Eulalia Pereira

List of Publications by Year
in descending order

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81	3,838	147726	123376
papers	citations	31 h-index	61 g-index

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

#	Article	IF	Citations
1	Gold nanoparticles for the development of clinical diagnosis methods. Analytical and Bioanalytical Chemistry, 2008, 391, 943-950.	1.9	448
2	Controlled Synthesis of 2-D and 3-D Dendritic Platinum Nanostructures. Journal of the American Chemical Society, 2004, 126, 635-645.	6.6	381
3	Atomic force microscopy study of the antibacterial effects of chitosans on Escherichia coli and Staphylococcus aureus. Ultramicroscopy, 2008, 108, 1128-1134.	0.8	306
4	A direct comparison of experimental methods to measure dimensions of synthetic nanoparticles. Ultramicroscopy, 2017, 182, 179-190.	0.8	225
5	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.	1.7	117
6	Superparamagnetic Î³-Fe2O3@SiO2 nanoparticles: a novel support for the immobilization of [VO(acac)2]. Dalton Transactions, 2010, 39, 2842.	1.6	109
7	Colorimetric detection of eukaryotic gene expression with DNA-derivatized gold nanoparticles. Journal of Biotechnology, 2005, 119, 111-117.	1.9	103
8	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
9	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. RSC Advances, 2014, 4, 3690-3698.	1.7	86
10	Office paper decorated with silver nanostars - an alternative cost effective platform for trace analyte detection by SERS. Scientific Reports, 2017, 7, 2480.	1.6	86
11	Synthesis, characterization and antibacterial studies of a copper(II) levofloxacin ternary complex. Journal of Inorganic Biochemistry, 2012, 110, 64-71.	1.5	82
12	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
13	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.	1.4	79
14	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
15	One-pot synthesis of triangular gold nanoplates allowing broad and fine tuning of edge length. Nanoscale, 2010, 2, 2209.	2.8	73
16	Novel polyoxometalate silica nano-sized spheres: efficient catalysts for olefin oxidation and the deep desulfurization process. Dalton Transactions, 2014, 43, 9518-9528.	1.6	72
17	Green photocatalytic synthesis of stable Au and Ag nanoparticles. Green Chemistry, 2009, 11, 1889.	4.6	69
18	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. Analytical and Bioanalytical Chemistry, 2012, 402, 1019-1027.	1.9	69

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19	Localized surface plasmon resonance (LSPR) biosensing using gold nanotriangles: detection of DNA hybridization events at room temperature. Analyst, The, 2014, 139, 4964-4973.	1.7	65
20	Cytotoxic Activity of Metal Complexes of Biogenic Polyamines:â€‰ Polynuclear Platinum(II) Chelates. Journal of Medicinal Chemistry, 2004, 47, 2917-2925.	2.9	59
21	New insights into the use of magnetic force microscopy to discriminate between magnetic and nonmagnetic nanoparticles. Nanotechnology, 2010, 21, 305706.	1.3	59
22	Fluoroquinoloneâ€“metal complexes: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2014, 138, 129-143.	1.5	51
23	Nanoparticles in Molecular Diagnostics. Progress in Molecular Biology and Translational Science, 2011, 104, 427-488.	0.9	47
24	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. Nanomaterials, 2020, 10, 995.	1.9	46
25	Synthesis, characterization and antibacterial studies of a copper(II) lomefloxacin ternary complex. Journal of Inorganic Biochemistry, 2014, 131, 21-29.	1.5	40
26	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.	1.9	39
27	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.	1.2	37
28	Solution and biological behaviour of enrofloxacin metalloantibiotics: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2010, 104, 843-850.	1.5	35
29	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
30	Goldâ€“silver-alloy nanoprobes for one-pot multiplex DNA detection. Nanotechnology, 2010, 21, 255101.	1.3	34
31	Fe3O4-Au Core-Shell Nanoparticles as a Multimodal Platform for In Vivo Imaging and Focused Photothermal Therapy. Pharmaceutics, 2021, 13, 416.	2.0	34
32	Study of Copper(II) Polyazamacrocyclic Complexes by Electronic Absorption Spectrophotometry and EPR Spectroscopy. European Journal of Inorganic Chemistry, 2000, 2000, 559-565.	1.0	33
33	Probing Surface Properties of Cytochrome c at Au Bionanoconjugates. Journal of Physical Chemistry C, 2008, 112, 16340-16347.	1.5	32
34	Metal complexes of hydroxynaphthoquinones: Lawsone, bis-lawsone, lapachol, plumbagin and juglone. Journal of Molecular Structure, 2017, 1148, 435-458.	1.8	32
35	Novel 3-hydroxy-4-pyridinonato oxidovanadium(IV) complexes to investigate structure/activity relationships. Journal of Inorganic Biochemistry, 2009, 103, 496-502.	1.5	30
36	Cellular uptake and toxicity of gold nanoparticles on two distinct hepatic cell models. Toxicology in Vitro, 2021, 70, 105046.	1.1	30

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37	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.	1.5	29
38	Development of a Gold Nanoparticle-Based Lateral-Flow Immunoassay for Pneumocystis Pneumonia Serological Diagnosis at Point-of-Care. Frontiers in Microbiology, 2019, 10, 2917.	1.5	29
39	Value of schizophrenia treatment I: The patient journey. European Psychiatry, 2018, 53, 107-115.	0.1	28
40	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.	1.9	27
41	Europium Polyoxometalates Encapsulated in Silica Nanoparticles â€“ Characterization and Photoluminescence Studies. European Journal of Inorganic Chemistry, 2013, 2013, 2877-2886.	1.0	26
42	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.	1.6	26
43	A novel self-indicative vesicle based on a iron(ii) complex. Chemical Communications, 2001, , 1298-1299.	2.2	22
44	Use of Gold Nanoparticles as Additives in Protein Crystallization. Crystal Growth and Design, 2014, 14, 222-227.	1.4	22
45	Imaging Gold Nanoparticles for DNA Sequence Recognition in Biomedical Applications. IEEE Transactions on Nanobioscience, 2007, 6, 282-288.	2.2	21
46	Gold Nanoparticles as (Bio)Chemical Sensors. Comprehensive Analytical Chemistry, 2014, 66, 529-567.	0.7	20
47	Bionanoconjugates of tyrosinase and peptide-derivatised gold nanoparticles for biosensing of phenolic compounds. Journal of Nanoparticle Research, 2011, 13, 1101-1113.	0.8	19
48	Design and Simple Assembly of Gold Nanostar Bioconjugates for Surface-Enhanced Raman Spectroscopy Immunoassays. Nanomaterials, 2019, 9, 1561.	1.9	19
49	Reusable and highly sensitive SERS immunoassay utilizing gold nanostars and a cellulose hydrogel-based platform. Journal of Materials Chemistry B, 2021, 9, 7516-7529.	2.9	18
50	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.	1.0	16
51	Study of the intestinal uptake and permeability of gold nanoparticles using bothin vitroandin vivoapproaches. Nanotechnology, 2020, 31, 195102.	1.3	16
52	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.	1.9	15
53	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
54	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.	1.6	13

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55	Î²-Blockers and benzodiazepines location in SDS and bile salt micellar systems. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 62-69.	1.4	11
56	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.	1.3	11
57	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.	1.5	10
58	MÃ¶ssbauer effect studies on the formation of iron oxide phases synthesized via microwaveâ€“hydrothermal route. Hyperfine Interactions, 2007, 168, 1127-1132.	0.2	10
59	Synthesis, spectroscopic, electrochemical and structural characterization of Cu(II) complexes with asymmetric NNâ€²OS coordination spheres. Polyhedron, 2008, 27, 335-343.	1.0	10
60	Unravelling Malaria Antigen Binding to Antibodyâ€Gold Nanoparticle Conjugates. Particle and Particle Systems Characterization, 2016, 33, 906-915.	1.2	10
61	Expedite SERS Fingerprinting of Portuguese White Wines Using Plasmonic Silver Nanostars. Frontiers in Chemistry, 2019, 7, 368.	1.8	10
62	Title is missing!. Transition Metal Chemistry, 2000, 25, 283-286.	0.7	9
63	Controlled adsorption of cytochrome c to nanostructured gold surfaces. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	9
64	Starâ€Shaped Gold Nanoparticles as Friendly Interfaces for Protein Electrochemistry: the Case Study of Cytochromeâ€…c. ChemElectroChem, 2019, 6, 4696-4703.	1.7	9
65	Ionic self-assembly reactions of a porphyrin octacation. Tetrahedron, 2016, 72, 6988-6995.	1.0	8
66	Binding selectivity of vitamin K3 based chemosensors towards nickel(II) and copper(II) metal ions. Journal of Molecular Structure, 2017, 1143, 495-514.	1.8	8
67	Biosensor Based Immunoassay: A New Approach for Serotyping of Toxoplasma gondii. Nanomaterials, 2021, 11, 2065.	1.9	8
68	Copper(II) complexes with 1-(2-carbamylethyl)-2-alkylimidazoles and oxyanions. Polyhedron, 1990, 9, 2035-2040.	1.0	7
69	Synthesis of gold nanocubes in aqueous solution with remarkable shape-selectivity. Journal of Porphyrins and Phthalocyanines, 2011, 15, 441-448.	0.4	7
70	A nickel complex with a tetradentate N2S2Schiff base ligand. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1061-1063.	0.4	6
71	Binary ionic iron(III) porphyrin nanostructured materials with catalase-like activity. Applied Materials Today, 2020, 21, 100830.	2.3	6
72	Gold Nanoparticles and Proteins, Interaction. , 2013, , 908-915.		6

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73	Characterization of the photolysis products of sec-butylcobaloximes with imidazole and benzimidazole bases. Journal of Organometallic Chemistry, 2001, 632, 85-93.	0.8	5
74	Silver Nanostars-Coated Surfaces with Potent Biocidal Properties. International Journal of Environmental Research and Public Health, 2020, 17, 7891.	1.2	5
75	Amphiphilic polypyridyl ruthenium complexes: Synthesis, characterization and aggregation studies. Polyhedron, 2019, 164, 96-107.	1.0	3
76	Interaction between gold nanoparticles and blood proteins to define disease states. Annals of Medicine, 2024, 51, 37-37.	1.5	1
77	Chemical generation and decomposition of schiff bases nickel (III) complexes with a N2O2 chromophore.. Journal of Inorganic Biochemistry, 1991, 43, 653.	1.5	0
78	Nanoparticles for enhanced contrast optical coherence tomography. , 2008, , .		0
79	Correction to Use of Gold Nanoparticles as Additives in Protein Crystallization. Crystal Growth and Design, 2014, 14, 888-888.	1.4	0
80	Application of synthetic recombinant multi-epitope antigens and gold nanoparticles for a Pneumocystis pneumonia rapid diagnostic test. Annals of Medicine, 2024, 51, 92-92.	1.5	0
81	O que Ã© feito da nanotecnologia?. Revista De CiÃªncia Elementar, 2014, 2, .	0.0	0