Eulalia Pereira

List of Publications by Year
in descending order

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81	3,838	147801	123424
papers	citations	31 h-index	61 g-index

83	83	83	6789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interaction between gold nanoparticles and blood proteins to define disease states. Annals of Medicine, 2024, 51, 37-37.	3.8	1
2	Application of synthetic recombinant multi-epitope antigens and gold nanoparticles for a Pneumocystis pneumonia rapid diagnostic test. Annals of Medicine, 2024, 51, 92-92.	3.8	0
3	Cellular uptake and toxicity of gold nanoparticles on two distinct hepatic cell models. Toxicology in Vitro, 2021, 70, 105046.	2.4	30
4	Fe3O4-Au Core-Shell Nanoparticles as a Multimodal Platform for In Vivo Imaging and Focused Photothermal Therapy. Pharmaceutics, 2021, 13, 416.	4.5	34
5	Biosensor Based Immunoassay: A New Approach for Serotyping of Toxoplasma gondii. Nanomaterials, 2021, 11, 2065.	4.1	8
6	Reusable and highly sensitive SERS immunoassay utilizing gold nanostars and a cellulose hydrogel-based platform. Journal of Materials Chemistry B, 2021, 9, 7516-7529.	5.8	18
7	Binary ionic iron(III) porphyrin nanostructured materials with catalase-like activity. Applied Materials Today, 2020, 21, 100830.	4.3	6
8	Silver Nanostars-Coated Surfaces with Potent Biocidal Properties. International Journal of Environmental Research and Public Health, 2020, 17, 7891.	2.6	5
9	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. Nanomaterials, 2020, 10, 995.	4.1	46
10	Study of the intestinal uptake and permeability of gold nanoparticles using bothin vitroandin vivoapproaches. Nanotechnology, 2020, 31, 195102.	2.6	16
11	Design and Simple Assembly of Gold Nanostar Bioconjugates for Surface-Enhanced Raman Spectroscopy Immunoassays. Nanomaterials, 2019, 9, 1561.	4.1	19
12	Starâ€Shaped Gold Nanoparticles as Friendly Interfaces for Protein Electrochemistry: the Case Study of Cytochromeâ€…c. ChemElectroChem, 2019, 6, 4696-4703.	3.4	9
13	Expedite SERS Fingerprinting of Portuguese White Wines Using Plasmonic Silver Nanostars. Frontiers in Chemistry, 2019, 7, 368.	3.6	10
14	A multiparametric study of gold nanoparticles cytotoxicity, internalization and permeability using anin vitromodel of bloodâ€“brain barrier. Influence of size, shape and capping agent. Nanotoxicology, 2019, 13, 990-1004.	3.0	26
15	Synthesis and Characterization of Elongated-Shaped Silver Nanoparticles as a Biocompatible Anisotropic SERS Probe for Intracellular Imaging: Theoretical Modeling and Experimental Verification. Nanomaterials, 2019, 9, 256.	4.1	27
16	Amphiphilic polypyridyl ruthenium complexes: Synthesis, characterization and aggregation studies. Polyhedron, 2019, 164, 96-107.	2.2	3
17	A Metabolomic Approach for the In Vivo Study of Gold Nanospheres and Nanostars after a Single-Dose Intravenous Administration to Wistar Rats. Nanomaterials, 2019, 9, 1606.	4.1	15
18	Development of a Gold Nanoparticle-Based Lateral-Flow Immunoassay for Pneumocystis Pneumonia Serological Diagnosis at Point-of-Care. Frontiers in Microbiology, 2019, 10, 2917.	3.5	29

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19	Value of schizophrenia treatment I: The patient journey. European Psychiatry, 2018, 53, 107-115.	0.2	28
20	Measurement of adsorption constants of laccase on gold nanoparticles to evaluate the enhancement in enzyme activity of adsorbed laccase. Physical Chemistry Chemical Physics, 2018, 20, 16761-16769.	2.8	11
21	Binding selectivity of vitamin K3 based chemosensors towards nickel(II) and copper(II) metal ions. Journal of Molecular Structure, 2017, 1143, 495-514.	3.6	8
22	Office paper decorated with silver nanostars - an alternative cost effective platform for trace analyte detection by SERS. Scientific Reports, 2017, 7, 2480.	3.3	86
23	A direct comparison of experimental methods to measure dimensions of synthetic nanoparticles. Ultramicroscopy, 2017, 182, 179-190.	1.9	225
24	Metal complexes of hydroxynaphthoquinones: Lawsone, bis-lawsone, lapachol, plumbagin and juglone. Journal of Molecular Structure, 2017, 1148, 435-458.	3.6	32
25	Ionic self-assembly reactions of a porphyrin octacation. Tetrahedron, 2016, 72, 6988-6995.	1.9	8
26	Unravelling Malaria Antigen Binding to Antibodyâ€€Gold Nanoparticle Conjugates. Particle and Particle Systems Characterization, 2016, 33, 906-915.	2.3	10
27	In vitro cytotoxicity of superparamagnetic iron oxide nanoparticles on neuronal and glial cells. Evaluation of nanoparticle interference with viability tests. Journal of Applied Toxicology, 2016, 36, 361-372.	2.8	79
28	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. RSC Advances, 2014, 4, 3690-3698.	3.6	86
29	Gold Nanoparticles as (Bio)Chemical Sensors. Comprehensive Analytical Chemistry, 2014, 66, 529-567.	1.3	20
30	Novel polyoxometalate silica nano-sized spheres: efficient catalysts for olefin oxidation and the deep desulfurization process. Dalton Transactions, 2014, 43, 9518-9528.	3.3	72
31	Localized surface plasmon resonance (LSPR) biosensing using gold nanotriangles: detection of DNA hybridization events at room temperature. Analyst, The, 2014, 139, 4964-4973.	3.5	65
32	Correction to Use of Gold Nanoparticles as Additives in Protein Crystallization. Crystal Growth and Design, 2014, 14, 888-888.	3.0	0
33	Use of Gold Nanoparticles as Additives in Protein Crystallization. Crystal Growth and Design, 2014, 14, 222-227.	3.0	22
34	Synthesis, characterization and antibacterial studies of a copper(II) lomefloxacin ternary complex. Journal of Inorganic Biochemistry, 2014, 131, 21-29.	3.5	40
35	Fluoroquinoloneâ€“metal complexes: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2014, 138, 129-143.	3.5	51
36	Short- and long-term distribution and toxicity of gold nanoparticles in the rat after a single-dose intravenous administration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1757-1766.	3.3	117

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37	O que Ã© feito da nanotecnologia?. Revista De CiÃªncia 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.	2.8	92
39	Europium Polyoxometalates Encapsulated in Silica Nanoparticles â€“ Characterization and Photoluminescence Studies. European Journal of Inorganic Chemistry, 2013, 2013, 2877-2886.	2.0	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.	1.9	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.	4.3	76
43	Synthesis, characterization and antibacterial studies of a copper(II) levofloxacin ternary complex. Journal of Inorganic Biochemistry, 2012, 110, 64-71.	3.5	82
44	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. Analytical and Bioanalytical Chemistry, 2012, 402, 1019-1027.	3.7	69
45	Nanoparticles in Molecular Diagnostics. Progress in Molecular Biology and Translational Science, 2011, 104, 427-488.	1.7	47
46	Bionanoconjugates of tyrosinase and peptide-derivatised gold nanoparticles for biosensing of phenolic compounds. Journal of Nanoparticle Research, 2011, 13, 1101-1113.	1.9	19
47	Synthesis of gold nanocubes in aqueous solution with remarkable shape-selectivity. Journal of Porphyrins and Phthalocyanines, 2011, 15, 441-448.	0.8	7
48	Solution and biological behaviour of enrofloxacin metalloantibiotics: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2010, 104, 843-850.	3.5	35
49	New insights into the use of magnetic force microscopy to discriminate between magnetic and nonmagnetic nanoparticles. Nanotechnology, 2010, 21, 305706.	2.6	59
50	Superparamagnetic Î³-Fe2O3@SiO2 nanoparticles: a novel support for the immobilization of [VO(acac)2]. Dalton Transactions, 2010, 39, 2842.	3.3	109
51	Goldâ€“silver-alloy nanoprobes for one-pot multiplex DNA detection. Nanotechnology, 2010, 21, 255101.	2.6	34
52	One-pot synthesis of triangular gold nanoplates allowing broad and fine tuning of edge length. Nanoscale, 2010, 2, 2209.	5.6	73
53	Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. Journal of Inorganic Biochemistry, 2009, 103, 496-502.	3.5	30
54	Green photocatalytic synthesis of stable Au and Ag nanoparticles. Green Chemistry, 2009, 11, 1889.	9.0	69

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55	Gold nanoparticles for the development of clinical diagnosis methods. Analytical and Bioanalytical Chemistry, 2008, 391, 943-950.	3.7	448
56	Synthesis, spectroscopic, electrochemical and structural characterization of Cu(II) complexes with asymmetric NNâ€²OS coordination spheres. Polyhedron, 2008, 27, 335-343.	2.2	10
57	Atomic force microscopy study of the antibacterial effects of chitosans on Escherichia coli and Staphylococcus aureus. Ultramicroscopy, 2008, 108, 1128-1134.	1.9	306
58	Probing Surface Properties of Cytochrome c at Au Bionanoconjugates. Journal of Physical Chemistry C, 2008, 112, 16340-16347.	3.1	32
59	Nanoparticles for enhanced contrast optical coherence tomography. , 2008, , .		0
60	Imaging Gold Nanoparticles for DNA Sequence Recognition in Biomedical Applications. IEEE Transactions on Nanobioscience, 2007, 6, 282-288.	3.3	21
61	AFM and Electron Microscopy Study of the Unusual Aggregation Behavior of Metallosurfactants Based on Iron(II) Complexes with Bipyridine Ligands. Langmuir, 2007, 23, 7951-7957.	3.5	13
62	Î²-Blockers and benzodiazepines location in SDS and bile salt micellar systems. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 62-69.	2.8	11
63	MÃ¶ssbauer effect studies on the formation of iron oxide phases synthesized via microwaveâ€“hydrothermal route. Hyperfine Interactions, 2007, 168, 1127-1132.	0.5	10
64	Colorimetric detection of eukaryotic gene expression with DNA-derivatized gold nanoparticles. Journal of Biotechnology, 2005, 119, 111-117.	3.8	103
65	Two azurins with unusual redox and spectroscopic properties isolated from the Pseudomonas chlororaphis strains DSM 50083T and DSM 50135. Journal of Inorganic Biochemistry, 2004, 98, 276-286.	3.5	10
66	Cytotoxic Activity of Metal Complexes of Biogenic Polyamines:â€‰ Polynuclear Platinum(II) Chelates. Journal of Medicinal Chemistry, 2004, 47, 2917-2925.	6.4	59
67	Controlled Synthesis of 2-D and 3-D Dendritic Platinum Nanostructures. Journal of the American Chemical Society, 2004, 126, 635-645.	13.7	381
68	Cytotoxic effects of metal complexes of biogenic polyamines. I. Platinum(II) spermidine compounds: prediction of their antitumour activity. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1589, 63-70.	4.1	39
69	A novel self-indicative vesicle based on a iron(ii) complex. Chemical Communications, 2001, , 1298-1299.	4.1	22
70	Characterization of the photolysis products of sec-butylcobaloximes with imidazole and benzimidazole bases. Journal of Organometallic Chemistry, 2001, 632, 85-93.	1.8	5
71	Derivatives of Bis(2,2â€²-bipyridyl)dicyanoiron(II) with Long Alkyl Chains â^' Versatile Solvatochromic Probes that Form Metalloaggregates in Water-Rich Media. European Journal of Inorganic Chemistry, 2001, 2001, 2755.	2.0	16
72	Study of Copper(II) Polyazamacrocyclic Complexes by Electronic Absorption Spectrophotometry and EPR Spectroscopy. European Journal of Inorganic Chemistry, 2000, 2000, 559-565.	2.0	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. Journal of Inorganic Biochemistry, 2000, 80, 177-179.	3.5	29
74	Title is missing!. Transition Metal Chemistry, 2000, 25, 283-286.	1.4	9
75	Nickel(II) complexes with N2OS and N2S2 co-ordination spheres: reduction and spectroscopic study of the corresponding Ni(I) complexes. Dalton Transactions RSC, 2000, , 1373-1379.	2.3	79
76	A nickel complex with a tetradentate N2S2Schiff base ligand. Acta Crystallographica Section C: Crystal Structure Communications, 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. Inorganica Chimica Acta, 1998, 271, 83-92.	2.4	37
78	Synthesis, spectroscopic and electrochemical study of nickel-(II) and -(I) complexes with Schiff-base ligands giving a NNâ€²OS co-ordination sphere. Journal of the Chemical Society Dalton Transactions, 1998, , 629-636.	1.1	34
79	Decomposition of chemically and electrochemically generated nickel(III) complexes with N2O2 Schiff-base ligands. Journal of the Chemical Society Dalton Transactions, 1994, , 571.	1.1	14
80	Chemical generation and decomposition of schiff bases nickel (III) complexes with a N2O2 chromophore.. Journal of Inorganic Biochemistry, 1991, 43, 653.	3.5	0
81	Copper(II) complexes with 1-(2-carbamylethyl)-2-alkylimidazoles and oxyanions. Polyhedron, 1990, 9, 2035-2040.	2.2	7