

# Michael Pusch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6532499/publications.pdf>

Version: 2024-02-01

131  
papers

9,689  
citations

44069

48  
h-index

38395

95  
g-index

133  
all docs

133  
docs citations

133  
times ranked

6097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Galactose induced early aging in human erythrocytes: Role of band 3 protein. <i>Journal of Cellular Physiology</i> , 2022, 237, 1586-1596.	4.1	22
2	The VRAC blocker DCPIB directly gates the BK channels and increases intracellular $Ca^{2+}$ in melanoma and pancreatic duct adenocarcinoma cell lines. <i>British Journal of Pharmacology</i> , 2022, 179, 3452-3469.	5.4	17
3	Ion Channel Involvement in Tumor Drug Resistance. <i>Journal of Personalized Medicine</i> , 2022, 12, 210.	2.5	13
4	Altered voltage dependence of slowly activating chloride-proton antiport by late endosomal $Cl^{-}$ explains distinct neurological disorders. <i>Journal of Physiology</i> , 2022, 600, 2147-2164.	2.9	8
5	Gain of function due to increased opening probability by two <i>KCNQ5</i> pore variants causing developmental and epileptic encephalopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2116887119.	7.1	14
6	Is Neuronal Fatigue the Cause of Migraine?. <i>Brain Sciences</i> , 2022, 12, 673.	2.3	0
7	Mechanisms of Activation of LRRC8 Volume Regulated Anion Channels. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 41-56.	1.6	25
8	Functional and Structural Characterization of $Cl^{-}$ and Nav1.4 Channels Resulting from <i>CLCN1</i> and <i>SCN4A</i> Mutations Identified Alone and Coexisting in Myotonic Patients. <i>Cells</i> , 2021, 10, 374.	4.1	2
9	A User-Friendly Computational Tool for Markov Modelling Channel Gating and Transport Cycling. <i>Biophysical Journal</i> , 2021, 120, 90a.	0.5	1
10	The Joy of Markov Models—Channel Gating and Transport Cycling Made Easy. <i>The Biophysicist</i> , 2021, 2, 70-107.	0.3	3
11	Unique variants in <i>CLCN3</i> , encoding an endosomal anion/proton exchanger, underlie a spectrum of neurodevelopmental disorders. <i>American Journal of Human Genetics</i> , 2021, 108, 1450-1465.	6.2	16
12	Arginine-selective modulation of the lysosomal transporter PQLC2 through a gate-tuning mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
13	TRPM2 Oxidation Activates Two Distinct Potassium Channels in Melanoma Cells through Intracellular Calcium Increase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8359.	4.1	31
14	Hyperexcitable interneurons trigger cortical spreading depression in an <i>Scn1a</i> migraine model. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
15	Large transient capacitive currents in wild-type lysosomal $Cl^{-}/H^{+}$ antiporter <i>ClC-7</i> and residual transport activity in the proton glutamate mutant E312A. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	11
16	NS-11021 Modulates Cancer-Associated Processes Independently of BK Channels in Melanoma and Pancreatic Duct Adenocarcinoma Cell Lines. <i>Cancers</i> , 2021, 13, 6144.	3.7	13
17	Role of PKC in the Regulation of the Human Kidney Chloride Channel <i>ClC-Ka</i> . <i>Scientific Reports</i> , 2020, 10, 10268.	3.3	3
18	Efficient generation of osteoclasts from human induced pluripotent stem cells and functional investigations of lethal <i>CLCN7</i> -related osteopetrosis. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1621-1635.	2.8	25

#	ARTICLE	IF	CITATIONS
19	Gain of function of sporadic/familial hemiplegic migraine-causing SCN1A mutations: Use of an optimized cDNA. <i>Cephalalgia</i> , 2019, 39, 477-488.	3.9	24
20	Structure of the human CLC-1 chloride channel. <i>PLoS Biology</i> , 2019, 17, e3000218.	5.6	66
21	An Up-to-Date Overview of the Complexity of Genotype-Phenotype Relationships in Myotonic Channelopathies. <i>Frontiers in Neurology</i> , 2019, 10, 1404.	2.4	27
22	CLC Channels and Transporters. , 2019, , 1-8.		0
23	CLC Chloride Channels and Transporters: Structure, Function, Physiology, and Disease. <i>Physiological Reviews</i> , 2018, 98, 1493-1590.	28.8	308
24	Expression of LRRC8/VRAC Currents in <i>Xenopus</i> Oocytes: Advantages and Caveats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 719.	4.1	12
25	Cisplatin activates volume sensitive LRRC8 channel mediated currents in <i>Xenopus</i> oocytes. <i>Channels</i> , 2017, 11, 254-260.	2.8	17
26	The human two-pore channel 1 is modulated by cytosolic and luminal calcium. <i>Scientific Reports</i> , 2017, 7, 43900.	3.3	50
27	Subunit-dependent oxidative stress sensitivity of LRRC8 volume-regulated anion channels. <i>Journal of Physiology</i> , 2017, 595, 6719-6733.	2.9	46
28	Kidney CLC-K chloride channels inhibitors. <i>Journal of Hypertension</i> , 2016, 34, 981-992.	0.5	22
29	KCNE1 induces fenestration in the Kv7.1/KCNE1 channel complex that allows for highly specific pharmacological targeting. <i>Nature Communications</i> , 2016, 7, 12795.	12.8	21
30	Investigation of LRRC8-Mediated Volume-Regulated Anion Currents in <i>Xenopus</i> Oocytes. <i>Biophysical Journal</i> , 2016, 111, 1429-1443.	0.5	94
31	Identification and Functional Characterization of <i>CLCN1</i> Mutations Found in Nondystrophic Myotonia Patients. <i>Human Mutation</i> , 2016, 37, 74-83.	2.5	23
32	The biophysics of piezo1 and piezo2 mechanosensitive channels. <i>Biophysical Chemistry</i> , 2016, 208, 26-33.	2.8	21
33	Structural determinants of interaction, trafficking and function in the CLC2/MLC1 subunit GlialCAM involved in leukodystrophy. <i>Journal of Physiology</i> , 2015, 593, 4165-4180.	2.9	19
34	Regulatory auxiliary subunits of CLC chloride channel transport proteins. <i>Journal of Physiology</i> , 2015, 593, 4111-4127.	2.9	17
35	Biophysical properties of acid-sensing ion channels (ASICs). <i>Neuropharmacology</i> , 2015, 94, 9-18.	4.1	170
36	CLC-5: Physiological role and biophysical mechanisms. <i>Cell Calcium</i> , 2015, 58, 57-66.	2.4	22

#	ARTICLE	IF	CITATIONS
37	GlialCAM, a CLC-2 Cl <sup>-</sup> Channel Subunit, Activates the Slow Gate of CLC Chloride Channels. <i>Biophysical Journal</i> , 2014, 107, 1105-1116.	0.5	32
38	Functional Analyses of Mutations in <i>HEPACAM</i> Causing Megalencephalic Leukoencephalopathy. <i>Human Mutation</i> , 2014, 35, 1175-1178.	2.5	16
39	Structural basis of PI(4,5)P <sub>2</sub> -dependent regulation of GluA1 by phosphatidylinositol-5-phosphate 4-kinase, type II, alpha (PIP5K2A). <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 1885-1897.	2.8	15
40	Expanding the spectrum of megalencephalic leukoencephalopathy with subcortical cysts in two patients with <i>GLIALCAM</i> mutations. <i>Neurogenetics</i> , 2014, 15, 41-48.	1.4	22
41	Thermal Sensitivity of CLC and <i>MEM16</i> Chloride Channels and Transporters. <i>Current Topics in Membranes</i> , 2014, 74, 213-231.	0.9	2
42	E1 loop involvement in the pharmacological profile of CLC-K channels expressed in <i>Xenopus</i> oocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2745-2756.	2.6	15
43	Targeting kidney CLC-K channels: Pharmacological profile in a human cell line versus <i>Xenopus</i> oocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2484-2491.	2.6	32
44	Alkaline pH Block of CLC-K Kidney Chloride Channels Mediated by a Pore Lysine Residue. <i>Biophysical Journal</i> , 2013, 105, 80-90.	0.5	18
45	A single point mutation reveals gating of the human Cl <sup>-</sup> /H <sup>+</sup> antiporter. <i>Journal of Physiology</i> , 2013, 591, 5879-5893.	2.9	23
46	An optical assay of the transport activity of CLC-7. <i>Scientific Reports</i> , 2013, 3, 1231.	3.3	8
47	CLC Channels and Transporters. , 2013, , 320-326.		0
48	Dissecting a regulatory calcium-binding site of CLC-K kidney chloride channels. <i>Journal of General Physiology</i> , 2012, 140, 681-696.	1.9	22
49	A Kick-Start for CLC Antiporters™ Pharmacology. <i>Chemistry and Biology</i> , 2012, 19, 1358-1359.	6.0	2
50	GlialCAM, a Protein Defective in a Leukodystrophy, Serves as a CLC-2 Cl <sup>-</sup> Channel Auxiliary Subunit. <i>Neuron</i> , 2012, 73, 951-961.	8.1	118
51	Mechanism of proton/substrate coupling in the heptahelical lysosomal transporter cystinosin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E210-7.	7.1	40
52	The <i>Arabidopsis</i> central vacuole as an expression system for intracellular transporters: functional characterization of the Cl <sup>-</sup> /H <sup>+</sup> exchanger CLC <sup>7</sup> . <i>Journal of Physiology</i> , 2012, 590, 3421-3430.	2.9	34
53	On the Mechanism of Gating Charge Movement of CLC-5, a Human Cl <sup>-</sup> /H <sup>+</sup> Antiporter. <i>Biophysical Journal</i> , 2012, 102, 2060-2069.	0.5	32
54	Structural Basis of Slow Activation Gating in the Cardiac <i>Ks</i> Channel Complex. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 443-452.	1.6	70

#	ARTICLE	IF	CITATIONS
55	Extracellular Determinants of Anion Discrimination of the Cl <sup>-</sup> /H <sup>+</sup> Antiporter Protein CLC-5. Journal of Biological Chemistry, 2011, 286, 44134-44144.	3.4	12
56	The role of protons in fast and slow gating of the Torpedo chloride channel CLC-0. European Biophysics Journal, 2010, 39, 869-875.	2.2	20
57	Molecular and clinical heterogeneity in CLCN7-dependent osteopetrosis: report of 20 novel mutations. Human Mutation, 2010, 31, E1071-E1080.	2.5	77
58	Identification of sites responsible for the potentiating effect of niflumic acid on CLC-Ka kidney chloride channels. British Journal of Pharmacology, 2010, 160, 1652-1661.	5.4	22
59	Molecular Pharmacology of Kidney and Inner Ear CLC-K Chloride Channels. Frontiers in Pharmacology, 2010, 1, 130.	3.5	20
60	A regulatory calcium-binding site at the subunit interface of CLC-K kidney chloride channels. Journal of General Physiology, 2010, 136, 311-323.	1.9	37
61	Relaxing messages from the sarcolemma. Journal of General Physiology, 2010, 136, 593-596.	1.9	10
62	It's the proton also in CLC-2. Journal of Physiology, 2009, 587, 1379-1380.	2.9	0
63	Conversion of the 2 Cl <sup>-</sup> /1 H <sup>+</sup> antiporter CLC-5 in a NO <sub>3</sub> <sup>-</sup> /H <sup>+</sup> antiporter by a single point mutation. EMBO Journal, 2009, 28, 175-182.	7.8	116
64	Intracellular regulation of human CLC-5 by adenine nucleotides. EMBO Reports, 2009, 10, 1111-1116.	4.5	45
65	CLC chloride channels and chloride/proton antiporters. , 2009, , 172-182.		1
66	Buffered Diffusion around a Spherical Proton Pumping Cell: A Theoretical Analysis. Biophysical Journal, 2008, 94, 53-62.	0.5	9
67	Divergent sodium channel defects in familial hemiplegic migraine. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9799-9804.	7.1	97
68	Determinants of Anion-Proton Coupling in Mammalian Endosomal CLC Proteins. Journal of Biological Chemistry, 2008, 283, 4219-4227.	3.4	118
69	The Muscle Chloride Channel CLC-1 Is Not Directly Regulated by Intracellular ATP. Journal of General Physiology, 2008, 131, 109-116.	1.9	26
70	Molecular switch for CLC-K Cl <sup>-</sup> channel block/activation: Optimal pharmacophoric requirements towards high-affinity ligands. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1369-1373.	7.1	64
71	Intracellular Proton Regulation of CLC-0. Journal of General Physiology, 2008, 132, 185-198.	1.9	36
72	Myotonia-related mutations in the distal C-terminus of CLC-1 and CLC-0 chloride channels affect the structure of a poly-proline helix. Biochemical Journal, 2007, 403, 79-87.	3.7	23

#	ARTICLE	IF	CITATIONS
73	The novel p.L1649Q mutation in the SCN1A epilepsy gene is associated with familial hemiplegic migraine: genetic and functional studies. <i>Human Mutation</i> , 2007, 28, 522-522.	2.5	89
74	Mechanism of Interaction of Niflumic Acid with Heterologously Expressed Kidney CLC-K Chloride Channels. <i>Journal of Membrane Biology</i> , 2007, 216, 73-82.	2.1	23
75	Chloride Transporting CLC Proteins 1. <i>Biological and Medical Physics Series</i> , 2007, , 301-333.	0.4	2
76	Chloride Transporting Proteins in Mammalian Organisms: An Overview. <i>Advances in Molecular and Cell Biology</i> , 2006, 38, 1-7.	0.1	0
77	Strong modulation by RFamide neuropeptides of the ASIC1b/3 heteromer in competition with extracellular calcium. <i>Neuropharmacology</i> , 2006, 50, 964-974.	4.1	48
78	Analysis of Electrophysiological Data. , 2006, , 111-144.		3
79	Pharmacology of CLC Chloride Channels and Transporters. <i>Advances in Molecular and Cell Biology</i> , 2006, , 83-107.	0.1	1
80	Channel or transporter? The CLC saga continues. <i>Experimental Physiology</i> , 2006, 91, 149-152.	2.0	33
81	Proton Sensing of CLC-0 Mutant E166D. <i>Journal of General Physiology</i> , 2006, 127, 51-66.	1.9	54
82	Activation and Inhibition of Kidney CLC-K Chloride Channels by Fenamates. <i>Molecular Pharmacology</i> , 2006, 69, 165-173.	2.3	55
83	Chloride/proton antiporter activity of mammalian CLC proteins CLC-4 and CLC-5. <i>Nature</i> , 2005, 436, 420-423.	27.8	441
84	Molecular Determinants of KCNQ (K <sub>v</sub> 7) K <sup>+</sup> Channel Sensitivity to the Anticonvulsant Retigabine. <i>Journal of Neuroscience</i> , 2005, 25, 5051-5060.	3.6	235
85	Mutation in the neuronal voltage-gated sodium channel SCN1A in familial hemiplegic migraine. <i>Lancet</i> , The, 2005, 366, 371-377.	13.7	760
86	Unique Structure and Function of Chloride Transporting CLC Proteins. <i>IEEE Transactions on Nanobioscience</i> , 2005, 4, 49-57.	3.3	18
87	Cl <sup>-</sup> CHANNELS: A Journey from Ca <sup>2+</sup> Sensors to ATPases and Secondary Active Ion Transporters. <i>Annual Review of Physiology</i> , 2005, 67, .	13.1	0
88	Ca <sup>2+</sup> -activated Chloride Channels Go Molecular. <i>Journal of General Physiology</i> , 2004, 123, 323-325.	1.9	34
89	Identification of the Ca <sup>2+</sup> Blocking Site of Acid-sensing Ion Channel (ASIC) 1. <i>Journal of General Physiology</i> , 2004, 124, 383-394.	1.9	122
90	Localization and functional analyses of the MLC1 protein involved in megalencephalic leukoencephalopathy with subcortical cysts. <i>Human Molecular Genetics</i> , 2004, 13, 2581-2594.	2.9	86

#	ARTICLE	IF	CITATIONS
91	Investigations of Pharmacologic Properties of the Renal CLC-K1 Chloride Channel Co-expressed with Barttin by the Use of 2-(p-Chlorophenoxy)Propionic Acid Derivatives and Other Structurally Unrelated Chloride Channels Blockers. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 13-20.	6.1	48
92	Molecular determinants of differential pore blocking of kidney CLC-K chloride channels. <i>EMBO Reports</i> , 2004, 5, 584-589.	4.5	68
93	Functional and structural conservation of CBS domains from CLC chloride channels. <i>Journal of Physiology</i> , 2004, 557, 363-378.	2.9	131
94	Taurine and Skeletal Muscle Disorders. <i>Neurochemical Research</i> , 2004, 29, 135-142.	3.3	67
95	Structural Insights into Chloride and Proton-Mediated Gating of CLC Chloride Channels. <i>Biochemistry</i> , 2004, 43, 1135-1144.	2.5	45
96	A Two-Holed Story: Structural Secrets About CIC Proteins Become Unraveled?. <i>Physiology</i> , 2004, 19, 293-299.	3.1	9
97	Structural requisites of 2-(p-chlorophenoxy)propionic acid analogues for activity on native rat skeletal muscle chloride conductance and on heterologously expressed CLC-1. <i>British Journal of Pharmacology</i> , 2003, 139, 1255-1264.	5.4	22
98	Molecular Modeling of p-Chlorophenoxyacetic Acid Binding to the CLC-0 Channel. <i>Biochemistry</i> , 2003, 42, 5176-5185.	2.5	17
99	Conservation of Chloride Channel Structure Revealed by an Inhibitor Binding Site in CLC-1. <i>Neuron</i> , 2003, 38, 47-59.	8.1	161
100	Gating Competence of Constitutively Open CLC-0 Mutants Revealed by the Interaction with a Small Organic Inhibitor. <i>Journal of General Physiology</i> , 2003, 122, 295-306.	1.9	67
101	Pharmacological Activation of Normal and Arrhythmia-Associated Mutant KCNQ1 Potassium Channels. <i>Circulation Research</i> , 2003, 93, 941-947.	4.5	87
102	Conformational Changes in the Pore of CLC-0. <i>Journal of General Physiology</i> , 2003, 122, 277-294.	1.9	82
103	Tight coupling of rubidium conductance and inactivation in human KCNQ1 potassium channels. <i>Journal of Physiology</i> , 2003, 552, 369-378.	2.9	55
104	Molecular Requisites for Drug Binding to Muscle CLC-1 and Renal CLC-K Channel Revealed by the Use of Phenoxy-Alkyl Derivatives of 2-(p-Chlorophenoxy)Propionic Acid. <i>Molecular Pharmacology</i> , 2002, 62, 265-271.	2.3	51
105	Mechanisms of block of muscle type CLC chloride channels (Review). <i>Molecular Membrane Biology</i> , 2002, 19, 285-292.	2.0	36
106	Myotonia caused by mutations in the muscle chloride channel gene CLCN1. <i>Human Mutation</i> , 2002, 19, 423-434.	2.5	207
107	Drastic reduction of the slow gate of human muscle chloride channel (CLC-1) by mutation C277S. <i>Journal of Physiology</i> , 2001, 534, 745-752.	2.9	45
108	Two open states and rate-limiting gating steps revealed by intracellular Na <sup>+</sup> block of human KCNQ1 and KCNQ1/KCNE1 K <sup>+</sup> channels. <i>Journal of Physiology</i> , 2001, 533, 135-144.	2.9	22

#	ARTICLE	IF	CITATIONS
109	Interaction of hydrophobic anions with the rat skeletal muscle chloride channel ClC-1: effects on permeation and gating. <i>Journal of Physiology</i> , 2001, 530, 379-393.	2.9	36
110	Mechanism of Block of Single Protopenes of the Torpedo Chloride Channel Clc-0 by 2-(p-Chlorophenoxybutyric) Acid (Cpb). <i>Journal of General Physiology</i> , 2001, 118, 45-62.	1.9	36
111	Surface Expression and Single Channel Properties of KCNQ2/KCNQ3, M-type K <sup>+</sup> Channels Involved in Epilepsy. <i>Journal of Biological Chemistry</i> , 2000, 275, 13343-13348.	3.4	154
112	Pharmacological Characterization of Chloride Channels Belonging to the ClC Family by the Use of Chiral Clofibric Acid Derivatives. <i>Molecular Pharmacology</i> , 2000, 58, 498-507.	2.3	62
113	Gating and Flickery Block Differentially Affected by Rubidium in Homomeric KCNQ1 and Heteromeric KCNQ1/KCNE1 Potassium Channels. <i>Biophysical Journal</i> , 2000, 78, 211-226.	0.5	52
114	Fast and Slow Gating Relaxations in the Muscle Chloride Channel Clc-1. <i>Journal of General Physiology</i> , 2000, 116, 433-444.	1.9	101
115	The Muscle Chloride Channel ClC-1 Has a Double-Barreled Appearance that Is Differentially Affected in Dominant and Recessive Myotonia. <i>Journal of General Physiology</i> , 1999, 113, 457-468.	1.9	182
116	ClC Chloride Channels in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 34238-34244.	3.4	55
117	Chloride dependence of hyperpolarization-activated chloride channel gates. <i>Journal of Physiology</i> , 1999, 515, 341-353.	2.9	110
118	Activation and Inactivation of Homomeric KvLQT1 Potassium Channels. <i>Biophysical Journal</i> , 1998, 75, 785-792.	0.5	94
119	Temperature Dependence of Fast and Slow Gating Relaxations of ClC-0 Chloride Channels. <i>Journal of General Physiology</i> , 1997, 109, 105-116.	1.9	122
120	Inward Rectification in ClC-0 Chloride Channels Caused by Mutations in Several Protein Regions. <i>Journal of General Physiology</i> , 1997, 110, 165-171.	1.9	54
121	Two physically distinct pores in the dimeric ClC-0 chloride channel. <i>Nature</i> , 1996, 383, 340-343.	27.8	279
122	Gating of the voltage-dependent chloride channel ClC-0 by the permeant anion. <i>Nature</i> , 1995, 373, 527-531.	27.8	355
123	Mutations in dominant human myotonia congenita drastically alter the voltage dependence of the ClC-1 chloride channel. <i>Neuron</i> , 1995, 15, 1455-1463.	8.1	183
124	The ClC Family of Voltage-Gated Chloride Channels: Structure and Function. <i>Annals of the New York Academy of Sciences</i> , 1993, 707, 285-293.	3.8	17
125	A chloride channel widely expressed in epithelial and non-epithelial cells. <i>Nature</i> , 1992, 356, 57-60.	27.8	560
126	Regions involved in the opening of ClC-2 chloride channel by voltage and cell volume. <i>Nature</i> , 1992, 360, 759-762.	27.8	410



#	ARTICLE	IF	CITATIONS
127	Mapping the site of block by tetrodotoxin and saxitoxin of sodium channel II. FEBS Letters, 1991, 293, 93-96.	2.8	434
128	Rates of diffusional exchange between small cells and a measuring patch pipette. Pflugers Archiv European Journal of Physiology, 1988, 411, 204-211.	2.8	666
129	Washout phenomena in dialyzed mast cells allow discrimination of different steps in stimulus-secretion coupling. Bioscience Reports, 1987, 7, 313-321.	2.4	59
130	TMEM16 Ca <sup>2+</sup> Activated Cl <sup>-</sup> Channels and CLC Chloride Channels and Transporters. , 0, , 696-736.		2
131	BK Channel in the Physiology and in the Cancer of Pancreatic Duct: Impact and Reliability of BK Openers. Frontiers in Pharmacology, 0, 13, .	3.5	4