Odilia Queiros

List of Publications by Citations

24 papers	624 citations	14 h-index	24 g-index
24 ext. papers	741 ext. citations	4.8 avg, IF	3.7 L-index

#	Paper	IF	Citations
24	Transport of carboxylic acids in yeasts. *FEMS Microbiology Reviews*, **2008**, 32, 974-94	15.1	119
23	Hair as an alternative matrix in bioanalysis. *Bioanalysis*, **2013**, 5, 895-914	2.1	63
22	Lactic acid production in Saccharomyces cerevisiae is modulated by expression of the monocarboxylate transporters Jen1 and Ady2. *FEMS Yeast Research*, **2012**, 12, 375-81	3.1	59
21	Value of pH regulators in the diagnosis, prognosis and treatment of cancer. *Seminars in Cancer Biology*, **2017**, 43, 17-34	12.7	54
20	Cancer cell bioenergetics and pH regulation influence breast cancer cell resistance to paclitaxel and doxorubicin. *Journal of Bioenergetics and Biomembranes*, **2013**, 45, 467-75	3.7	48
19	Butyrate activates the monocarboxylate transporter MCT4 expression in breast cancer cells and enhances the antitumor activity of 3-bromopyruvate. *Journal of Bioenergetics and Biomembranes*, **2012**, 44, 141-53	3.7	45
18	Comparative metabolism of tramadol and tapentadol: a toxicological perspective. *Drug Metabolism Reviews*, **2016**, 48, 577-592	7	41
17	The cytotoxicity of 3-bromopyruvate in breast cancer cells depends on extracellular pH. *Biochemical Journal*, **2015**, 467, 247-58	3.8	29
16	Carboxylic Acids Plasma Membrane Transporters in Saccharomyces cerevisiae. *Advances in Experimental Medicine and Biology*, **2016**, 892, 229-251	3.6	28
15	Effective analgesic doses of tramadol or tapentadol induce brain, lung and heart toxicity in Wistar rats. *Toxicology*, **2017**, 385, 38-47	4.4	23
14	Functional analysis of Kluyveromyces lactis carboxylic acids permeases: heterologous expression of KlJEN1 and KlJEN2 genes. *Current Genetics*, **2007**, 51, 161-9	2.9	22
13	Comparative study of the neurotoxicological effects of tramadol and tapentadol in SH-SY5Y cells. *Toxicology*, **2016**, 359-360, 1-10	4.4	21
12	Acute administration of tramadol and tapentadol at effective analgesic and maximum tolerated doses causes hepato- and nephrotoxic effects in Wistar rats. *Toxicology*, **2017**, 389, 118-129	4.4	18
11	Acquisition of flocculation phenotype by Kluyveromyces marxianus when overexpressing GAP1 gene encoding an isoform of glyceraldehyde-3-phosphate dehydrogenase. *Journal of Microbiological Methods*, **2003**, 55, 433-40	2.8	14
10	Improved gap repair cloning in yeast: treatment of the gapped vector with Taq DNA polymerase avoids vector self-ligation. *Yeast*, **2012**, 29, 419-23	3.4	12
9	The Debaryomyces hansenii carboxylate transporters Jen1 homologues are functional in Saccharomyces cerevisiae. *FEMS Yeast Research*, **2015**, 15,	3.1	7
8	Repeated Administration of Clinical Doses of Tramadol and Tapentadol Causes Hepato- and Nephrotoxic Effects in Wistar Rats. *Pharmaceuticals*, **2020**, 13,	5.2	6

List of Publications

7	Disruption of pH Dynamics Suppresses Proliferation and Potentiates Doxorubicin Cytotoxicity in Breast Cancer Cells. *Pharmaceutics*, **2021**, 13,	6.4	4
6	Repeated Administration of Clinically Relevant Doses of the Prescription Opioids Tramadol and Tapentadol Causes Lung, Cardiac, and Brain Toxicity in Wistar Rats. *Pharmaceuticals*, **2021**, 14,	5.2	3
5	Xylose Metabolism in Bacteria Opportunities and Challenges towards Efficient Lignocellulosic Biomass-Based Biorefineries. *Applied Sciences (Switzerland)*, **2021**, 11, 8112	2.6	3
4	MCT1, MCT4 and CD147 expression and 3-bromopyruvate toxicity in colorectal cancer cells are modulated by the extracellular conditions. *Biological Chemistry*, **2019**, 400, 787-799	4.5	2
3	Bioenergetic modulators hamper cancer cell viability and enhance response to chemotherapy. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 3782	5.6	2
2	Meconium as an alternative matrix in bioanalysis **2015**, 136-150		1
1	New horizons on pH regulators as cancer biomarkers and targets for pharmacological intervention **2020**, 417-450		0