Ambra Gianotti

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3018432/publications.pdf

Version: 2024-02-01

17	568	759233 12	888059 17
papers	citations	h-index	g-index

18	18	18	880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association of TMEM16A chloride channel overexpression with airway goblet cell metaplasia. Journal of Physiology, 2012, 590, 6141-6155.	2.9	151
2	Goblet Cell Hyperplasia Requires High Bicarbonate Transport To Support Mucin Release. Scientific Reports, 2016, 6, 36016.	3.3	75
3	Genetic Inhibition Of The Ubiquitin Ligase Rnf5 Attenuates Phenotypes Associated To F508del Cystic Fibrosis Mutation. Scientific Reports, 2015, 5, 12138.	3.3	44
4	Functional analysis of acid-activated Clâ˜ channels: Properties and mechanisms of regulation. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 105-114.	2.6	35
5	Discovery of a picomolar potency pharmacological corrector of the mutant CFTR chloride channel. Science Advances, 2020, 6, eaay9669.	10.3	34
6	In vitro Methods for the Development and Analysis of Human Primary Airway Epithelia. Frontiers in Pharmacology, 2018, 9, 1176.	3.5	32
7	Upregulation of TMEM16A Protein in Bronchial Epithelial Cells by Bacterial Pyocyanin. PLoS ONE, 2015, 10, e0131775.	2.5	31
8	Synthesis and structureâ€“activity relationship of aminoarylthiazole derivatives as correctors of the chloride transport defect in cystic fibrosis. European Journal of Medicinal Chemistry, 2015, 99, 14-35.	5.5	31
9	Epithelial Sodium Channel Silencing as a Strategy to Correct the Airway Surface Fluid Deficit in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 445-452.	2.9	27
10	Pharmacological analysis of epithelial chloride secretion mechanisms in adult murine airways. European Journal of Pharmacology, 2016, 781, 100-108.	3.5	24
11	Small Molecule Anion Carriers Correct Abnormal Airway Surface Liquid Properties in Cystic Fibrosis Airway Epithelia. International Journal of Molecular Sciences, 2020, 21, 1488.	4.1	21
12	Pharmacological rescue of mutant CFTR protein improves the viscoelastic properties of CF mucus. Journal of Cystic Fibrosis, 2016, 15, 295-301.	0.7	19
13	Identification, Structureâ€“Activity Relationship, and Biological Characterization of 2,3,4,5-Tetrahydro-1H-pyrido[4,3-b]indoles as a Novel Class of CFTR Potentiators. Journal of Medicinal Chemistry, 2020, 63, 11169-11194.	6.4	12
14	Intermolecular Interactions in the TMEM16A Dimer Controlling Channel Activity. Scientific Reports, 2016, 6, 38788.	3.3	11
15	Lack of Kcnn4 improves mucociliary clearance in muco-obstructive lung disease. JCI Insight, 2020, 5, .	5.0	11
16	The Application of Bicarbonate Recovers the Chemical-Physical Properties of Airway Surface Liquid in Cystic Fibrosis Epithelia Models. Biology, 2021, 10, 278.	2.8	9
17	KCa3.1 differentially regulates trachea and bronchi epithelial gene expression in a chronic-asthma mouse model. Physiological Genomics, 2022, 54, 273-282.	2.3	1