Iris A L Silva

List of Publications by Year
in descending order

30 papers	409 citations	858243 12 h-index	889612 19 g-index
30 all docs	30 docs citations	30 times ranked	472 citing authors

#	Article	IF	Citations
1	Systems Approaches to Unravel Molecular Function: High-content siRNA Screen Identifies TMEM16A Traffic Regulators as Potential Drug Targets for Cystic Fibrosis. Journal of Molecular Biology, 2022, 434, 167436.	2.0	3
2	Rescue of Mutant CFTR Trafficking Defect by the Investigational Compound MCG1516A. Cells, 2022, 11, 136.	1.8	11
3	Rare Trafficking CFTR Mutations Involve Distinct Cellular Retention Machineries and Require Different Rescuing Strategies. International Journal of Molecular Sciences, 2022, 23, 24.	1.8	15
4	New drugs in cystic fibrosis: what has changed in the last decade?. Therapeutic Advances in Chronic Disease, 2022, 13, 204062232210981.	1.1	0
5	Personalized Medicine Based on Nasal Epithelial Cells: Comparative Studies with Rectal Biopsies and Intestinal Organoids. Journal of Personalized Medicine, 2021, 11, 421.	1.1	19
6	Pharmacological Modulation of Ion Channels for the Treatment of Cystic Fibrosis. Journal of Experimental Pharmacology, 2021, Volume 13, 693-723.	1.5	24
7	Pediatric population with cystic fibrosis in the centre of Portugal: Candidates for new therapies. Jornal De Pediatria, 2021, , .	0.9	0
8	An open-source high-content analysis workflow for CFTR function measurements using the forskolin-induced swelling assay. Bioinformatics, 2021, 36, 5686-5694.	1.8	6
9	Synergy in Cystic Fibrosis Therapies: Targeting SLC26A9. International Journal of Molecular Sciences, 2021, 22, 13064.	1.8	14
10	Organoids as a personalized medicine tool for ultra-rare mutations in cystic fibrosis: The case of S955P and 1717-2A>G. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165905.	1.8	7
11	Protocol for Application, Standardization and Validation of the Forskolin-Induced Swelling Assay in Cystic Fibrosis Human Colon Organoids. STAR Protocols, 2020, 1, 100019.	0.5	69
12	Mutant CFTR Drives TWIST1 mediated epithelialâ€“mesenchymal transition. Cell Death and Disease, 2020, 11, 920.	2.7	29
13	Assessment of Distinct Electrophysiological Parameters in Rectal Biopsies for the Choice of the Best Diagnosis/Prognosis Biomarkers for Cystic Fibrosis. Frontiers in Physiology, 2020, 11, 604580.	1.3	6
14	Rationale and design of the HIT-CF organoid study: stratifying cystic fibrosis patients based on intestinal organoid response to different CFTR-modulators. Translational Medicine Communications, 2020, 5, .	0.5	10
15	Characterization of the mechanism of action of RDR01752, a novel corrector of F508del-CFTR. Biochemical Pharmacology, 2020, 180, 114133.	2.0	14
16	P204 A check of the organoid FIS assay reproducibility when performed in a newly established local lab. Journal of Cystic Fibrosis, 2020, 19, S114.	0.3	0
17	KLF4 Acts as a wt-CFTR Suppressor through an AKT-Mediated Pathway. Cells, 2020, 9, 1607.	1.8	11
18	The effect of premature termination codon mutations on CFTR mRNA abundance in human nasal epithelium and intestinal organoids: a basis for readâ€through therapies in cystic fibrosis. Human Mutation, 2019, 40, 326-334.	1.1	19

#	Article	IF	Citations
19	R560S: A class II CFTR mutation that is not rescued by current modulators. Journal of Cystic Fibrosis, 2019, 18, 182-189.	0.3	25
20	WS13-3 Electrophysiological measurements in rectal biopsies: a better prognosis biomarker for cystic fibrosis disease?. Journal of Cystic Fibrosis, 2019, 18, S24-S25.	0.3	0
21	TMEM16A chloride channel does not drive mucus production. Life Science Alliance, 2019, 2, e201900462.	1.3	21
22	Effect of genetic variants of OPTN in the pathophysiology of Paget's disease of bone. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 143-151.	1.8	17
23	A novel microscopy-based assay identifies extended synaptotagmin-1 (ESYT1) as a positive regulator of anoctamin 1 traffic. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 421-431.	1.9	19
24	Molecular effect of an OPTN common variant associated to Paget's disease of bone. PLoS ONE, 2018, 13, e0197543.	1.1	10
25	Cloning, characterization and analysis of the 5â€² regulatory region of zebrafish xpd gene. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 185, 47-53.	0.7	2
26	Evolutionary conservation of TFIIH subunits: Implications for the use of zebrafish as a model to study TFIIH function and regulation. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 172-173, 9-20.	0.7	2
27	MiR-29a is an enhancer of mineral deposition in bone-derived systems. Archives of Biochemistry and Biophysics, 2014, 564, 173-183.	1.4	33
28	Can zebrafish be a valid model to study Paget's disease of bone?. Journal of Applied Ichthyology, 2014, 30, 678-688.	0.3	3
29	Molecular cloning and expression analysis of xpd from zebrafish (Danio rerio). Molecular Biology Reports, 2012, 39, 5339-5348.	1.0	8
30	Molecular characterization of two paralog genes encoding Gla-rich protein (Grp) in zebrafish. Journal of Applied Ichthyology, 2012, 28, 377-381.	0.3	12