

# Hugo M Botelho

## List of Publications by Year in descending order

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papers

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citations

516710

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501196

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docs citations

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times ranked

1318  
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. <i>Journal of Molecular Biology</i> , 2022, 434, 167436.	4.2	3
2	CFTR interactome mapping using the mammalian membrane two-hybrid high-throughput screening system. <i>Molecular Systems Biology</i> , 2022, 18, e10629.	7.2	13
3	Exploring YAP1-centered networks linking dysfunctional CFTR to epithelial-mesenchymal transition. <i>Life Science Alliance</i> , 2022, 5, e202101326.	2.8	6
4	Searching for a Paradigm Shift in Auger-Electron Cancer Therapy with Tumor-Specific Radiopeptides Targeting the Mitochondria and/or the Cell Nucleus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7238.	4.1	4
5	An open-source high-content analysis workflow for CFTR function measurements using the forskolin-induced swelling assay. <i>Bioinformatics</i> , 2021, 36, 5686-5694.	4.1	6
6	CFTR processing, trafficking and interactions. <i>Journal of Cystic Fibrosis</i> , 2020, 19, S33-S36.	0.7	19
7	Organoids as a personalized medicine tool for ultra-rare mutations in cystic fibrosis: The case of S955P and 1717-2A>G. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165905.	3.8	7
8	Full Rescue of F508del-CFTR Processing and Function by CFTR Modulators Can Be Achieved by Removal of Two Regulatory Regions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4524.	4.1	8
9	R560S: A class II CFTR mutation that is not rescued by current modulators. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 182-189.	0.7	25
10	Folding Status Is Determinant over Traffic-Competence in Defining CFTR Interactors in the Endoplasmic Reticulum. <i>Cells</i> , 2019, 8, 353.	4.1	21
11	Unravelling the antitumoral potential of novel bis(thiosemicarbazonato) Zn(II) complexes: structural and cellular studies. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 71-89.	2.6	7
12	A novel microscopy-based assay identifies extended synaptotagmin-1 (ESYT1) as a positive regulator of anoctamin 1 traffic. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 421-431.	4.1	19
13	The neuronal S100B protein is a calcium-tuned suppressor of amyloid- $\beta^2$ aggregation. <i>Science Advances</i> , 2018, 4, eaaq1702.	10.3	49
14	Correction of a Cystic Fibrosis Splicing Mutation by Antisense Oligonucleotides. <i>Human Mutation</i> , 2016, 37, 209-215.	2.5	66
15	Investigating Alternative Transport of Integral Plasma Membrane Proteins from the ER to the Golgi: Lessons from the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR). <i>Methods in Molecular Biology</i> , 2016, 1459, 105-126.	0.9	7
16	Protein Traffic Disorders: an Effective High-Throughput Fluorescence Microscopy Pipeline for Drug Discovery. <i>Scientific Reports</i> , 2015, 5, 9038.	3.3	55
17	Transcriptome meta-analysis reveals common differential and global gene expression profiles in cystic fibrosis and other respiratory disorders and identifies CFTR regulators. <i>Genomics</i> , 2015, 106, 268-277.	2.9	32
18	Structural Heterogeneity and Bioimaging of S100 Amyloid Assemblies. , 2014, , 197-212.		4

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19	BIOCHEMICAL AND BIOPHYSICAL CHARACTERIZATION OF RECOMBINANT YEAST PROTEASOME MATURATION FACTOR UMP1. Computational and Structural Biotechnology Journal, 2013, 7, e201304006.	4.1	20
20	Intrinsically Disordered and Aggregation Prone Regions Underlie $\beta^2$ -Aggregation in S100 Proteins. PLoS ONE, 2013, 8, e76629.	2.5	22
21	The Sulfur Oxygenase Reductase from the Mesophilic Bacterium <i>Halothiobacillus neapolitanus</i> Is a Highly Active Thermozyme. Journal of Bacteriology, 2012, 194, 677-685.	2.2	30
22	Analysis of S100 Oligomers and Amyloids. Methods in Molecular Biology, 2012, 849, 373-386.	0.9	23
23	S100A6 Amyloid Fibril Formation Is Calcium-modulated and Enhances Superoxide Dismutase-1 (SOD1) Aggregation. Journal of Biological Chemistry, 2012, 287, 42233-42242.	3.4	36
24	Metal ions as modulators of protein conformation and misfolding in neurodegeneration. Coordination Chemistry Reviews, 2012, 256, 2253-2270.	18.8	147
25	Structural reorganization renders enhanced metalloprotein stability. Chemical Communications, 2011, 47, 11149.	4.1	1
26	Role of a novel disulfide bridge within the all-beta fold of soluble Rieske proteins. Journal of Biological Inorganic Chemistry, 2010, 15, 271-281.	2.6	7
27	Natural and amyloid self-assembly of S100 proteins: structural basis of functional diversity. FEBS Journal, 2010, 277, 4578-4590.	4.7	115
28	Metal ions modulate the folding and stability of the tumor suppressor protein S100A2. FEBS Journal, 2009, 276, 1776-1786.	4.7	29
29	A Proteomic Approach toward the Selection of Proteins with Enhanced Intrinsic Conformational Stability. Journal of Proteome Research, 2006, 5, 2720-2726.	3.7	14