 126, 635-645.	6.6	381
68	Cytotoxic effects of metal complexes of biogenic polyamines. I. Platinum(II) spermidine compounds: prediction of their antitumour activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1589, 63-70.	1.9	39
69	A novel self-indicative vesicle based on a iron(ii) complex. <i>Chemical Communications</i> , 2001, , 1298-1299.	2.2	22
70	Characterization of the photolysis products of <i>sec</i> -butylcobaloximes with imidazole and benzimidazole bases. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 85-93.	0.8	5
71	Derivatives of Bis(2,2â€”bipyridyl)dicyanoiron(II) with Long Alkyl Chains â” Versatile Solvatochromic Probes that Form Metalloaggregates in Water-Rich Media. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2755.	1.0	16
72	Study of Copper(II) Polyazamacrocyclic Complexes by Electronic Absorption Spectrophotometry and EPR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 559-565.	1.0	33

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73	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
74	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 283-286.	0.7	9
75	Nickel(II) complexes with N2OS and N2S2 co-ordination spheres: reduction and spectroscopic study of the corresponding Ni(I) complexes. <i>Dalton Transactions RSC</i> , 2000, , 1373-1379.	2.3	79
76	A nickel complex with a tetradentate N2S2Schiff base ligand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1061-1063.	0.4	6
77	Synthesis, spectroscopic and electrochemical study of nickel(II) complexes with tetradentate asymmetric Schiff bases derived from salicylaldehyde and methyl-2-amino-1-cyclopentenedithiocarboxylate. <i>Inorganica Chimica Acta</i> , 1998, 271, 83-92.	1.2	37
78	Synthesis, spectroscopic and electrochemical study of nickel-(II) and -(I) complexes with Schiff-base ligands giving a NNâ€²OS co-ordination sphere. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 629-636.	1.1	34
79	Decomposition of chemically and electrochemically generated nickel(III) complexes with N2O2 Schiff-base ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 571.	1.1	14
80	Chemical generation and decomposition of schiff bases nickel (III) complexes with a N2O2 chromophore.. <i>Journal of Inorganic Biochemistry</i> , 1991, 43, 653.	1.5	0
81	Copper(II) complexes with 1-(2-carbamylethyl)-2-alkylimidazoles and oxyanions. <i>Polyhedron</i> , 1990, 9, 2035-2040.	1.0	7