

# Ana Fernandes

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76  
papers

1,274  
citations

21  
h-index

33  
g-index

100  
ext. papers

1,513  
ext. citations

3.6  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
76	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> , <b>2017</b> , 13, 94-162	11.3	185
75	Ochratoxin A-induced cytotoxicity, genotoxicity and reactive oxygen species in kidney cells: An integrative approach of complementary endpoints. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 87, 65-76	4.7	70
74	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> , <b>2016</b> , 81, 1-9	5.1	66
73	Macrocyclic copper(II) complexes: superoxide scavenging activity, structural studies and cytotoxicity evaluation. <i>Journal of Inorganic Biochemistry</i> , <b>2007</b> , 101, 849-58	4.2	57
72	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> , <b>2017</b> , 43, 1858-1865	3.6	56
71	Polymeric nanoparticles modified with fatty acids encapsulating betamethasone for anti-inflammatory treatment. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 493, 271-84	6.5	52
70	Antimicrobial Plant Extracts Encapsulated into Polymeric Beads for Potential Application on the Skin. <i>Polymers</i> , <b>2014</b> , 6, 479-490	4.5	46
69	Contaminants: a dark side of food supplements?. <i>Free Radical Research</i> , <b>2019</b> , 53, 1113-1135	4	36
68	Choline-Amino Acid Ionic Liquids as Green Functional Excipients to Enhance Drug Solubility. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	36
67	The Human Umbilical Cord Tissue-Derived MSC Population UCX( $\square$ ) Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs When Transplanted In Vivo. <i>Cell Transplantation</i> , <b>2015</b> , 24, 865-77	4	28
66	Bioproduction of gold nanoparticles for photothermal therapy. <i>Therapeutic Delivery</i> , <b>2016</b> , 7, 287-304	3.8	27
65	EGF Functionalized Polymer-Coated Gold Nanoparticles Promote EGF Photostability and EGFR Internalization for Photothermal Therapy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165419	3.7	26
64	The manganese(III) porphyrin MnTnHex-2-PyP modulates intracellular ROS and breast cancer cell migration: Impact on doxorubicin-treated cells. <i>Redox Biology</i> , <b>2019</b> , 20, 367-378	11.3	25
63	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. <i>Mutagenesis</i> , <b>2013</b> , 28, 721-9	2.8	24
62	Two macrocyclic pentaaza compounds containing pyridine evaluated as novel chelating agents in copper(II) and nickel(II) overload. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 410-9	4.2	24
61	Design of polymeric nanoparticles and its applications as drug delivery systems for acne treatment. <i>Drug Development and Industrial Pharmacy</i> , <b>2014</b> , 40, 409-17	3.6	23
60	Protective role of ortho-substituted Mn(III) N-alkylpyridylporphyrins against the oxidative injury induced by tert-butylhydroperoxide. <i>Free Radical Research</i> , <b>2010</b> , 44, 430-40	4	23

59	Oxidative injury in V79 Chinese hamster cells: protective role of the superoxide dismutase mimetic MnTM-4-PyP. <i>Cell Biology and Toxicology</i> , <b>2010</b> , 26, 91-101	7.4	23
58	Integrated approach in the assessment of skin compatibility of cosmetic formulations with green coffee oil. <i>International Journal of Cosmetic Science</i> , <b>2015</b> , 37, 506-10	2.7	22
57	Multicomponent Petasis-borono Mannich Preparation of Alkylaminophenols and Antimicrobial Activity Studies. <i>ChemMedChem</i> , <b>2016</b> , 11, 2015-23	3.7	22
56	Ionic Liquid-Polymer Nanoparticle Hybrid Systems as New Tools to Deliver Poorly Soluble Drugs. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	21
55	Role of the Copper(II) Complex Cu[15]pyN5 in Intracellular ROS and Breast Cancer Cell Motility and Invasion. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 578-88	2.9	20
54	Genotoxic effects of doxorubicin in cultured human lymphocytes with different glutathione S-transferase genotypes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2011</b> , 724, 28-34	3	20
53	Cytotoxicity and chromosomal aberrations induced by acrylamide in V79 cells: role of glutathione modulators. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2009</b> , 676, 87-92	3	20
52	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> , <b>2013</b> , 757, 140-7	3	19
51	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> , <b>2017</b> , 90, 561-571	2.9	18
50	Functionalized diterpene parvifloron D-loaded hybrid nanoparticles for targeted delivery in melanoma therapy. <i>Therapeutic Delivery</i> , <b>2016</b> , 7, 521-44	3.8	17
49	Synthesis and biological activity of 6-selenocaffeine: potential modulator of chemotherapeutic drugs in breast cancer cells. <i>Molecules</i> , <b>2013</b> , 18, 5251-64	4.8	17
48	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> , <b>2013</b> , 752, 1-7	3	17
47	Production and characterization of nanoparticles containing methanol extracts of Portuguese Lavenders. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2015</b> , 74, 170-177	4.6	16
46	The SOD Mimic MnTnHex-2-PyP Reduces the Viability and Migration of 786-O Human Renal Cancer Cells. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	14
45	A multiple endpoint approach reveals potential in vitro anticancer properties of thymoquinone in human renal carcinoma cells. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 136, 111076	4.7	13
44	Cytotoxic effects of cadmium in mammary epithelial cells: protective role of the macrocycle [15]pyN5. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 2180-7	4.7	12
43	Comparison Study of Different Extracts of , and the Rare (Lamiaceae): Chemical Characterization, Antioxidant, Antimicrobial and Cytotoxic Activities. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	11
42	Unsaponifiable matter from oil of green coffee beans: cosmetic properties and safety evaluation. <i>Drug Development and Industrial Pharmacy</i> , <b>2016</b> , 42, 1695-9	3.6	11

41	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> , <b>2012</b> , 46, 1157-66	4	11
40	LOXL2 Inhibitors and Breast Cancer Progression. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	10
39	Stimulation of cell invasion by the Golgi Ion Channel GAAP/TMBIM4 via an HO-Dependent Mechanism. <i>Redox Biology</i> , <b>2020</b> , 28, 101361	11.3	9
38	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> , <b>2020</b> , 9,	7.1	8
37	Anti-Migratory and Pro-Apoptotic Properties of Parvifloron D on Triple-Negative Breast Cancer Cells. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	8
36	Assessment of the Potential Skin Application of Benth. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	7
35	Structure-based virtual screening toward the discovery of novel inhibitors of the DNA repair activity of the human apurinic/aprimidinic endonuclease 1. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 915-925	2.9	7
34	Methyl 1,2-Orthoesters in Acid-Washed Molecular Sieves Mediated Glycosylations. <i>ChemistrySelect</i> , <b>2016</b> , 1, 6011-6015	1.8	7
33	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> , <b>2012</b> , 75, 920-33	3.2	6
32	Aminobenzylated 4-Nitrophenols as Antibacterial Agents Obtained from 5-Nitrosalicylaldehyde through a Petasis Borono-Mannich Reaction. <i>ACS Omega</i> , <b>2018</b> , 3, 16191-16202	3.9	6
31	Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112). <i>Free Radical Research</i> , <b>2019</b> , 53, 1163-1170	4	5
30	A Biopsychosocial Evaluation Method and the International Classification of Functioning, Disability, and Health (ICF). <i>Educational Gerontology</i> , <b>2014</b> , 40, 686-699	1.2	5
29	In Vitro Antimicrobial Activity of Isopimarane-Type Diterpenoids. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
28	Evaluation of antioxidant and antimicrobial activities of green coffee oil in cosmetic formulations. <i>Biomedical and Biopharmaceutical Research</i> , <b>2012</b> , 9, 207-214	0.1	4
27	An Overview on the Properties of Ximenia Oil Used as Cosmetic in Angola. <i>Biomolecules</i> , <b>2019</b> , 10,	5.9	4
26	Combined effect of the SOD mimic MnTnHex-2-PyP5+ and doxorubicin on the migration and invasiveness of breast cancer cells. <i>Toxicology Letters</i> , <b>2013</b> , 221, S70-S71	4.4	3
25	Professional skills for health promotion in caring for tuberculosis patients. <i>Revista Brasileira De Enfermagem</i> , <b>2020</b> , 73, e20180943	0.9	3
24	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> , <b>2019</b> , 20,	6.3	2

23	[15]aneN4S: synthesis, thermodynamic studies and potential applications in chelation therapy. <i>Molecules</i> , <b>2014</b> , 19, 550-67	4.8	2
22	Evaluation of the sensory properties of a cosmetic formulation containing green coffee oi. <i>Biomedical and Biopharmaceutical Research</i> , <b>2013</b> , 10, 101-108	0.1	2
21	Evaluation of diterpenoids from <i>P. ornatus</i> as potential COX-1 inhibitors. <i>Biomedical and Biopharmaceutical Research</i> , <b>2012</b> , 9, 111-118	0.1	2
20	In vitro antioxidant properties of the diterpenes Parvifloron D and 7-acetoxy-6-hydroxyroyleanone. <i>Biomedical and Biopharmaceutical Research</i> , <b>2015</b> , 12, 59-67	0.1	2
19	Oxidative stress and antioxidant defences - a pedagogical review. <i>Biomedical and Biopharmaceutical Research</i> , <b>2011</b> , 8, 97-108	0.1	2
18	A narrative review of the migration and invasion features of non-small cell lung cancer cells upon xenobiotic exposure: insights from studies. <i>Translational Lung Cancer Research</i> , <b>2021</b> , 10, 2698-2714	4.4	2
17	Increased antibacterial properties of indoline-derived phenolic Mannich bases. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 220, 113459	6.8	2
16	Adverse Effects of Natural Products: A Brief Pre-Systematic Review. <i>Current Nutraceuticals</i> , <b>2021</b> , 2, 14-20	7	1
15	Fruit and vegetable juices and breast cancer <b>2021</b> , 235-244		1
14	GOLGI: cancer cell fate control.. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2022</b> , 106174	5.6	0
13	Redox Therapeutics in Breast Cancer: Role of SOD Mimics. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2016</b> , 451-467		
12	Cytotoxicity of N-nitrosoguanidines in a breast cancer cell model. <i>Biomedical and Biopharmaceutical Research</i> , <b>2017</b> , 14, 172-178	0.1	
11	Ceftriaxone: clinical review, consumption in Portugal and safety alerts. <i>Biomedical and Biopharmaceutical Research</i> , <b>2018</b> , 15, 224-242	0.1	
10	Cytotoxic effect of antioxidants found in food from plant origin on human osteosarcoma U2OS Cells. <i>Biomedical and Biopharmaceutical Research</i> , <b>2019</b> , 16, 89-96	0.1	
9	CBiOS Science Sessions - 2019 -. <i>Biomedical and Biopharmaceutical Research</i> , <b>2019</b> , 16, 107-113	0.1	
8	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> , <b>2019</b> , 16, 55-61	0.1	
7	Gene expression and survival analysis in cancer research using online open access platforms: a comparative analysis. <i>Biomedical and Biopharmaceutical Research</i> , <b>2020</b> , 17, 1-19	0.1	
6	A didactic approach for quantification of diazepam tablets by UV spectrophotometry. <i>Biomedical and Biopharmaceutical Research</i> , <b>2014</b> , 11, 121-128	0.1	

- 5 Xanthine Oxidase Inhibitory Activity of a *Plectranthus saccatus* aqueous extract. *Biomedical and Biopharmaceutical Research*, **2016**, 13, 259-269 0.1
- 4 Development of a strategy to identify the characteristics of babies' rooms associated with volatile organic compounds and with the occurrence of wheezing. *Biomedical and Biopharmaceutical Research*, **2017**, 14, 16-22 0.1
- 3 CBIOS Science Sessions - 2013 - Proceedings. *Biomedical and Biopharmaceutical Research*, **2013**, 10, 110-111 0.1
- 2 Systemic treatment of HER2-positive breast cancer patients with brain metastases: current status and exploratory case study in a Portuguese cohort. *Biomedical and Biopharmaceutical Research*, **2021**, 18, 1-14 0.1
- 1 Single versus mixed edge activators in caffeine-loaded transfersomes: physicochemical and cytotoxicity assessment. *Biomedical and Biopharmaceutical Research*, **2021**, 18, 85 0.1