Cristina Amaral

List of Publications by Citations

40 papers	1,103 citations	18 h-index	33 g-index
44 ext. papers	1,795 ext. citations	5.1 avg, IF	4.2 L-index

#	Paper	IF	Citations
40	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
39	New structure-activity relationships of A- and D-ring modified steroidal aromatase inhibitors: design, synthesis, and biochemical evaluation. *Journal of Medicinal Chemistry*, **2012**, 55, 3992-4002	8.3	54
38	Acquired resistance to aromatase inhibitors: where we stand!. *Endocrine-Related Cancer*, **2018**, 25, R283-R301	5.7	45
37	Apoptosis and autophagy in breast cancer cells following exemestane treatment. *PLoS ONE*, **2012**, 7, e42398	3.7	42
36	Methylone and MDPV activate autophagy in human dopaminergic SH-SY5Y cells: a new insight into the context of β-keto amphetamines-related neurotoxicity. *Archives of Toxicology*, **2017**, 91, 3663-3676	5.8	37
35	Cannabis sativa: Much more beyond Δ9-tetrahydrocannabinol. *Pharmacological Research*, **2020**, 157, 104822	10.2	30
34	Cannabinoid-induced autophagy: Protective or death role?. *Prostaglandins and Other Lipid Mediators*, **2016**, 122, 54-63	3.7	27
33	Exemestane metabolites: Synthesis, stereochemical elucidation, biochemical activity and anti-proliferative effects in a hormone-dependent breast cancer cell line. *European Journal of Medicinal Chemistry*, **2014**, 87, 336-45	6.8	27
32	Effects of steroidal aromatase inhibitors on sensitive and resistant breast cancer cells: aromatase inhibition and autophagy. *Journal of Steroid Biochemistry and Molecular Biology*, **2013**, 135, 51-9	5.1	27
31	Unravelling exemestane: From biology to clinical prospects. *Journal of Steroid Biochemistry and Molecular Biology*, **2016**, 163, 1-11	5.1	25
30	The endocannabinoid anandamide impairs in vitro decidualization of human cells. *Reproduction*, **2016**, 152, 351-61	3.8	24
29	Design, synthesis and biochemical studies of new 7β-allylandrostanes as aromatase inhibitors. *Steroids*, **2013**, 78, 662-9	2.8	23
28	The role of soybean extracts and isoflavones in hormone-dependent breast cancer: aromatase activity and biological effects. *Food and Function*, **2017**, 8, 3064-3074	6.1	21
27	C-6β vs C-7β Substituted Steroidal Aromatase Inhibitors: Which Is Better? Synthesis, Biochemical Evaluation, Docking Studies, and Structure-Activity Relationships. *Journal of Medicinal Chemistry*, **2019**, 62, 3636-3657	8.3	21
26	Anti-tumor efficacy of new 7β-substituted androstanes as aromatase inhibitors in hormone-sensitive and resistant breast cancer cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 171, 218-228	5.1	18
25	Exemestane metabolites suppress growth of estrogen receptor-positive breast cancer cells by inducing apoptosis and autophagy: A comparative study with Exemestane. *International Journal of Biochemistry and Cell Biology*, **2015**, 69, 183-95	5.6	18
24	Quantitative analysis of five sterols in amniotic fluid by GC-MS: application to the diagnosis of cholesterol biosynthesis defects. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2010**, 878, 2130-6	3.2	18

23	Hormone-dependent breast cancer: Targeting autophagy and PI3K overcomes Exemestane-acquired resistance. *Journal of Steroid Biochemistry and Molecular Biology*, **2018**, 183, 51-61	5.1	18
22	Steroidal aromatase inhibitors inhibit growth of hormone-dependent breast cancer cells by inducing cell cycle arrest and apoptosis. *Apoptosis: an International Journal on Programmed Cell Death*, **2013**, 18, 1426-1436	5.4	17
21	Estrogen receptor-positive (ER) breast cancer treatment: Are multi-target compounds the next promising approach?. *Biochemical Pharmacology*, **2020**, 177, 113989	6	17
20	Development of a new gas chromatography-mass spectrometry (GC-MS) methodology for the evaluation of 5-reductase activity. *Talanta*, **2013**, 107, 154-61	6.2	15
19	The synthetic cannabinoid WIN-55,212 induced-apoptosis in cytotrophoblasts cells by a mechanism dependent on CB1 receptor. *Toxicology*, **2017**, 385, 67-73	4.4	14
18	Cannabidiol (CBD) but not tetrahydrocannabinol (THC) dysregulate in vitro decidualization of human endometrial stromal cells by disruption of estrogen signaling. *Reproductive Toxicology*, **2020**, 93, 75-82	3.4	14
17	Synthetic cannabinoids JWH-018, JWH-122, UR-144 and the phytocannabinoid THC activate apoptosis in placental cells. *Toxicology Letters*, **2020**, 319, 129-137	4.4	14
16	Chemical composition and anti-cancer properties of Juniperus oxycedrus L. essential oils on estrogen receptor-positive breast cancer cells. *Journal of Functional Foods*, **2019**, 59, 261-271	5.1	13
15	Anandamide oxidative metabolism-induced endoplasmic reticulum stress and apoptosis. *Apoptosis: an International Journal on Programmed Cell Death*, **2017**, 22, 816-826	5.4	11
14	Exploring new chemical functionalities to improve aromatase inhibition of steroids. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 2823-31	3.4	11
13	Effects of new C6-substituted steroidal aromatase inhibitors in hormone-sensitive breast cancer cells: Cell death mechanisms and modulation of estrogen and androgen receptors. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 195, 105486	5.1	10
12	Anandamide interferes with human endometrial stromal-derived cell differentiation: An effect dependent on inhibition of cyclooxygenase-2 expression and prostaglandin E2 release. *BioFactors*, **2016**, 42, 277-86	6.1	10
11	Anandamide targets aromatase: A breakthrough on human decidualization. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2019**, 1864, 158512	5	9
10	New steroidal 17-carboxy derivatives present anti-5-reductase activity and anti-proliferative effects in a human androgen-responsive prostate cancer cell line. *Biochimie*, **2013**, 95, 2097-106	4.6	9
9	Unveiling the mechanism of action behind the anti-cancer properties of cannabinoids in ER breast cancer cells: Impact on aromatase and steroid receptors. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 210, 105876	5.1	7
8	The potential clinical benefit of targeting androgen receptor (AR) in estrogen-receptor positive breast cancer cells treated with Exemestane. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2020**, 1866, 165661	6.9	6
7	Discovery of a multi-target compound for estrogen receptor-positive (ER) breast cancer: Involvement of aromatase and ERs. *Biochimie*, **2021**, 181, 65-76	4.6	6
6	Cannabinoids in Breast Cancer: Differential Susceptibility According to Subtype.. *Molecules*, **2021**, 27,	4.8	2

5	A novel GC-MS methodology to evaluate aromatase activity in human placental microsomes: a comparative study with the standard radiometric assay. *Analytical and Bioanalytical Chemistry*, **2019** , 411, 7005-7013	4.4	1
4	Cannabidiol disrupts apoptosis, autophagy and invasion processes of placental trophoblasts. *Archives of Toxicology*, **2021**, 95, 3393-3406	5.8	1
3	The anti-cancer potential of crotoxin in estrogen receptor-positive breast cancer: Its effects and mechanism of action. *Toxicon*, **2021**, 200, 69-77	2.8	1
2	Effects of PI3K inhibition in AI-resistant breast cancer cell lines: autophagy, apoptosis, and cell cycle progression. *Breast Cancer Research and Treatment*, **2021**, 190, 227-240	4.4	0
1	Differential biological effects of aromatase inhibitors: Apoptosis, autophagy, senescence and modulation of the hormonal status in breast cancer cells. *Molecular and Cellular Endocrinology*, **2021**, 537, 111426	4.4	0