

Ana Fernandes

List of Publications by Year in descending order

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86
papers

1,733
citations

257357

24
h-index

302012

39
g-index

100
all docs

100
docs citations

100
times ranked

2914
citing authors

#	ARTICLE	IF	CITATIONS
1	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	3.9	242
2	Ochratoxin A-induced cytotoxicity, genotoxicity and reactive oxygen species in kidney cells: An integrative approach of complementary endpoints. <i>Food and Chemical Toxicology</i> , 2016, 87, 65-76.	1.8	88
3	Cutaneous biocompatible rutin-loaded gelatin-based nanoparticles increase the SPF of the association of UVA and UVB filters. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 1-9.	1.9	84
4	Choline- versus imidazole-based ionic liquids as functional ingredients in topical delivery systems: cytotoxicity, solubility, and skin permeation studies. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1858-1865.	0.9	78
5	Polymeric nanoparticles modified with fatty acids encapsulating betamethasone for anti-inflammatory treatment. <i>International Journal of Pharmaceutics</i> , 2015, 493, 271-284.	2.6	63
6	Macrocyclic copper(II) complexes: Superoxide scavenging activity, structural studies and cytotoxicity evaluation. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 849-858.	1.5	60
7	Antimicrobial Plant Extracts Encapsulated into Polymeric Beads for Potential Application on the Skin. <i>Polymers</i> , 2014, 6, 479-490.	2.0	57
8	Contaminants: a dark side of food supplements?. <i>Free Radical Research</i> , 2019, 53, 1113-1135.	1.5	54
9	LOXL2 Inhibitors and Breast Cancer Progression. <i>Antioxidants</i> , 2021, 10, 312.	2.2	53
10	Choline-Amino Acid Ionic Liquids as Green Functional Excipients to Enhance Drug Solubility. <i>Pharmaceutics</i> , 2018, 10, 288.	2.0	47
11	Ionic Liquid-Polymer Nanoparticle Hybrid Systems as New Tools to Deliver Poorly Soluble Drugs. <i>Nanomaterials</i> , 2019, 9, 1148.	1.9	38
12	The manganese(III) porphyrin MnTnHex-2-PyP5+ modulates intracellular ROS and breast cancer cell migration: Impact on doxorubicin-treated cells. <i>Redox Biology</i> , 2019, 20, 367-378.	3.9	37
13	The Human Umbilical Cord Tissue-Derived MSC Population UCX ⁺ Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs when Transplanted In Vivo. <i>Cell Transplantation</i> , 2015, 24, 865-877.	1.2	36
14	EGF Functionalized Polymer-Coated Gold Nanoparticles Promote EGF Photostability and EGFR Internalization for Photothermal Therapy. <i>PLoS ONE</i> , 2016, 11, e0165419.	1.1	36
15	Bioproduction of gold nanoparticles for photothermal therapy. <i>Therapeutic Delivery</i> , 2016, 7, 287-304.	1.2	34
16	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. <i>Mutagenesis</i> , 2013, 28, 721-729.	1.0	32
17	Multicomponent Petasis-Borono Mannich Preparation of Alkylaminophenols and Antimicrobial Activity Studies. <i>ChemMedChem</i> , 2016, 11, 2015-2023.	1.6	31
18	Design of polymeric nanoparticles and its applications as drug delivery systems for acne treatment. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 409-417.	0.9	30

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19	Genotoxic effects of doxorubicin in cultured human lymphocytes with different glutathione S-transferase genotypes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 724, 28-34.	0.9	29
20	The APE1 redox inhibitor E3330 reduces collective cell migration of human breast cancer cells and decreases chemoinvasion and colony formation when combined with docetaxel. <i>Chemical Biology and Drug Design</i> , 2017, 90, 561-571.	1.5	28
21	Integrated approach in the assessment of skin compatibility of cosmetic formulations with green coffee oil. <i>International Journal of Cosmetic Science</i> , 2015, 37, 506-510.	1.2	27
22	Protective role of <i>ortho</i> -substituted Mn(III)-alkylpyridylporphyrins against the oxidative injury induced by <i>tert</i> -butylhydroperoxide. <i>Free Radical Research</i> , 2010, 44, 430-440.	1.5	26
23	Two macrocyclic pentaaza compounds containing pyridine evaluated as novel chelating agents in copper(II) and nickel(II) overload. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 410-419.	1.5	26
24	Oxidative injury in V79 Chinese hamster cells: protective role of the superoxide dismutase mimetic MnTM-4-PyP. <i>Cell Biology and Toxicology</i> , 2010, 26, 91-101.	2.4	25
25	Role of the Copper(II) Complex Cu[15]pyN ₅ in Intracellular ROS and Breast Cancer Cell Motility and Invasion. <i>Chemical Biology and Drug Design</i> , 2015, 86, 578-588.	1.5	24
26	Differential effects of methoxyamine on doxorubicin cytotoxicity and genotoxicity in MDA-MB-231 human breast cancer cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 757, 140-147.	0.9	23
27	Impact of the APE1 Redox Function Inhibitor E3330 in Non-Small Cell Lung Cancer Cells Exposed to Cisplatin: Increased Cytotoxicity and Impairment of Cell Migration and Invasion. <i>Antioxidants</i> , 2020, 9, 550.	2.2	23
28	Synthesis and Biological Activity of 6-Selenocaffeine: Potential Modulator of Chemotherapeutic Drugs in Breast Cancer Cells. <i>Molecules</i> , 2013, 18, 5251-5264.	1.7	22
29	Cytotoxicity and chromosomal aberrations induced by acrylamide in V79 cells: Role of glutathione modulators. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 676, 87-92.	0.9	20
30	Functionalized diterpene parvifloron D-loaded hybrid nanoparticles for targeted delivery in melanoma therapy. <i>Therapeutic Delivery</i> , 2016, 7, 521-544.	1.2	20
31	Induction of sister chromatid exchange by acrylamide and glycidamide in human lymphocytes: Role of polymorphisms in detoxification and DNA-repair genes in the genotoxicity of glycidamide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 752, 1-7.	0.9	18
32	Production and characterization of nanoparticles containing methanol extracts of Portuguese Lavenders. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 74, 170-177.	2.5	18
33	The SOD Mimic MnTnHex-2-PyP5+ Reduces the Viability and Migration of 786-O Human Renal Cancer Cells. <i>Antioxidants</i> , 2019, 8, 490.	2.2	18
34	A multiple endpoint approach reveals potential in vitro anticancer properties of thymoquinone in human renal carcinoma cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 111076.	1.8	18
35	A Biopsychosocial Evaluation Method and the International Classification of Functioning, Disability, and Health (ICF). <i>Educational Gerontology</i> , 2014, 40, 686-699.	0.7	16
36	Comparison Study of Different Extracts of <i>Plectranthus madagascariensis</i> , <i>P. neochilus</i> and the Rare <i>P. porcatus</i> (Lamiaceae): Chemical Characterization, Antioxidant, Antimicrobial and Cytotoxic Activities. <i>Biomolecules</i> , 2019, 9, 179.	1.8	15

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37	Polyphenols and Their Metabolites in Renal Diseases: An Overview. <i>Foods</i> , 2022, 11, 1060.	1.9	15
38	Cytotoxic effects of cadmium in mammary epithelial cells: Protective role of the macrocycle [15]pyN5. <i>Food and Chemical Toxicology</i> , 2012, 50, 2180-2187.	1.8	14
39	Stimulation of cell invasion by the Golgi Ion Channel GAAP/TMBIM4 via an H2O2-Dependent Mechanism. <i>Redox Biology</i> , 2020, 28, 101361.	3.9	14
40	Development of pyridine-containing macrocyclic copper(II) complexes: potential role in the redox modulation of oxaliplatin toxicity in human breast cells. <i>Free Radical Research</i> , 2012, 46, 1157-1166.	1.5	13
41	Unsaponifiable matter from oil of green coffee beans: cosmetic properties and safety evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1695-1699.	0.9	12
42	Assessment of the Potential Skin Application of <i>Plectranthus ecklonii</i> Benth.. <i>Pharmaceuticals</i> , 2020, 13, 120.	1.7	12
43	Anti-Migratory and Pro-Apoptotic Properties of Parvifloron D on Triple-Negative Breast Cancer Cells. <i>Biomolecules</i> , 2020, 10, 158.	1.8	11
44	Structure-based virtual screening toward the discovery of novel inhibitors of the DNA repair activity of the human apurinic/apyrimidinic endonuclease 1. <i>Chemical Biology and Drug Design</i> , 2016, 88, 915-925.	1.5	9
45	Methyl 1,2-Orthoesters in Acid-Washed Molecular Sieves Mediated Glycosylations. <i>ChemistrySelect</i> , 2016, 1, 6011-6015.	0.7	9
46	Aminobenzylated 4-Nitrophenols as Antibacterial Agents Obtained from 5-Nitrosalicylaldehyde through a Petasis Borono-Mannich Reaction. <i>ACS Omega</i> , 2018, 3, 16191-16202.	1.6	9
47	Lysyl Oxidases Expression and Breast Cancer Progression: A Bioinformatic Analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	8
48	Genetic Polymorphisms in Detoxification and DNA Repair Genes and Susceptibility to Glycidamide-Induced DNA Damage. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 920-933.	1.1	7
49	A narrative review of the migration and invasion features of non-small cell lung cancer cells upon xenobiotic exposure: insights from in vitro studies. <i>Translational Lung Cancer Research</i> , 2021, 10, 2698-2714.	1.3	7
50	Evaluation of antioxidant and antimicrobial activities of green coffee oil in cosmetic formulations. <i>Biomedical and Biopharmaceutical Research</i> , 2012, 9, 207-214.	0.0	7
51	An Overview on the Properties of Ximenia Oil Used as Cosmetic in Angola. <i>Biomolecules</i> , 2020, 10, 18.	1.8	6
52	Exploring Volatile Organic Compound Exposure and Its Association with Wheezing in Children under 36 Months: A Cross-Sectional Study in South Lisbon, Portugal. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6929.	1.2	6
53	In Vitro Antimicrobial Activity of Isopimarane-Type Diterpenoids. <i>Molecules</i> , 2020, 25, 4250.	1.7	6
54	Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112). <i>Free Radical Research</i> , 2019, 53, 1163-1170.	1.5	5

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55	Potential of supercritical fluid myrtle extracts as an active ingredient and co-preservative for cosmetic and topical pharmaceutical applications. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 28, 100739.	1.6	5
56	Pyridine-Containing Macrocycles Display MMP-2/9 Inhibitory Activity and Distinct Effects on Migration and Invasion of 2D and 3D Breast Cancer Models. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5109.	1.8	4
57	Natural Products: Optimizing Cancer Treatment through Modulation of Redox Balance. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-3.	1.9	4
58	Increased antibacterial properties of indoline-derived phenolic Mannich bases. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113459.	2.6	4
59	Professional skills for health promotion in caring for tuberculosis patients. <i>Revista Brasileira De Enfermagem</i> , 2020, 73, e20180943.	0.2	4
60	GOLGI: Cancer cell fate control. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106174.	1.2	4
61	Combined effect of the SOD mimic MnTnHex-2-PyP5+ and doxorubicin on the migration and invasiveness of breast cancer cells. <i>Toxicology Letters</i> , 2013, 221, S70-S71.	0.4	3
62	[15]aneN4S: Synthesis, Thermodynamic Studies and Potential Applications in Chelation Therapy. <i>Molecules</i> , 2014, 19, 550-567.	1.7	3
63	Evaluation of the sensory properties of a cosmetic formulation containing green coffee oi. <i>Biomedical and Biopharmaceutical Research</i> , 2013, 10, 101-108.	0.0	3
64	Impact of Portuguese propolis on keratinocyte proliferation, migration and <sc>ROS</sc> protection: Significance for applications in skin products. <i>International Journal of Cosmetic Science</i> , 2022, 44, 333-342.	1.2	3
65	Evaluation of diterpenoids from <i>P. ornatus</i> as potential COX-1 inhibitors. <i>Biomedical and Biopharmaceutical Research</i> , 2012, 9, 111-118.	0.0	2
66	Oxidative stress and antioxidant defences â€” a pedagogical review. <i>Biomedical and Biopharmaceutical Research</i> , 2011, 8, 97-108.	0.0	2
67	In vitro antioxidant properties of the diterpenes Parvifloron D and 7Î±-acetoxy-6Î²-hydroxyroyleanone. <i>Biomedical and Biopharmaceutical Research</i> , 2015, 12, 59-67.	0.0	2
68	Adverse Effects of Natural Products: A Brief Pre-Systematic Review. <i>Current Nutraceuticals</i> , 2021, 2, 14-20.	0.1	1
69	The Perception of Primary School Teachers Regarding the Pharmacotherapy of Attention Deficit Hyperactivity Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6233.	1.2	1
70	Fruit and vegetable juices and breast cancer. , 2021, , 235-244.		1
71	Effect of APE1 inhibitors on the cytotoxicity and genotoxicity of doxorubicin in MDA-MB-231 cells. <i>Toxicology Letters</i> , 2013, 221, S92.	0.4	0
72	Redox Therapeutics in Breast Cancer: Role of SOD Mimics. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 451-467.	0.4	0

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73	Systemic treatment of HER2-positive breast cancer patients with brain metastases: current status and exploratory case study in a Portuguese cohort. <i>Biomedical and Biopharmaceutical Research</i> , 2021, 18, 51-64.	0.0	0
74	CBiOS Science Sessions - 2013 - Proceedings. <i>Biomedical and Biopharmaceutical Research</i> , 2013, 10, 110-111.	0.0	0
75	A didactic approach for quantification of diazepam tablets by UV spectrophotometry. <i>Biomedical and Biopharmaceutical Research</i> , 2014, 11, 121-128.	0.0	0
76	Xanthine Oxidase Inhibitory Activity of a <i>Plectranthus saccatus</i> aqueous extract. <i>Biomedical and Biopharmaceutical Research</i> , 2016, 13, 259-269.	0.0	0
77	Development of a strategy to identify the characteristics of babies' rooms associated with volatile organic compounds and with the occurrence of wheezing. <i>Biomedical and Biopharmaceutical Research</i> , 2017, 14, 16-22.	0.0	0
78	Cytotoxicity of N-nitrosoguanidines in a breast cancer cell model. <i>Biomedical and Biopharmaceutical Research</i> , 2017, 14, 172-178.	0.0	0
79	Ceftriaxone: clinical review, consumption in Portugal and safety alerts. <i>Biomedical and Biopharmaceutical Research</i> , 2018, 15, 224-242.	0.0	0
80	Cytotoxic effect of antioxidants found in food from plant origin on human osteosarcoma U2OS Cells. <i>Biomedical and Biopharmaceutical Research</i> , 2019, 16, 89-96.	0.0	0
81	CBiOS Science Sessions - 2019 -. <i>Biomedical and Biopharmaceutical Research</i> , 2019, 16, 107-113.	0.0	0
82	The association of housing conditions with wheezing in children up to 36 monthold: an observational study in Arco Ribeirinho region. <i>Biomedical and Biopharmaceutical Research</i> , 2019, 16, 55-61.	0.0	0
83	Gene expression and survival analysis in cancer research using online open access platforms: a comparative analysis. <i>Biomedical and Biopharmaceutical Research</i> , 2020, 17, 1-19.	0.0	0
84	Single versus mixed edge activators in caffeine-loaded transfersomes: physicochemical and cytotoxicity assessment. <i>Biomedical and Biopharmaceutical Research</i> , 2021, 18, 85.	0.0	0
85	Redox-Active Molecules as Therapeutic Agents. <i>Antioxidants</i> , 2022, 11, 1004.	2.2	0
86	Tumor-infiltrating lymphocytes in early breast cancer: an exploratory analysis focused on HER2+ subtype in Portuguese patients. <i>Current Medical Research and Opinion</i> , 0, , 1-4.	0.9	0