

# Ana Cristina Goncalves

## 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.

70  
papers

925  
citations

16  
h-index

27  
g-index

77  
ext. papers

1,282  
ext. citations

4.7  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
70	The multi-factorial nature of clinical multidrug resistance in cancer. <i>Drug Resistance Updates</i> , <b>2019</b> , 46, 100645	23.2	155
69	The emergence of drug resistance to targeted cancer therapies: Clinical evidence. <i>Drug Resistance Updates</i> , <b>2019</b> , 47, 100646	23.2	48
68	Effect of miR-34b overexpression on the radiosensitivity of non-small cell lung cancer cell lines. <i>Anticancer Research</i> , <b>2012</b> , 32, 1603-9	2.3	43
67	New Approach for Treatment of Primary Liver Tumors: The Role of Quercetin. <i>Nutrition and Cancer</i> , <b>2016</b> , 68, 250-66	2.8	40
66	Liquid Biopsies: Applications for Cancer Diagnosis and Monitoring. <i>Genes</i> , <b>2021</b> , 12,	4.2	30
65	Butyrate, a dietary fiber derivative that improves irinotecan effect in colon cancer cells. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 56, 183-192	6.3	28
64	Ascorbic acid and colon cancer: an oxidative stimulus to cell death depending on cell profile. <i>European Journal of Cell Biology</i> , <b>2016</b> , 95, 208-18	6.1	28
63	Targeting triple-negative breast cancer cells with 6,7-bis(hydroxymethyl)-1H,3H-pyrrolo[1,2-c]thiazoles. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 79, 273-81	6.8	26
62	Effects of resistance exercise on endothelial progenitor cell mobilization in women. <i>Scientific Reports</i> , <b>2017</b> , 7, 17880	4.9	25
61	Cytotoxicity of ascorbic acid in a human colorectal adenocarcinoma cell line (WiDr): in vitro and in vivo studies. <i>Nutrition and Cancer</i> , <b>2012</b> , 64, 1049-57	2.8	25
60	Hypoxia-induced redox alterations and their correlation with <sup>99m</sup> Tc-MIBI and <sup>99m</sup> Tc-HL-91 uptake in colon cancer cells. <i>Nuclear Medicine and Biology</i> , <b>2010</b> , 37, 125-32	2.1	25
59	Influence of P53 on the radiotherapy response of hepatocellular carcinoma. <i>Clinical and Molecular Hepatology</i> , <b>2015</b> , 21, 257-67	6.9	25
58	Oxidative stress levels are correlated with P15 and P16 gene promoter methylation in myelodysplastic syndrome patients. <i>Clinical and Experimental Medicine</i> , <b>2016</b> , 16, 333-43	4.9	22
57	The role of immune system exhaustion on cancer cell escape and anti-tumor immune induction after irradiation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2016</b> , 1865, 168-75	11.2	21
56	miR-145-loaded micelleplexes as a novel therapeutic strategy to inhibit proliferation and migration of osteosarcoma cells. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 123, 28-42	5.1	21
55	Novel 4,5,6,7-tetrahydropyrazolo[1,5-a]pyridine fused chlorins as very active photodynamic agents for melanoma cells. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 103, 374-80	6.8	18
54	2-Bromo-5-hydroxyphenylporphyrins for photodynamic therapy: photosensitization efficiency, subcellular localization and in vivo studies. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2013</b> , 10, 51-61	3.5	16

53	Fluorine-18 Fluorodeoxyglucose Uptake in Hepatocellular Carcinoma: Correlation with Glucose Transporters and p53 Expression. <i>Journal of Clinical and Experimental Hepatology</i> , <b>2015</b> , 5, 183-9	4.1	16
52	Efflux Pumps Modulation in Colorectal Adenocarcinoma Cell Lines: The Role of Nuclear Medicine. <i>Journal of Cancer Therapy</i> , <b>2011</b> , 02, 408-417	0.2	16
51	Cytotoxic effects of a chlorhexidine mouthwash and of an enzymatic mouthwash on human gingival fibroblasts. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2020</b> , 108, 260-270	3.6	16
50	Effects of X-radiation on lung cancer cells: the interplay between oxidative stress and P53 levels. <i>Medical Oncology</i> , <b>2015</b> , 32, 266	3.7	15
49	Biodentine Boosts, WhiteProRootMTA Increases and Life Suppresses Odontoblast Activity. <i>Materials</i> , <b>2019</b> , 12,	3.5	14
48	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 395-408	6.8	14
47	Ascorbic Acid Chemosensitizes Colorectal Cancer Cells and Synergistically Inhibits Tumor Growth. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 911	4.6	14
46	Drug transporters play a key role in the complex process of Imatinib resistance in vitro. <i>Leukemia Research</i> , <b>2015</b> , 39, 355-60	2.7	13
45	Resistance to Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia-From Molecular Mechanisms to Clinical Relevance. <i>Cancers</i> , <b>2021</b> , 13,	6.6	13
44	Aberrant p15, p16, p53, and DAPK Gene Methylation in Myelomagenesis: Clinical and Prognostic Implications. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , <b>2016</b> , 16, 713-720.e2	2	12
43	MicroRNA signature refine response prediction in CML. <i>Scientific Reports</i> , <b>2019</b> , 9, 9666	4.9	12
42	Genetic variants involved in oxidative stress, base excision repair, DNA methylation, and folate metabolism pathways influence myeloid neoplasias susceptibility and prognosis. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 130-148	5	11
41	Flow cytometry and targeted immune transcriptomics identify distinct profiles in patients with chronic myeloid leukemia receiving tyrosine kinase inhibitors with or without interferon- $\gamma$ . <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 2	8.5	11
40	Apoptosis induction and cell cycle arrest of pladienolide B in erythroleukemia cell lines. <i>Investigational New Drugs</i> , <b>2020</b> , 38, 369-377	4.3	11
39	Everolimus in combination with Imatinib overcomes resistance in Chronic myeloid leukaemia. <i>Medical Oncology</i> , <b>2019</b> , 36, 30	3.7	10
38	Synthesis of new 2-galactosylthiazolidine-4-carboxylic acid amides. Antitumor evaluation against melanoma and breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 53, 398-402	6.8	10
37	L744,832 and Everolimus Induce Cytotoxic and Cytostatic Effects in Non-Hodgkin Lymphoma Cells. <i>Pathology and Oncology Research</i> , <b>2016</b> , 22, 301-9	2.6	9
36	Oxidative stress mediates apoptotic effects of ascorbate and dehydroascorbate in human Myelodysplasia cells in vitro. <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1542-9	3.6	9

35	Platinum(II) ring-fused chlorins as efficient theranostic agents: Dyes for tumor-imaging and photodynamic therapy of cancer. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 200, 112468	6.8	9
34	Impact of splenic artery ligation after major hepatectomy on liver function, regeneration and viability. <i>Scientific Reports</i> , <b>2016</b> , 6, 34731	4.9	8
33	Selenium compounds induced ROS-dependent apoptosis in myelodysplasia cells. <i>Biological Trace Element Research</i> , <b>2013</b> , 154, 440-7	4.5	8
32	Synthetic Calcium Phosphate Ceramics as a Potential Treatment for Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Materials</i> , <b>2019</b> , 12,	3.5	7
31	Cold Atmospheric Plasma, a Novel Approach against Bladder Cancer, with Higher Sensitivity for the High-Grade Cell Line. <i>Biology</i> , <b>2021</b> , 10,	4.9	7
30	Acute myeloid leukemia sensitivity to metabolic inhibitors: glycolysis showed to be a better therapeutic target. <i>Medical Oncology</i> , <b>2020</b> , 37, 72	3.7	6
29	Farnesyltransferase inhibitors: molecular evidence of therapeutic efficacy in acute lymphoblastic leukemia through cyclin D1 inhibition. <i>Anticancer Research</i> , <b>2012</b> , 32, 831-8	2.3	6
28	miR-29b and retinoic acid co-delivery: a promising tool to induce a synergistic antitumoral effect in non-small cell lung cancer cells. <i>Drug Delivery and Translational Research</i> , <b>2020</b> , 10, 1367-1380	6.2	5
27	Eritropoietina Sérica como Marcador Prognóstico em Síndrome Mielodisplásica. <i>Acta Medica Portuguesa</i> , <b>2015</b> , 28, 720	1.4	5
26	Synthesis, Characterization and Evaluation of the Antibacterial and Antitumor Activity of Halogenated Salen Copper (II) Complexes derived from Camphoric Acid. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5569	3.1	4
25	ECM-enriched alginate hydrogels for bioartificial pancreas: an ideal niche to improve insulin secretion and diabetic glucose profile. <i>Journal of Applied Biomaterials and Functional Materials</i> , <b>2019</b> , 17, 2280800019848923	1.8	4
24	Design, synthesis, and antitumor activity evaluation of steroidal oximes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 46, 116360	3.4	4
23	Study of hepatocellular function in the murine model following hepatic artery selective clamping. <i>Acta Cirurgica Brasileira</i> , <b>2013</b> , 28, 657-63	1.6	3
22	Plasma activated media and direct exposition can selectively ablate retinoblastoma cells. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 171, 302-313	7.8	3
21	Impact of cancer metabolism on therapy resistance - Clinical implications.. <i>Drug Resistance Updates</i> , <b>2021</b> , 100797	23.2	3
20	Cytotoxic Effects of Zoom Whitening Product in Human Fibroblasts. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
19	Intestinal Epithelial Stem Cells: Distinct Behavior After Surgical Injury and Teduglutide Administration. <i>Journal of Investigative Surgery</i> , <b>2018</b> , 31, 243-252	1.2	2
18	Teduglutide effects on gene regulation of fibrogenesis on an animal model of intestinal anastomosis. <i>Journal of Surgical Research</i> , <b>2017</b> , 216, 87-98	2.5	2

17	DNA Methylation Is Correlated with Oxidative Stress in Myelodysplastic Syndrome-Relevance as Complementary Prognostic Biomarkers. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
16	Oxidative Stress Parameters Can Predict the Response to Erythropoiesis-Stimulating Agents in Myelodysplastic Syndrome Patients. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 701328	5.7	2
15	Intestinal inflammatory and redox responses to the perioperative administration of teduglutide in rats. <i>Acta Cirurgica Brasileira</i> , <b>2017</b> , 32, 648-661	1.6	1
14	Iodine-131 metabolic radiotherapy leads to cell death and genomic alterations through NIS overexpression on cholangiocarcinoma. <i>International Journal of Oncology</i> , <b>2020</b> , 56, 709-727	4.4	1
13	GuttaFlow Bioseal Cytotoxicity Assessment: In Vitro Study. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
12	Genomic characterisation of multiple myeloma: study of a Portuguese cohort. <i>Journal of Clinical Pathology</i> , <b>2021</b> ,	3.9	1
11	Kinetics of radium-223 and its effects on survival, proliferation and DNA damage in lymph-node and bone metastatic prostate cancer cell lines. <i>International Journal of Radiation Biology</i> , <b>2021</b> , 97, 714-726	2.9	1
10	Anti-Aging Effect of Urolithin A on Bovine Oocytes. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
9	Oxymestane, a cytostatic steroid derivative of exemestane with greater antitumor activity in non-estrogen-dependent cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 212, 1059-1070	5.1	1
8	Zinc Prevents DNA Damage in Normal Cells but Shows Genotoxic and Cytotoxic Effects in Acute Myeloid Leukemia Cells.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
7	Insights into the anticancer activity of chiral alkylidene- $\beta$ -lactams and alkylidene- $\gamma$ -lactams: Synthesis and biological investigation.. <i>Bioorganic and Medicinal Chemistry</i> , <b>2022</b> , 63, 116738	3.4	0
6	Combination of Elacridar with Imatinib Modulates Resistance Associated with Drug Efflux Transporters in Chronic Myeloid Leukemia. <i>Biomedicines</i> , <b>2022</b> , 10, 1158	4.8	0
5	Effects of teduglutide on histological parameters of intestinal anastomotic healing. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2017</b> , 49, 218-227	0.9	
4	Vascular Endothelial Growth Factor Expression in CD138+/CD19- and CD138+/CD19+ Plasma Cells in Monoclonal Gammopathies and Impact on Multiple Myeloma Prognosis. <i>Blood</i> , <b>2015</b> , 126, 5342-5342	2.2	
3	Cellular Damage Evaluation caused by Dental Bleaching Products: a pilot study. <i>FASEB Journal</i> , <b>2013</b> , 27, 1b439	0.9	
2	Can Polymorphisms In Oxidative Stress Related Genes Be a Risk Factor For CML?. <i>Blood</i> , <b>2013</b> , 122, 5156-5156	5.1	
1	High-intensity, high-volume exercise in addition to school exercise classes reduces endothelial progenitor cells, inflammation and catabolism in adolescent boys. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 2255-2258	3.9	