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List of Publications by Year
in descending order

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137 papers	7,819 citations	81743 39 h-index	56606 83 g-index
141 all docs	141 docs citations	141 times ranked	14615 citing authors

#	Article	IF	Citations
1	Modulating Innate and Adaptive Immunity by (R)-Roscovitine: Potential Therapeutic Opportunity in Cystic Fibrosis. Journal of Innate Immunity, 2016, 8, 330-349.	1.8	3,509
2	Interleukin-1Î² Secretion Is Impaired by Inhibitors of the Atp Binding Cassette Transporter, ABC1. Blood, 1997, 90, 2911-2915.	0.6	207
3	Phosphatase inhibitors activate normal and defective CFTR chloride channels.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 9160-9164.	3.3	156
4	9â€Phenanthrol inhibits human TRPM4 but not TRPM5 cationic channels. British Journal of Pharmacology, 2008, 153, 1697-1705.	2.7	135
5	ABC1, an ATP Binding Cassette Transporter Required for Phagocytosis of Apoptotic Cells, Generates a Regulated Anion Flux after Expression in Xenopus laevis Oocytes. Journal of Biological Chemistry, 1997, 272, 2695-2699.	1.6	123
6	Rescue of functional delF508-CFTR channels in cystic fibrosis epithelial cells by the Î±-glucosidase inhibitor miglustat. FEBS Letters, 2006, 580, 2081-2086.	1.3	123
7	Development of Substituted Benzo[c]quinolizinium Compounds as Novel Activators of the Cystic Fibrosis Chloride Channel. Journal of Biological Chemistry, 1999, 274, 27415-27425.	1.6	102
8	Missense Mutations in SLC26A8, Encoding a Sperm-Specific Activator of CFTR, Are Associated with Human Asthenozoospermia. American Journal of Human Genetics, 2013, 92, 760-766.	2.6	92
9	Tat1, a Novel Sulfate Transporter Specifically Expressed in Human Male Germ Cells and Potentially Linked to RhoGTPase Signaling. Journal of Biological Chemistry, 2001, 276, 20309-20315.	1.6	84
10	Sildenafil (Viagra) corrects ÂF508-CFTR location in nasal epithelial cells from patients with cystic fibrosis. Thorax, 2005, 60, 55-59.	2.7	81
11	Discovery of novel potent <scp>Î”F</scp> 508â€•<scp>CFTR</scp> correctors that target the nucleotide binding domain. EMBO Molecular Medicine, 2013, 5, 1484-1501.	3.3	77
12	The testis anion transporter TAT1 (SLC26A8) physically and functionally interacts with the cystic fibrosis transmembrane conductance regulator channel: a potential role during sperm capacitation. Human Molecular Genetics, 2012, 21, 1287-1298.	1.4	70
13	Disruption of CFTR chloride channel alters mechanical properties and cAMP-dependent Clâ^'transport of mouse aortic smooth muscle cells. Journal of Physiology, 2005, 568, 483-495.	1.3	69
14	Calcium homeostasis is abnormal in cystic fibrosis airway epithelial cells but is normalized after rescue of F508del-CFTR. Cell Calcium, 2008, 43, 175-183.	1.1	65
15	Maintaining Low Ca2+ Level in the Endoplasmic Reticulum Restores Abnormal Endogenous F508del-CFTR Trafficking in Airway Epithelial Cells. Traffic, 2006, 7, 562-573.	1.3	63
16	A Novel Voltage-dependent Chloride Current Activated by Extracellular Acidic pH in Cultured Rat Sertoli Cells. Journal of Biological Chemistry, 2003, 278, 19230-19236.	1.6	62
17	Determination of CFTR chloride channel activity and pharmacology using radiotracer flux methods. Journal of Cystic Fibrosis, 2004, 3, 119-121.	0.3	61
18	Rescue of Î”F508-CFTR (Cystic Fibrosis Transmembrane Conductance Regulator) by Curcumin: Involvement of the Keratin 18 Network. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 500-505.	1.3	60

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19	Pharmacological therapy for cystic fibrosis: From bench to bedside. Journal of Cystic Fibrosis, 2011, 10, S129-S145.	0.3	58
20	Structural basis for specificity and potency of xanthine derivatives as activators of the CFTR chloride channel. British Journal of Pharmacology, 1998, 123, 683-693.	2.7	56
21	Possible regulation of CFTR-chloride channels by membrane-bound phosphatases in pancreatic duct cells. FEBS Letters, 1993, 327, 337-342.	1.3	55
22	Transient Receptor Potential Canonical Channel 6 Links Ca²⁺ Mishandling to Cystic Fibrosis Transmembrane Conductance Regulator Channel Dysfunction in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 83-90.	1.4	55
23	Evidence that CFTR is expressed in rat tracheal smooth muscle cells and contributes to bronchodilation. Respiratory Research, 2006, 7, 113.	1.4	54
24	A Cystic Fibrosis Respiratory Epithelial Cell Chronically Treated by Miglustat Acquires a Nonâ€“Cystic Fibrosisâ€“Like Phenotype. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 217-225.	1.4	54
25	Cloning and expression of two plasma membrane aquaporins expressed during the ripening of grape berry. Functional Plant Biology, 2003, 30, 621.	1.1	53
26	Correction of G551D-CFTR transport defect in epithelial monolayers by genistein but not by CPX or MPB-07. British Journal of Pharmacology, 2002, 137, 504-512.	2.7	52
27	Synthesis, SAR, Crystal Structure, and Biological Evaluation of Benzoquinoliziniums as Activators of Wild-Type and Mutant Cystic Fibrosis Transmembrane Conductance Regulator Channels. Journal of Medicinal Chemistry, 2004, 47, 962-972.	2.9	51
28	Regulation of the Cystic Fibrosis Transmembrane Conductance Regulator Channel by Î²-Adrenergic Agonists and Vasoactive Intestinal Peptide in Rat Smooth Muscle Cells and Its Role in Vasorelaxation. Journal of Biological Chemistry, 2004, 279, 21160-21168.	1.6	50
29	Dysfunction of mitochondria Ca2+ uptake in cystic fibrosis airway epithelial cells. Mitochondrion, 2009, 9, 232-241.	1.6	50
30	cAMP- and Ca2+-independent Activation of Cystic Fibrosis Transmembrane Conductance Regulator Channels by Phenylimidazothiazole Drugs. Journal of Biological Chemistry, 1996, 271, 16171-16179.	1.6	49
31	Syntaxin 8 impairs trafficking of cystic fibrosis transmembrane conductance regulator (CFTR) and inhibits its channel activity. Journal of Cell Science, 2004, 117, 1923-1935.	1.2	46
32	Activation of VPAC1 receptors by VIP and PACAP-27 in human bronchial epithelial cells induces CFTR-dependent chloride secretion. British Journal of Pharmacology, 2004, 141, 698-708.	2.7	46
33	Anti-inflammatory effect of miglustat in bronchial epithelial cells. Journal of Cystic Fibrosis, 2008, 7, 555-565.	0.3	45
34	Parallel Improvement of Sodium and Chloride Transport Defects by Miglustat (n-Butyldeoxynojyrimicin) in Cystic Fibrosis Epithelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 1016-1023.	1.3	45
35	Activation of G551D CFTR channel with MPB-91: regulation by ATPase activity and phosphorylation. American Journal of Physiology - Cell Physiology, 2001, 281, C1657-C1666.	2.1	44
36	C-Branched Iminosugars: Î±-Glucosidase Inhibition by Enantiomers of isoDMDP, isoDGDP, and isoDABâ€“<scp>l</scp>-isoDMDP Compared to Miglitol and Miglustat. Journal of Organic Chemistry, 2013, 78, 7380-7397.	1.7	44

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37	Cystic fibrosis and diabetes: isoLAB and isoDAB, enantiomeric carbon-branched pyrrolidine iminosugars. Tetrahedron Letters, 2010, 51, 4170-4174.	0.7	42
38	Selection of the biological activity of DNJ neoglycoconjugates through click length variation of the side chain. Organic and Biomolecular Chemistry, 2011, 9, 5373.	1.5	42
39	A Cystic Fibrosis Tracheal Gland Cell Line, CF-KM4. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 684-691.	1.4	41
40	CFTR and Ca2+ signaling in cystic fibrosis. Frontiers in Pharmacology, 2011, 2, 67.	1.6	41
41	First cloning and functional characterization of a melatonin receptor in fish brain: a novel one?. Journal of Pineal Research, 2002, 32, 74-84.	3.4	39
42	Discovery of Pyrrolo[2,3-b]pyrazines Derivatives as Submicromolar Affinity Activators of Wild Type, G551D, and F508del Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channels. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 349-359.	1.3	39
43	MPB-07 Reduces the Inflammatory Response toPseudomonas aeruginosain Cystic Fibrosis Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 615-624.	1.4	39
44	Cystic Fibrosis Transmembrane Conductance Regulator Modulators for Personalized Drug Treatment of Cystic Fibrosis. Drugs, 2010, 70, 241-259.	4.9	39
45	Rescue of Functional CFTR Channels in Cystic Fibrosis: A Dramatic Multivalent Effect Using Iminosugar Clusterâ€Based Correctors. ChemBioChem, 2013, 14, 2050-2058.	1.3	39
46	The expression of carbonic anhydrases II and IV in the human pancreatic cancer cell line (Capan 1) is associated with bicarbonate ion channels. Biology of the Cell, 1994, 81, 131-141.	0.7	38
47	The cystic fibrosis mutation G1349D within the signature motif LSHGH of NBD2 abolishes the activation of CFTR chloride channels by genistein. Biochemical Pharmacology, 2004, 67, 2187-2196.	2.0	37
48	Expression and function of cystic fibrosis transmembrane conductance regulator in rat intrapulmonary arteries. European Respiratory Journal, 2007, 30, 857-864.	3.1	37
49	Anion channels in a human pancreatic cancer cell line (Capan-1) of ductal origin. Pflugers Archiv European Journal of Physiology, 1992, 420, 46-53.	1.3	36
50	4-C-Me-DAB and 4-C-Me-LABâ€”enantiomeric alkyl-branched pyrrolidine iminosugarsâ€”are specific and potent Î±-glucosidase inhibitors; acetone as the sole protecting group. Tetrahedron Letters, 2011, 52, 219-223.	0.7	35
51	Ionic channel rundown in excised membrane patches. BBA - Biomembranes, 1996, 1286, 53-63.	7.9	34
52	The Cystic Fibrosis Mutation G551D Alters the Non-Michaelis-Menten Behavior of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Channel and Abolishes the Inhibitory Genistein Binding Site. Journal of Biological Chemistry, 2002, 277, 35999-36004.	1.6	32
53	Abnormal spatial diffusion of Ca2+ in F508del-CFTR airway epithelial cells. Respiratory Research, 2008, 9, 70.	1.4	32
54	Properties of CFTR activated by the xanthine derivative X-33 in human airway Calu-3 cells. American Journal of Physiology - Cell Physiology, 2000, 279, C1925-C1937.	2.1	31

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55	Acute Effects of Adenosine Triphosphates, Cyclic 3â€²,5â€²-Adenosine Monophosphates, and Follicle-Stimulating Hormone on Cytosolic Calcium Level in Cultured Immature Rat Sertoli Cells. Biology of Reproduction, 1999, 61, 343-352.	1.2	30
56	Structure Elucidation of a Dihydropyranone from Tapinanthus dodoneifolius. Journal of Natural Products, 2007, 70, 2006-2009.	1.5	28
57	Benzo(c)quinolizinium drugs inhibit degradation of Î”F508-CFTR cytoplasmic domain. Biochemical and Biophysical Research Communications, 2003, 300, 524-530.	1.0	26
58	On the Discovery and Development of CFTR Chloride Channel Activators. Current Pharmaceutical Design, 2006, 12, 471-484.	0.9	26
59	N- and C-alkylation of seven-membered iminosugars generates potent glucocerebrosidase inhibitors and F508del-CFTR correctors. Organic and Biomolecular Chemistry, 2014, 12, 8977-8996.	1.5	26
60	Roscovitine is a proteostasis regulator that corrects the trafficking defect of <scp>F</scp>508delâ€<scp>CFTR</scp> by a <scp>CDK</scp>â€independent mechanism. British Journal of Pharmacology, 2014, 171, 4831-4849.	2.7	26
61	Phosphorylation-regulated low-conductance Cl? channels in a human pancreatic duct cell line. Pflugers Archiv European Journal of Physiology, 1993, 425, 1-8.	1.3	25
62	Characterization of cAMP dependent CFTR-chloride channels in human trache gland cells. FEBS Letters, 1993, 321, 73-78.	1.3	25
63	Saturated Fatty Acids Alter the Late Secretory Pathway by Modulating Membrane Properties. Traffic, 2013, 14, 1228-1241.	1.3	25
64	Endosomal SNARE proteins regulate CFTR activity and trafficking in epithelial cells. Experimental Cell Research, 2008, 314, 2199-2211.	1.2	24
65	Proteasome-Dependent Pharmacological Rescue of Cystic Fibrosis Transmembrane Conductance Regulator Revealed by Mutation of Glycine 622. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 89-99.	1.3	24
66	Transient receptor potential vanilloid 1 (TRPV1) channels in cultured rat Sertoli cells regulate an acid sensing chloride channel. Biochemical Pharmacology, 2008, 75, 476-483.	2.0	23
67	The rescue of F508del-CFTR by elexacaftor/tezacaftor/ivacaftor (Trikafta) in human airway epithelial cells is underestimated due to the presence of ivacaftor. European Respiratory Journal, 2022, 59, 2100671.	3.1	23
68	NHE-RF1 protein rescues Î”F508-CFTR function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1085-L1094.	1.3	22
69	Searching for Combinations of Small-Molecule Correctors to Restore F508delâ€“Cystic Fibrosis Transmembrane Conductance Regulator Function and Processing. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 624-634.	1.3	22
70	CFTR: Effect of ICL2 and ICL4 amino acids in close spatial proximity on the current properties of the channel. Journal of Cystic Fibrosis, 2013, 12, 737-745.	0.3	21
71	SERCA and PMCA pumps contribute to the deregulation of Ca2+ homeostasis in human CF epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 892-903.	1.9	21
72	Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Confers Glibenclamide Sensitivity to Outwardly Rectifying Chloride Channel (ORCC) in Hi-5 Insect Cells. Journal of Membrane Biology, 1999, 168, 229-239.	1.0	20

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73	Adenovirus 5â€“Fiber 35 Chimeric Vector Mediates Efficient Apical Correction of the Cystic Fibrosis Transmembrane Conductance Regulator Defect in Cystic Fibrosis Primary Airway Epithelia. Human Gene Therapy, 2010, 21, 251-269.	1.4	20
74	The human CFTR protein expressed in CHO cells activates an aquaporin 3 in a cAMP dependent pathway: study by Digital Holographic Microscopy. Journal of Cell Science, 2014, 127, 546-56.	1.2	20
75	Cellular Localization and Activity of Ad-Delivered GFP-CFTR in Airway Epithelial and Tracheal Cells. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 631-639.	1.4	19
76	CFTRmutation combinations producing frequent complex alleles with different clinical and functional outcomes. Human Mutation, 2012, 33, 1557-1565.	1.1	19
77	Bronchorelaxation of the human bronchi by CFTR activators. Pulmonary Pharmacology and Therapeutics, 2014, 27, 38-43.	1.1	19
78	The low PLC-Î´1 expression in cystic fibrosis bronchial epithelial cells induces upregulation of TRPV6 channel activity. Cell Calcium, 2015, 57, 38-48.	1.1	19
79	Synthetic deoxynojirimycin derivatives bearing a thiolated, fluorinated or unsaturated N-alkyl chain: identification of potent Î±-glucosidase and trehalase inhibitors as well as F508del-CFTR correctors. Organic and Biomolecular Chemistry, 2015, 13, 10734-10744.	1.5	19
80	Comparative Pharmacology of the Activity of Wild-type and G551D Mutated CFTR Chloride Channel: Effect of the Benzimidazolone Derivative NS004. Journal of Membrane Biology, 2003, 194, 109-117.	1.0	18
81	The hypotensive agent dodoneine inhibits L-type Ca2+ current with negative inotropic effect on rat heart. European Journal of Pharmacology, 2014, 728, 119-127.	1.7	18
82	Update on the cellular and molecular aspects of cystic fibrosis transmembrane conductance regulator (CFTR) and male fertility. Morphologie, 2019, 103, 4-10.	0.5	18
83	CFTR inhibition by glibenclamide requires a positive charge in cytoplasmic loop three. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2438-2446.	1.4	17
84	Rescue of Functional F508del Cystic Fibrosis Transmembrane Conductance Regulator by Vasoactive Intestinal Peptide in the Human Nasal Epithelial Cell Line JME/CF15. Journal of Pharmacology and Experimental Therapeutics, 2009, 331, 2-13.	1.3	17
85	Development of Automated Patch Clamp Technique to Investigate CFTR Chloride Channel Function. Frontiers in Pharmacology, 2017, 8, 195.	1.6	17
86	Discovery of Î±-Aminoazaheterocycle-Methylglyoxal Adducts as a New Class of High-Affinity Inhibitors of Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channels. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 1023-1035.	1.3	16
87	Involvement of CFTR in the pathogenesis of pulmonary arterial hypertension. European Respiratory Journal, 2021, 58, 2000653.	3.1	16
88	Guanabenz, an Î±2-selective adrenergic agonist, activates Ca2+-dependent chloride currents in cystic fibrosis human airway epithelial cells. European Journal of Pharmacology, 2008, 592, 33-40.	1.7	15
89	Stimulation of salivary secretion in vivo by CFTR potentiators in Cftr+/+ and Cftrâˆ’/âˆ’ mice. Journal of Cystic Fibrosis, 2008, 7, 128-133.	0.3	15
90	ANO1 contributes to Angiotensin-II-activated Ca2+-dependent Clâˆ’ current in human atrial fibroblasts. Journal of Molecular and Cellular Cardiology, 2014, 68, 12-19.	0.9	15

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91	The Pig: A Relevant Model for Evaluating the Neutrophil Serine Protease Activities during Acute Pseudomonas aeruginosa Lung Infection. PLoS ONE, 2016, 11, e0168577.	1.1	15
92	C Terminus of Nucleotide Binding Domain 1 Contains Critical Features for Cystic Fibrosis Transmembrane Conductance Regulator Trafficking and Activation. Journal of Biological Chemistry, 2010, 285, 22132-22140.	1.6	14
93	Effect of VX-770 (Ivacaftor) and OAG on Ca2+ influx and CFTR activity in G551D and F508del-CFTR expressing cells. Journal of Cystic Fibrosis, 2013, 12, 584-591.	0.3	14
94	Pharmacological profile of inhibition of the chloride channels activated by extracellular acid in cultured rat Sertoli cells. Reproduction, Nutrition, Development, 2006, 46, 241-255.	1.9	13
95	Function, pharmacological correction and maturation of new Indian CFTR gene mutations. Journal of Cystic Fibrosis, 2015, 14, 34-41.	0.3	13
96	Pushing the limits of catalytic Câ€“H amination in polyoxygenated cyclobutanes. Organic and Biomolecular Chemistry, 2016, 14, 2780-2796.	1.5	13
97	Focus on TRP channels in cystic fibrosis. Cell Calcium, 2019, 81, 29-37.	1.1	13
98	Chronic exposure to EGF affects trafficking and function of ENaC channel in cystic fibrosis cells. Biochemical and Biophysical Research Communications, 2005, 331, 503-511.	1.0	12
99	A functional tandem between transient receptor potential canonical channels 6 and calcium-dependent chloride channels in human epithelial cells. European Journal of Pharmacology, 2015, 765, 337-345.	1.7	12
100	Myelinosomes act as natural secretory organelles in Sertoli cells to prevent accumulation of aggregate-prone mutant Huntingtin and CFTR. Human Molecular Genetics, 2016, 25, 4170-4185.	1.4	12
101	Modulation of cellular membrane properties as a potential therapeutic strategy to counter lipointoxication in obstructive pulmonary diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3069-3084.	1.8	12
102	CFTR channels and adenosine triphosphate release: the impossible rendez-vous revisited in skeletal muscle. Journal of Physiology, 2010, 588, 4605-4606.	1.3	11
103	Calumenin contributes to ER-Ca2+ homeostasis in bronchial epithelial cells expressing WT and F508del mutated CFTR and to F508del-CFTR retention. Cell Calcium, 2017, 62, 47-59.	1.1	11
104	Involvement of the Cdc42 Pathway in CFTR Post-Translational Turnover and in Its Plasma Membrane Stability in Airway Epithelial Cells. PLoS ONE, 2015, 10, e0118943.	1.1	11
105	Inhibition of ATP-sensitive K+ channels by substituted benzo[c]quinolizinium CFTR activators. Biochemical Pharmacology, 2003, 66, 425-430.	2.0	10
106	General anesthetic octanol and related compounds activate wild-type and delF508 cystic fibrosis chloride channels. British Journal of Pharmacology, 2004, 141, 905-914.	2.7	10
107	The Glycine Residues G551 and G1349 within the ATP-Binding Cassette Signature Motifs Play Critical Roles in the Activation and Inhibition of Cystic Fibrosis Transmembrane Conductance Regulator Channels by Phloxine B. Journal of Membrane Biology, 2006, 208, 203-212.	1.0	10
108	From the vasodilator and hypotensive effects of an extract fraction from Agelanthus dodoneifolius (DC) Danser (Loranthaceae) to the active compound dodoneine. Journal of Ethnopharmacology, 2011, 133, 345-352.	2.0	10

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109	Vasorelaxation induced by dodoneine is mediated by calcium channels blockade and carbonic anhydrase inhibition on vascular smooth muscle cells. Journal of Ethnopharmacology, 2015, 169, 8-17.	2.0	10
110	Identification of a novel water-soluble activator of wild-type and F508del CFTR: GPact-11a. European Respiratory Journal, 2010, 36, 311-322.	3.1	9
111	Deficit of osteoprotegerin release by osteoblasts from a patient with cystic fibrosis. European Respiratory Journal, 2012, 39, 780-781.	3.1	9
112	Targeting different binding sites in the CFTR structures allows to synergistically potentiate channel activity. European Journal of Medicinal Chemistry, 2020, 190, 112116.	2.6	9
113	Genistein Modifies the Activation Kinetics and Magnitude of Phosphorylated Wild-Type and G551D-CFTR Chloride Currents. Journal of Membrane Biology, 2002, 188, 175-182.	1.0	8
114	Stimulation of wild-type, F508del- and G551D-CFTR chloride channels by non-toxic modified pyrrolo[2,3-b]pyrazine derivatives. Frontiers in Pharmacology, 2011, 2, 48.	1.6	7
115	Improvement of Chloride Transport Defect by Gonadotropin-Releasing Hormone (GnRH) in Cystic Fibrosis Epithelial Cells. PLoS ONE, 2014, 9, e88964.	1.1	7
116	Cystic Fibrosis Bronchial Epithelial Cells Are Lipointoxicated by Membrane Palmitate Accumulation. PLoS ONE, 2014, 9, e89044.	1.1	7
117	Short-term consequences of F508del-CFTR thermal instability on CFTR-dependent transepithelial currents in human airway epithelial cells. Scientific Reports, 2019, 9, 13729.	1.6	6
118	Quantitative phase imaging to study transmembrane water fluxes regulated by CFTR and AQP3 in living human airway epithelial CFBE cells and CHO cells. PLoS ONE, 2020, 15, e0233439.	1.1	6
119	Functional and Pharmacological Characterization of the Rare CFTR Mutation W361R. Frontiers in Pharmacology, 2020, 11, 295.	1.6	6
120	Pharmacological interventions for the correction of ion transport defect in cystic fibrosis. Expert Opinion on Therapeutic Patents, 2004, 14, 1465-1483.	2.4	5
121	Effects of CFTR gene silencing by siRNA or the luminal application of a CFTR activator on fluid secretion from guinea-pig pancreatic duct cells. Biochemical and Biophysical Research Communications, 2011, 410, 904-909.	1.0	5
122	An expeditious access to 5-pyrimidinol derivatives from cyclic methylglyoxal diadducts, formation of argpyrimidines under physiological conditions and discovery of new CFTR inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 1935-1941.	2.6	5
123	Targeting surface voids to counter membrane disorders in lipointoxication-related diseases. Journal of Cell Science, 2016, 129, 2368-81.	1.2	5
124	Transalpinecine and Analogues: First Total Synthesis, Stereochemical Revision and Biological Evaluation. European Journal of Organic Chemistry, 2019, 2019, 1830-1834.	1.2	4
125	Myelinosome Organelles in the Retina of R6/1 Huntington Disease (HD) Mice: Ubiquitous Distribution and Possible Role in Disease Spreading. International Journal of Molecular Sciences, 2021, 22, 12771.	1.8	4
126	Orphan Missense Mutations in the Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Molecular Diagnostics, 2011, 13, 520-527.	1.2	3

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127	A new 9-alkyladenine-cyclic methylglyoxal diadduct activates wt- and F508del-cystic fibrosis transmembrane conductance regulator (CFTR) in vitro and in vivo. European Journal of Medicinal Chemistry, 2014, 83, 455-465.	2.6	3
128	Modulating the cystic fibrosis transmembrane regulator and the development of new precision drugs. Expert Review of Precision Medicine and Drug Development, 2018, 3, 357-370.	0.4	3
129	Engineered fluidic device to achieve multiplexed monitoring of cell cultures with digital holographic microscopy. Optics Express, 2022, 30, 414.	1.7	2
130	Strategies to circumvent the CFTR defect in cystic fibrosis. Frontiers in Pharmacology, 2013, 4, 108.	1.6	1
131	Predicting CFTR activity with front-runner cystic fibrosis drugs. EBioMedicine, 2015, 2, 100-101.	2.7	1
132	Phospholipase C controls chloride-dependent short-circuit current in human bronchial epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L205-L219.	1.3	1
133	Les canaux chlorure, ou comment un poisson Ã©lectrique Ã©claire la pathologie humaine.. Medecine/Sciences, 1999, 15, 1003.	0.0	1
134	Angiotensin Ii Activates Calcium-Dependent Cl- Channels In Human Cardiac Fibroblasts. Biophysical Journal, 2009, 96, 475a.	0.2	0
135	Understanding nucleotide binding and CFTR ion channel gating: how many cycles?. Expert Review of Respiratory Medicine, 2010, 4, 451-454.	1.0	0
136	In cellulo analyses of the p.Val322Ala mutation on the CFTR protein conformation and activity. Comptes Rendus - Biologies, 2017, 340, 367-371.	0.1	0
137	CFTR involvement in the pathogenesis of pulmonary arterial hypertension. , 2020, , .		0