Andreia Palmeira

List of Publications by Citations

46 papers	870 citations	19 h-index	28 g-index
48 ext. papers	1,022 ext. citations	4.3 avg, IF	4.07 L-index

#	Paper	IF	Citations
46	Dual inhibitors of P-glycoprotein and tumor cell growth: (re)discovering thioxanthones. *Biochemical Pharmacology*, **2012**, 83, 57-68	6	93
45	Medicinal Chemistry Strategies to Disrupt the p53-MDM2/MDMX Interaction. *Medicinal Research Reviews*, **2016**, 36, 789-844	14.4	58
44	Discovery of a new small-molecule inhibitor of p53-MDM2 interaction using a yeast-based approach. *Biochemical Pharmacology*, **2013**, 85, 1234-45	6	50
43	New uses for old drugs: pharmacophore-based screening for the discovery of P-glycoprotein inhibitors. *Chemical Biology and Drug Design*, **2011**, 78, 57-72	2.9	47
42	Preliminary Virtual Screening Studies to Identify GRP78 Inhibitors Which May Interfere with SARS-CoV-2 Infection. *Pharmaceuticals*, **2020**, 13,	5.2	39
41	Structure and ligand-based design of P-glycoprotein inhibitors: a historical perspective. *Current Pharmaceutical Design*, **2012**, 18, 4197-214	3.3	38
40	Insights into the in vitro antitumor mechanism of action of a new pyranoxanthone. *Chemical Biology and Drug Design*, **2010**, 76, 43-58	2.9	36
39	Induction and activation of P-glycoprotein by dihydroxylated xanthones protect against the cytotoxicity of the P-glycoprotein substrate paraquat. *Archives of Toxicology*, **2014**, 88, 937-51	5.8	32
38	P-glycoprotein induction in Caco-2 cells by newly synthetized thioxanthones prevents paraquat cytotoxicity. *Archives of Toxicology*, **2015**, 89, 1783-800	5.8	28
37	Enantioresolution of chiral derivatives of xanthones on (S,S)-Whelk-O1 and L-phenylglycine stationary phases and chiral recognition mechanism by docking approach for (S,S)-Whelk-O1. *Chirality*, **2013**, 25, 89-100	2.1	28
36	Colchicine effect on P-glycoprotein expression and activity: in silico and in vitro studies. *Chemico-Biological Interactions*, **2014**, 218, 50-62	5	27
35	Xanthone and Flavone Derivatives as Dual Agents with Acetylcholinesterase Inhibition and Antioxidant Activity as Potential Anti-Alzheimer Agents. *Journal of Chemistry*, **2017**, 2017, 1-16	2.3	25
34	Enantiomeric Resolution and Docking Studies of Chiral Xanthonic Derivatives on Chirobiotic Columns. *Molecules*, **2018**, 23,	4.8	24
33	Lipid reducing activity and toxicity profiles of a library of polyphenol derivatives. *European Journal of Medicinal Chemistry*, **2018**, 151, 272-284	6.8	23
32	Modulation of Autophagy by a Thioxanthone Decreases the Viability of Melanoma Cells. *Molecules*, **2016**, 21,	4.8	23
31	From Natural Products to New Synthetic Small Molecules: A Journey through the World of Xanthones. *Molecules*, **2021**, 26,	4.8	23
30	In silico and in vitro antioxidant and cytotoxicity evaluation of oxygenated xanthone derivatives. *Arabian Journal of Chemistry*, **2020**, 13, 17-26	5.9	21

29	Screening a Small Library of Xanthones for Antitumor Activity and Identification of a Hit Compound which Induces Apoptosis. *Molecules*, **2016**, 21, 81	4.8	20
28	Synergistic Effects Between Thioxanthones and Oxacillin Against Methicillin-Resistant Staphylococcus aureus. *Microbial Drug Resistance*, **2015**, 21, 404-15	2.9	19
27	Targeting the MDM2-p53 protein-protein interaction with prenylchalcones: Synthesis of a small library and evaluation of potential antitumor activity. *European Journal of Medicinal Chemistry*, **2018**, 156, 711-721	6.8	18
26	Development of novel rifampicin-derived P-glycoprotein activators/inducers. synthesis, in silico analysis and application in the RBE4 cell model, using paraquat as substrate. *PLoS ONE*, **2013**, 8, e74425	3.7	18
25	Synthesis, Biological Evaluation, and In Silico Studies of Novel Aminated Xanthones as Potential p53-Activating Agents. *Molecules*, **2019**, 24,	4.8	16
24	Design and synthesis of new inhibitors of p53MDM2 interaction with a chalcone scaffold. *Arabian Journal of Chemistry*, **2019**, 12, 4150-4161	5.9	16
23	Bioactive xanthones with effect on P-glycoprotein and prediction of intestinal absorption. *Medicinal Chemistry Research*, **2013**, 22, 2115-2123	2.2	15
22	Chiral Derivatives of Xanthones: Investigation of the Effect of Enantioselectivity on Inhibition of Cyclooxygenases (COX-1 and COX-2) and Binding Interaction with Human Serum Albumin. *Pharmaceuticals*, **2017**, 10,	5.2	14
21	Resolution, determination of enantiomeric purity and chiral recognition mechanism of new xanthone derivatives on (S,S)-whelk-O1 stationary phase. *Chirality*, **2017**, 29, 247-256	2.1	13
20	Newly Synthesized Oxygenated Xanthones as Potential P-Glycoprotein Activators: , , and Studies. *Molecules*, **2019**, 24,	4.8	13
19	Interaction between hydroxyethyl starch and propofol: computational and laboratorial study. *Journal of Biomolecular Structure and Dynamics*, **2014**, 32, 1864-75	3.6	9
18	Multidrug resistance reversal effects of aminated thioxanthones and interaction with cytochrome P450 3A4. *Journal of Pharmacy and Pharmaceutical Sciences*, **2012**, 15, 31-45	3.4	9
17	Structure-Antifouling Activity Relationship and Molecular Targets of Bio-Inspired(thio)xanthones. *Biomolecules*, **2020**, 10,	5.9	9
16	New Alkoxy Flavone Derivatives Targeting Caspases: Synthesis and Antitumor Activity Evaluation. *Molecules*, **2018**, 24,	4.8	9
15	Sulfated small molecules targeting eBV in Burkitt lymphoma: from in silico screening to the evidence of in vitro effect on viral episomal DNA. *Chemical Biology and Drug Design*, **2013**, 81, 631-44	2.9	8
14	Xanthones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. *Antibiotics*, **2021**, 10,	4.9	8
13	Enantioseparation, recognition mechanisms and binding of xanthones on human serum albumin by liquid chromatography. *Bioanalysis*, **2019**, 11, 1255-1274	2.1	6
12	Transcription profiling of the Neurospora crassa response to a group of synthetic (thio)xanthones and a natural acetophenone. *Genomics Data*, **2015**, 4, 26-32		6

11	Oxygenated xanthones as P-glycoprotein modulators at the intestinal barrier: in vitro and docking studies. *Medicinal Chemistry Research*, **2020**, 29, 1041-1057	2.2	5
10	SULFATION PATHWAYS: Potential benefits of a sulfated resveratrol derivative for topical application. *Journal of Molecular Endocrinology*, **2018**, 61, M27-M39	4.5	5
9	New chiral stationary phases for liquid chromatography based on small molecules: Development, enantioresolution evaluation and chiral recognition mechanisms. *Chirality*, **2020**, 32, 81-97	2.1	5
8	Flavonoid Glycosides with a Triazole Moiety for Marine Antifouling Applications: Synthesis and Biological Activity Evaluation. *Marine Drugs*, **2020**, 19,	6	4
7	New marine-derived indolymethyl pyrazinoquinazoline alkaloids with promising antimicrobial profiles.. *RSC Advances*, **2020**, 10, 31187-31204	3.7	2
6	Antimicrobial Activity of a Library of Thioxanthones and Their Potential as Efflux Pump Inhibitors. *Pharmaceuticals*, **2021**, 14,	5.2	2
5	A Diarylpentanoid with Potential Activation of the p53 Pathway: Combination of in silico Screening Studies, Synthesis, and Biological Activity Evaluation. *ChemMedChem*, **2021**, 16, 2969-2981	3.7	2
4	Chiral derivatives of xanthones and benzophenones: Synthesis, enantioseparation, molecular docking, and tumor cell growth inhibition studies. *Chirality*, **2021**, 33, 153-166	2.1	2
3	BP-M345, a New Diarylpentanoid with Promising Antimitotic Activity. *Molecules*, **2021**, 26,	4.8	1
2	Supramolecular Atropine Potentiometric Sensor. *Sensors*, **2021**, 21,	3.8	1
1	Indole-Containing Pyrazino[2,1-]quinazoline-3,6-diones Active against and Trypanosomatids.. *ACS Medicinal Chemistry Letters*, **2022**, 13, 225-235	4.3	0