JoÃ£o Azevedo-Silva

List of Publications by Year
in descending order

17 papers	892 citations	687363 13 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	1467 citing authors

#	Article	IF	Citations
1	Role of monocarboxylate transporters in human cancers: state of the art. Journal of Bioenergetics and Biomembranes, 2012, 44, 127-139.	2.3	330
2	Monocarboxylate transporters as targets and mediators in cancer therapy response. Histology and Histopathology, 2014, 29, 1511-24.	0.7	87
3	The Role of Diet Related Short-Chain Fatty Acids in Colorectal Cancer Metabolism and Survival: Prevention and Therapeutic Implications. Current Medicinal Chemistry, 2020, 27, 4087-4108.	2.4	72
4	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, 141-153.	2.3	60
5	The anticancer agent 3-bromopyruvate: a simple but powerful molecule taken from the lab to the bedside. Journal of Bioenergetics and Biomembranes, 2016, 48, 349-362.	2.3	55
6	Batch production of a silk-elastin-like protein in E. coli BL21(DE3): key parameters for optimisation. Microbial Cell Factories, 2013, 12, 21.	4.0	51
7	Colorectal Cancer Cells Increase the Production of Short Chain Fatty Acids by Propionibacterium freudenreichii Impacting on Cancer Cells Survival. Frontiers in Nutrition, 2018, 5, 44.	3.7	43
8	Characterization of acetate transport in colorectal cancer cells and potential therapeutic implications. Oncotarget, 2016, 7, 70639-70653.	1.8	37
9	High level expression and facile purification of recombinant silk-elastin-like polymers in auto induction shake flask cultures. AMB Express, 2013, 3, 11.	3.0	33
10	The cytotoxicity of 3-bromopyruvate in breast cancer cells depends on extracellular pH. Biochemical Journal, 2015, 467, 247-258.	3.7	30
11	From Sharks to Yeasts: Squalene in the Development of Vaccine Adjuvants. Pharmaceuticals, 2022, 15, 265.	3.8	25
12	Membrane transporters in the bioproduction of organic acids: state of the art and future perspectives for industrial applications. FEMS Microbiology Letters, 2020, 367, .	1.8	22
13	The acetate uptake transporter family motif â€œNPAPLGL(M/S)â€•is essential for substrate uptake. Fungal Genetics and Biology, 2019, 122, 1-10.	2.1	17
14	Phytosterols and Novel Triterpenes Recovered from Industrial Fermentation Coproducts Exert In Vitro Anti-Inflammatory Activity in Macrophages. Pharmaceuticals, 2021, 14, 583.	3.8	12
15	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.	2.5	11
16	New insights into the acetate uptake transporter (AceTr) family: Unveiling amino acid residues critical for specificity and activity. Computational and Structural Biotechnology Journal, 2021, 19, 4412-4425.	4.1	6
17	Cytoskeleton disruption by the metabolic inhibitor 3-bromopyruvate: implications in cancer therapy. , 2022, 39, .		1