Min Goo Lee

List of Publications by Year
in descending order

189 papers	9,825 citations	34100 52 h-index	43886 91 g-index
191 all docs	191 docs citations	191 times ranked	12986 citing authors

#	Article	IF	Citations
1	Differential genetic diagnoses of adult post-lingual hearing loss according to the audiogram pattern and novel candidate gene evaluation. Human Genetics, 2022, 141, 915-927.	3.8	9
2	TMED3 Complex Mediates ER Stressâ€Associated Secretion of CFTR, Pendrin, and SARSâ€CoVâ€2 Spike. Advanced Science, 2022, 9, .	11.2	10
3	Amelioration of SARS-CoV-2 infection by ANO6 phospholipid scramblase inhibition. Cell Reports, 2022, 40, 111117.	6.4	10
4	Secretory autophagy machinery and vesicular trafficking are involved in HMGB1 secretion. Autophagy, 2021, 17, 2345-2362.	9.1	62
5	Unraveling the Genomic Architecture of the CYP3A Locus and ADME Genes for Personalized Tacrolimus Dosing. Transplantation, 2021, 105, 2213-2225.	1.0	6
6	Plasma Membrane Localized GCaMP-MS4A12 by Orai1 Co-Expression Shows Thapsigargin- and Ca2+-Dependent Fluorescence Increases. Molecules and Cells, 2021, 44, 223-232.	2.6	0
7	Molecular Characterization of Biliary Tract Cancer Predicts Chemotherapy and Programmed Death 1/Programmed Deathâ€Ligand 1 Blockade Responses. Hepatology, 2021, 74, 1914-1931.	7.3	48
8	Regeneration of infarcted mouse hearts by cardiovascular tissue formed via the direct reprogramming of mouse fibroblasts. Nature Biomedical Engineering, 2021, 5, 880-896.	22.5	18
9	A pilot study to investigate the utility of NAT2 genotype-guided isoniazid monotherapy regimens in NAT2 slow acetylators. Pharmacogenetics and Genomics, 2021, 31, 68-73.	1.5	10
10	Regulation of CFTR Bicarbonate Channel Activity by WNK1: Implications for Pancreatitis and CFTR-Related Disorders. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 79-103.	4.5	27
11	DNAJC14 Ameliorates Inner Ear Degeneration in the DFNB4 Mouse Model. Molecular Therapy - Methods and Clinical Development, 2020, 17, 188-197.	4.1	5
12	Molecular Diagnosis of Craniosynostosis Using Targeted Next-Generation Sequencing. Neurosurgery, 2020, 87, 294-302.	1.1	20
13	Isoproterenol-induced hypertrophy of neonatal cardiac myocytes and H9c2 cell is dependent on TRPC3-regulated CaV1.2 expression. Cell Calcium, 2020, 92, 102305.	2.4	8
14	ADCK4 Deficiency Destabilizes the Coenzyme Q Complex, Which Is Rescued by 2,4-Dihydroxybenzoic Acid Treatment. Journal of the American Society of Nephrology: JASN, 2020, 31, 1191-1211.	6.1	38
15	Grasp55â^'/â^' mice display impaired fat absorption and resistance to high-fat diet-induced obesity. Nature Communications, 2020, 11, 1418.	12.8	13
16	Digenic inheritance of mutations in EPHA2 and SLC26A4 in Pendred syndrome. Nature Communications, 2020, 11, 1343.	12.8	22
17	Distinct Mechanisms of Over-Representation of Landmarks and Rewards in the Hippocampus. Cell Reports, 2020, 32, 107864.	6.4	45
18	Bicarbonate permeation through anion channels: its role in health and disease. Pflugers Archiv European Journal of Physiology, 2020, 472, 1003-1018.	2.8	8

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19	IRE1Î± kinaseâ€“mediated unconventional protein secretion rescues misfolded CFTR and pendrin. Science Advances, 2020, 6, eaax9914.	10.3	12
20	Anoctamin 1/TMEM16A controls intestinal Clâ¯ secretion induced by carbachol and cholera toxin. Experimental and Molecular Medicine, 2019, 51, 1-14.	7.7	13
21	Rare KCNQ4 variants found in public databases underlie impaired channel activity that may contribute to hearing impairment. Experimental and Molecular Medicine, 2019, 51, 1-12.	7.7	16
22	Temperature-dependent increase in the calcium sensitivity and acceleration of activation of ANO6 chloride channel variants. Scientific Reports, 2019, 9, 6706.	3.3	11
23	Systematic evaluation of gene variants linked to hearing loss based on allele frequency threshold and filtering allele frequency. Scientific Reports, 2019, 9, 4583.	3.3	13
24	Functional Characterization of Pharmcogenetic Variants of Human Cytochrome P450 2C9 in Korean Populations. Biomolecules and Therapeutics, 2019, 27, 577-583.	2.4	4
25	Vesicular Pathways for Unconventional Secretion of Transmembrane Proteins. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, JKP-03.	0.0	0
26	NPP1 is responsible for potent extracellular ATP hydrolysis as NTPDase1 in primary cultured murine microglia. Purinergic Signalling, 2018, 14, 157-166.	2.2	8
27	Overexpression of WNK1 in POMC-expressing neurons reduces weigh gain via WNK4-mediated degradation of Kir6.2. Molecular and Cellular Biochemistry, 2018, 447, 165-174.	3.1	1
28	Neopepsee: accurate genome-level prediction of neoantigens by harnessing sequence and amino acid immunogenicity information. Annals of Oncology, 2018, 29, 1030-1036.	1.2	126
29	Survival of Cancer Stem-Like Cells Under Metabolic Stress via CaMK2Î±-mediated Upregulation of Sarco/Endoplasmic Reticulum Calcium ATPase Expression. Clinical Cancer Research, 2018, 24, 1677-1690.	7.0	29
30	Targeting mutant KRAS with CRISPR-Cas9 controls tumor growth. Genome Research, 2018, 28, 374-382.	5.5	59
31	Unconventional secretion of transmembrane proteins. Seminars in Cell and Developmental Biology, 2018, 83, 59-66.	5.0	47
32	A recurrent mutation in KCNQ4 in Korean families with nonsyndromic hearing loss and rescue of the channel activity by KCNQ activators. Human Mutation, 2018, 40, 335-346.	2.5	13
33	Unconventional protein secretion â€“ new insights into the pathogenesis and therapeutic targets of human diseases. Journal of Cell Science, 2018, 131, .	2.0	81
34	Specific autophagy and ESCRT components participate in the unconventional secretion of CFTR. Autophagy, 2018, 14, 1761-1778.	9.1	46
35	ZMYND10 stabilizes intermediate chain proteins in the cytoplasmic pre-assembly of dynein arms. PLoS Genetics, 2018, 14, e1007316.	3.5	37
36	Unconventional Secretion of Transmembrane Protein. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, CL-32.	0.0	0

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37	IRE1Î± is an essential regulator for unconventional secretion of CFTR via its kinase activity. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-5-7.	0.0	0
38	Targeted next-generation sequencing to identify genetic polymorphism associated with levetiracetam-induced psychosis. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR11-2.	0.0	0
39	Sec16A is critical for both conventional and unconventional secretion of CFTR. Scientific Reports, 2017, 7, 39887.	3.3	30
40	A coding variant inFTOconfers susceptibility to thiopurine-induced leukopenia in East Asian patients with IBD. Gut, 2017, 66, 1926-1935.	12.1	29
41	Chronological Change of Right Ventricle by Chronic Intermittent Hypoxia in Mice. Sleep, 2017, 40, .	1.1	7
42	Comparison of clinical outcomes between wavefront-optimized versus corneal wavefront-guided transepithelial photorefractive keratectomy for myopic astigmatism. Journal of Cataract and Refractive Surgery, 2017, 43, 174-182.	1.5	24
43	ANO9/TMEM16J promotes tumourigenesis via EGFR and is a novel therapeutic target for pancreatic cancer. British Journal of Cancer, 2017, 117, 1798-1809.	6.4	35
44	Adult-Onset Vitelliform Macular Dystrophy caused by BEST1 p.Ile38Ser Mutation is a Mild Form of Best Vitelliform Macular Dystrophy. Scientific Reports, 2017, 7, 9146.	3.3	20
45	Sustained Mutant KIT Activation in the Golgi Complex Is Mediated by PKC-Î¸ in Gastrointestinal Stromal Tumors. Clinical Cancer Research, 2017, 23, 845-856.	7.0	12
46	Enhancing inhibitory synaptic function reverses spatial memory deficits in Shank2 mutant mice. Neuropharmacology, 2017, 112, 104-112.	4.1	56
47	Targeted Nextâ€Generation Sequencing for Comprehensive Genetic Profiling of Pharmacogenes. Clinical Pharmacology and Therapeutics, 2017, 101, 396-405.	4.7	54
48	UDP-Induced Phagocytosis and ATP-Stimulated Chemotactic Migration Are Impaired inSTIM1^{â^’â^’}Microglia In Vitro and In Vivo. Mediators of Inflammation, 2017, 2017, 1-13.	3.0	20
49	Hippocampus-Dependent Goal Localization by Head-Fixed Mice in Virtual Reality. ENeuro, 2017, 4, ENEURO.0369-16.2017.	1.9	35
50	Next-generation sequencing reveals somatic mutations that confer exceptional response to everolimus. Oncotarget, 2016, 7, 10547-10556.	1.8	52
51	Clinical and Pathological Heterogeneity of Korean Patients with CAPN3 Mutations. Yonsei Medical Journal, 2016, 57, 173.	2.2	7
52	Pharmacogenetic analysis of advanced non-small-cell lung cancer patients treated with first-line paclitaxel and carboplatin chemotherapy. Pharmacogenetics and Genomics, 2016, 26, 116-125.	1.5	11
53	HLA-C*01 is a Risk Factor for CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, 796-806.	1.9	22
54	The clinical implication of single nucleotide polymorphisms in deoxycytidine kinase in chronic hepatitis B patients treated with lamivudine. Journal of Medical Virology, 2016, 88, 820-827.	5.0	1

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55	The HSP70 co-chaperone DNAJC14 targets misfolded pendrin for unconventional protein secretion. Nature Communications, 2016, 7, 11386.	12.8	43
56	Mutations in SLC26A1 Cause Nephrolithiasis. American Journal of Human Genetics, 2016, 98, 1228-1234.	6.2	41
57	Pore dilatation increases the bicarbonate permeability of CFTR, ANO1 and glycine receptor anion channels. Journal of Physiology, 2016, 594, 2929-2955.	2.9	30
58	Generation of Î”F508-CFTR T84 cell lines by CRISPR/Cas9-mediated genome editing. Biotechnology Letters, 2016, 38, 2023-2034.	2.2	7
59	Resistance to pathologic cardiac hypertrophy and reduced expression of CaV1.2 in Trpc3-depleted mice. Molecular and Cellular Biochemistry, 2016, 421, 55-65.	3.1	15
60	Knockdown of RPL9 expression inhibits colorectal carcinoma growth via the inactivation of Id-1/NF-ÎºB signaling axis. International Journal of Oncology, 2016, 49, 1953-1962.	3.3	33
61	Dysfunctional cerebellar Purkinje cells contribute to autism-like behaviour in Shank2-deficient mice. Nature Communications, 2016, 7, 12627.	12.8	180
62	SESN2/sestrin2 suppresses sepsis by inducing mitophagy and inhibiting NLRP3 activation in macrophages. Autophagy, 2016, 12, 1272-1291.	9.1	218
63	Monomerization and <scp>ER</scp> Relocalization of <scp>GRASP</scp> Is a Requisite for Unconventional Secretion of <scp>CFTR</scp>. Traffic, 2016, 17, 733-753.	2.7	63
64	Benefit of Adjuvant Chemotherapy After Curative Resection of Lung Metastasis in Colorectal Cancer. Annals of Surgical Oncology, 2016, 23, 928-935.	1.5	28
65	Pilot Study of a Next-Generation Sequencing-Based Targeted Anticancer Therapy in Refractory Solid Tumors at a Korean Institution. PLoS ONE, 2016, 11, e0154133.	2.5	12
66	Prognostic Scoring Index for Patients with Metastatic Pancreatic Adenocarcinoma. Cancer Research and Treatment, 2016, 48, 1253-1263.	3.0	15
67	Shank2 Regulates Renal Albumin Endocytosis. Physiological Reports, 2015, 3, e12510.	1.7	10
68	NovelCOCHp.V123E Mutation, Causative of DFNA9 Sensorineural Hearing Loss and Vestibular Disorder, Shows Impaired Cochlin Post-Translational Cleavage and Secretion. Human Mutation, 2015, 36, 1168-1175.	2.5	25
69	A NovelBEST1Mutation in Autosomal Recessive Bestrophinopathy. , 2015, 56, 8141.		21
70	Genetic Testing of Korean Familial Hypercholesterolemia Using Whole-Exome Sequencing. PLoS ONE, 2015, 10, e0126706.	2.5	24
71	Identification of a Novel p.Q1772X ANK1 Mutation in a Korean Family with Hereditary Spherocytosis. PLoS ONE, 2015, 10, e0131251.	2.5	12
72	Targeted next-generation sequencing for the genetic diagnosis of dysferlinopathy. Neuromuscular Disorders, 2015, 25, 502-510.	0.6	19

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73	Selective serotonin reuptake inhibitors facilitate ANO6 (TMEM16F) current activation and phosphatidylserine exposure. Pflugers Archiv European Journal of Physiology, 2015, 467, 2243-2256.	2.8	14
74	Phase II Clinical and Exploratory Biomarker Study of Dacomitinib in Patients with Recurrent and/or Metastatic Squamous Cell Carcinoma of Head and Neck. Clinical Cancer Research, 2015, 21, 544-552.	7.0	56
75	Does calmodulin regulate the bicarbonate permeability of ANO1/TMEM16A or not?. Journal of General Physiology, 2015, 145, 75-77.	1.9	8
76	microDuMIP: target-enrichment technique for microarray-based duplex molecular inversion probes. Nucleic Acids Research, 2015, 43, e28-e28.	14.5	11
77	Non-syndromic hearing loss caused by the dominant cis mutation R75Q with the recessive mutation V37I of the GJB2 (Connexin 26) gene. Experimental and Molecular Medicine, 2015, 47, e169-e169.	7.7	9
78	Benzopyrimido-pyrrolo-oxazine-dione (R)-BPO-27 Inhibits CFTR Chloride Channel Gating by Competition with ATP. Molecular Pharmacology, 2015, 88, 689-696.	2.3	15
79	GWAS identifies two susceptibility loci for lamotrigine-induced skin rash in patients with epilepsy. Epilepsy Research, 2015, 115, 88-94.	1.6	10
80	The full repertoire of Drosophila gustatory receptors for detecting an aversive compound. Nature Communications, 2015, 6, 8867.	12.8	101
81	Proprotein Convertase 5/6A Is Associated with Bone Morphogenetic Protein-2â€“Induced Squamous Cell Differentiation. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 749-761.	2.9	10
82	Regulation of phagocytosis and cytokine secretion by store-operated calcium entry in primary isolated murine microglia. Cellular Signalling, 2015, 27, 177-186.	3.6	84
83	Analysis of Conventional and Unconventional Trafficking of CFTR and Other Membrane Proteins. Methods in Molecular Biology, 2015, 1270, 137-154.	0.9	3
84	Mechanisms of CFTR Functional Variants That Impair Regulated Bicarbonate Permeation and Increase Risk for Pancreatitis but Not for Cystic Fibrosis. PLoS Genetics, 2014, 10, e1004376.	3.5	146
85	Shank2 mutant mice display a hypersecretory response to cholera toxin. Journal of Physiology, 2014, 592, 1809-1821.	2.9	5
86	Na+/H+ Exchanger Regulatory Factor 3 Is Critical for Multidrug Resistance Protein 4â€“Mediated Drug Efflux in the Kidney. Journal of the American Society of Nephrology: JASN, 2014, 25, 726-736.	6.1	26
87	Role of calcium signaling in epithelial bicarbonate secretion. Cell Calcium, 2014, 55, 376-384.	2.4	22
88	Identification of somatic mutations in EGFR/KRAS/ALK-negative lung adenocarcinoma in never-smokers. Genome Medicine, 2014, 6, 18.	8.2	37
89	Protein kinase C-Î² mediates neuronal activation of Na+/H+ exchanger-1 during glutamate excitotoxicity. Cellular Signalling, 2014, 26, 697-704.	3.6	11
90	A newly discovered LGI1 mutation in Korean family with autosomal dominant lateral temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 69-73.	2.0	13

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91	WNK4 inhibits plasma membrane targeting of NCC through regulation of syntaxin13 SNARE formation. Cellular Signalling, 2013, 25, 2469-2477.	3.6	7
92	Combined effects of an antioxidant and caspase inhibitor on the reversal of hepatic fibrosis in rats. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 1481-1491.	4.9	12
93	Increased Systemic Exposure of Fimasartan, an Angiotensin II Receptor Antagonist, by Ketoconazole and Rifampicin. Journal of Clinical Pharmacology, 2013, 53, 75-81.	2.0	28
94	Dynamic modulation of ANO1/TMEM16A HCO ₃ ^{â^'} permeability by Ca ²⁺ /calmodulin. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 360-365.	7.1	152
95	Association of genetic variation in chitotriosidase with atopy in Korean children. Annals of Allergy, Asthma and Immunology, 2013, 110, 444-449.e1.	1.0	13
96	Proximal Dominant Hereditary Motor and Sensory Neuropathy With Proximal Dominance Association With Mutation in the TRK-Fused Gene. JAMA Neurology, 2013, 70, 607.	9.0	37
97	ABCB1 c.2677G>T Variation Is Associated With Adverse Reactions of OROS-Methylphenidate in Children and Adolescents With ADHD. Journal of Clinical Psychopharmacology, 2013, 33, 491-498.	1.4	15
98	Genetic Variations ofABCC2Gene Associated with Adverse Drug Reactions to Valproic Acid in Korean Epileptic Patients. Genomics and Informatics, 2013, 11, 254.	0.8	17
99	Transepithelial Bicarbonate Secretion: Lessons from the Pancreas. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a009571-a009571.	6.2	30
100	Molecular Mechanism of Pancreatic and Salivary Gland Fluid and HCO₃^{â^'}Secretion. Physiological Reviews, 2012, 92, 39-74.	28.8	323
101	Cholesterol modulates cell signaling and protein networking by specifically interacting with PDZ domain-containing scaffold proteins. Nature Communications, 2012, 3, 1249.	12.8	129
102	Nonâ€classical membrane trafficking processes galore. Journal of Cellular Physiology, 2012, 227, 3722-3730.	4.1	47
103	Rescue of epithelial HCO₃^{â^'} secretion in murine intestine by apical membrane expression of the cystic fibrosis transmembrane conductance regulator mutant F508del. Journal of Physiology, 2012, 590, 5317-5334.	2.9	33
104	Autistic-like social behaviour in Shank2-mutant mice improved by restoring NMDA receptor function. Nature, 2012, 486, 261-265.	27.8	604
105	Opposite regulatory effects of TRPC1 and TRPC5 on neurite outgrowth in PC12 cells. Cellular Signalling, 2012, 24, 899-906.	3.6	43
106	Regulation of SLC26A3 activity by NHERF4 PDZ-mediated interaction. Cellular Signalling, 2012, 24, 1821-1830.	3.6	11
107	The Relation of Serotonin-Related Gene andCOMTGene Polymorphisms With Criminal Behavior in Schizophrenic Disorder. Journal of Clinical Psychiatry, 2012, 73, 159-163.	2.2	11
108	A synonymous variation in protease-activated receptor-2 isÂassociated with atopy in Korean children. Journal of Allergy and Clinical Immunology, 2011, 128, 1326-1334.e3.	2.9	13

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109	A Small Molecule That Binds to an ATPase Domain of Hsc70 Promotes Membrane Trafficking of Mutant Cystic Fibrosis Transmembrane Conductance Regulator. Journal of the American Chemical Society, 2011, 133, 20267-20276.	13.7	93
110	Rescue of Î”F508-CFTR Trafficking via a GRASP-Dependent Unconventional Secretion Pathway. Cell, 2011, 146, 746-760.	28.9	274
111	Lack of association between response of OROS-methylphenidate and norepinephrine transporter (SLC6A2) polymorphism in Korean ADHD. Psychiatry Research, 2011, 186, 338-344.	3.3	16
112	A case Report of a Classic Cystic fibrosis Pediatric Patient in Korea Carrying Very Rare CFTR Gene Mutations (D993Y and Q220X). Pediatric Allergy and Respiratory Disease, 2011, 21, 61.	0.5	2
113	The Effect of the Newly Developed Angiotensin Receptor II Antagonist Fimasartan on the Pharmacokinetics of Atorvastatin in Relation to OATP1B1 in Healthy Male Volunteers. Journal of Cardiovascular Pharmacology, 2011, 58, 492-499.	1.9	29
114	The Cystic Fibrosis Transmembrane Conductance Regulator's Expanding SNARE Interactome. Traffic, 2011, 12, 364-371.	2.7	31
115	Rifampin Enhances the Glucose-Lowering Effect of Metformin and Increases OCT1 mRNA Levels in Healthy Participants. Clinical Pharmacology and Therapeutics, 2011, 89, 416-421.	4.7	75
116	WNK4 kinase negatively regulates the surface expression of Muscarinic M3 receptor. Cellular Signalling, 2011, 23, 566-571.	3.6	1
117	Serine-threonine kinase with-no-lysine 4 (WNK4) controls blood pressure via transient receptor potential canonical 3 (TRPC3) in the vasculature. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10750-10755.	7.1	34
118	Association of a synonymous GAT3 polymorphism with antiepileptic drug pharmacoresistance. Journal of Human Genetics, 2011, 56, 640-646.	2.3	9
119	Uridine-5'-Triphosphate Stimulates Chloride Secretion via Cystic Fibrosis Transmembrane Conductance Regulator and Ca2+-Activated Chloride Channels in Cultured Human Middle Ear Epithelial Cells. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2011, 54, 840.	0.2	0
120	MRP1 Polymorphisms Associated With Citalopram Response in Patients With Major Depression. Journal of Clinical Psychopharmacology, 2010, 30, 116-125.	1.4	35
121	Selective inhibition of MDR1 (ABCB1) by HM30181 increases oral bioavailability and therapeutic efficacy of paclitaxel. European Journal of Pharmacology, 2010, 627, 92-98.	3.5	74
122	Association of ABCB1 polymorphisms with the efficacy of ondansetron for postoperative nausea and vomiting. Anaesthesia, 2010, 65, 996-1000.	3.8	48
123	A nonsynonymous variation in MRP2/ABCC2 is associated with neurological adverse drug reactions of carbamazepine in patients with epilepsy. Pharmacogenetics and Genomics, 2010, 20, 249-256.	1.5	91
124	Association between Cystic Fibrosis Transmembrane Conductance Regulator Gene Mutations and Susceptibility for Childhood Asthma in Korea. Yonsei Medical Journal, 2010, 51, 912.	2.2	12
125	The L441P Mutation of Cystic Fibrosis Transmembrane conductance Regulator and its Molecular Pathogenic Mechanisms in a Korean Patient with Cystic Fibrosis. Journal of Korean Medical Science, 2010, 25, 166.	2.5	8
126	Î²Pix Up-regulates Na+/H+ Exchanger 3 through a Shank2-mediated Protein-Protein Interaction. Journal of Biological Chemistry, 2010, 285, 8104-8113.	3.4	20

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127	Syntaxin 16 Binds to Cystic Fibrosis Transmembrane Conductance Regulator and Regulates Its Membrane Trafficking in Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 35519-35527.	3.4	33
128	Dynamic Regulation of CFTR Bicarbonate Permeability by [Clâ^']i and Its Role in Pancreatic Bicarbonate Secretion. Gastroenterology, 2010, 139, 620-631.	1.3	172
129	PDZ-based adaptor proteins in epithelial anion transport and VIP receptor regulation. Journal of Medical Investigation, 2009, 56, 302-305.	0.5	2
130	Genetic Variation in the Promoter Region of Chitinase 3-Like 1 Is Associated with Atopy. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 449-456.	5.6	79
131	Effects of KR-33028, a novel Na+/H+ exchanger-1 inhibitor, on glutamate-induced neuronal cell death and ischemia-induced cerebral infarct. Brain Research, 2009, 1248, 22-30.	2.2	24
132	The role of translation elongation factor eEF1A in intracellular alkalinization-induced tumor cell growth. Laboratory Investigation, 2009, 89, 867-874.	3.7	19
133	Chloride intracellular channel 1 regulates osteoblast differentiation. Bone, 2009, 45, 1175-1185.	2.9	28
134	Synaptic Scaffolding Molecule Binds to and Regulates Vasoactive Intestinal Polypeptide Type-1 Receptor in Epithelial Cells. Gastroenterology, 2009, 137, 607-617.e4.	1.3	30
135	Identification and characterization of novel polymorphisms in the basal promoter of the human transporter, MATE1. Pharmacogenetics and Genomics, 2009, 19, 770-780.	1.5	56
136	Influence of OATP1B1 Genotype on the Pharmacokinetics of Rosuvastatin in Koreans. Clinical Pharmacology and Therapeutics, 2008, 83, 251-257.	4.7	111
137	Heterogeneity in the processing defect of SLC26A4 mutants. Journal of Medical Genetics, 2008, 45, 411-419.	3.2	86
138	Physical Interactions and Functional Coupling between Daxx and Sodium Hydrogen Exchanger 1 in Ischemic Cell Death. Journal of Biological Chemistry, 2008, 283, 1018-1025.	3.4	22
139	PAR2 exerts local protection against acute pancreatitis via modulation of MAP kinase and MAP kinase phosphatase signaling. American Journal of Physiology - Renal Physiology, 2008, 295, G886-G894.	3.4	23
140	Pancreatitis: the neglected duct. Gut, 2008, 57, 1037-1039.	12.1	24
141	Dynamic Regulation of Cystic Fibrosis Transmembrane Conductance Regulator by Competitive Interactions of Molecular Adaptors. Journal of Biological Chemistry, 2007, 282, 10414-10422.	3.4	85
142	MRP2 haplotypes confer differential susceptibility to toxic liver injury. Pharmacogenetics and Genomics, 2007, 17, 403-415.	1.5	127
143	Effect of Slc26a6 deletion on apical Clâ^'/HCO3â^' exchanger activity and cAMP-stimulated bicarbonate secretion in pancreatic duct. American Journal of Physiology - Renal Physiology, 2007, 292, G447-G455.	3.4	60
144	Interleukin-1Î² upregulates Na+-K+-2Clâ^' cotransporter in human middle ear epithelia. Journal of Cellular Biochemistry, 2007, 101, 576-586.	2.6	16

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145	Molecular and functional expression of anion exchangers in cultured normal human nasal epithelial cells. Acta Physiologica, 2007, 191, 99-110.	3.8	8
146	TRPC channels as STIM1-regulated store-operated channels. Cell Calcium, 2007, 42, 205-211.	2.4	207
147	Pharmacodynamic characteristics and cardioprotective effects of new NHE1 inhibitors. European Journal of Pharmacology, 2007, 567, 131-138.	3.5	18
148	Biochemical and Functional Interaction between VPAC1 and Sâ€SCAM/MAGIâ€2. FASEB Journal, 2007, 21, A1322.	0.5	0
149	Shank2 Associates with and Regulates Na+/H+ Exchanger 3*. Journal of Biological Chemistry, 2006, 281, 1461-1469.	3.4	51
150	Gene SNPs and mutations in clinical genetic testing: haplotype-based testing and analysis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 573, 195-204.	1.0	64
151	Cystic Fibrosis in Korean Children: A Case Report Identified by a Quantitative Pilocarpine Iontophoresis Sweat Test and Genetic Analysis. Journal of Korean Medical Science, 2005, 20, 153.	2.5	27
152	Expression of Na+/H+exchanger isoforms in normal human nasal epithelial cells and functional activity of Na+/H+exchanger 1 in intracellular pH regulation. Acta Oto-Laryngologica, 2005, 125, 286-292.	0.9	4
153	Base Treatment Corrects Defects Due to Misfolding of Mutant Cystic Fibrosis Transmembrane Conductance Regulator. Gastroenterology, 2005, 129, 1979-1990.	1.3	20
154	Purinergic Stimulation Induces Ca2+-dependent Activation of Na+-K+-2Cl- Cotransporter in Human Nasal Epithelia. Journal of Biological Chemistry, 2004, 279, 18567-18574.	3.4	18
155	Inhibitory Regulation of Cystic Fibrosis Transmembrane Conductance Regulator Anion-transporting Activities by Shank2. Journal of Biological Chemistry, 2004, 279, 10389-10396.	3.4	50
156	Protease-activated receptor 2 exerts local protection and mediates some systemic complications in acute pancreatitisâ˜†. Gastroenterology, 2004, 126, 1844-1859.	1.3	81
157	Pyrrolidine dithiocarbamate and zinc inhibit proteasome-dependent proteolysis. Experimental Cell Research, 2004, 298, 229-238.	2.6	58
158	Membrane-specific expression of functional purinergic receptors in normal human nasal epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L835-L842.	2.9	37
159	A haplotype-based molecular analysis of CFTR mutations associated with respiratory and pancreatic diseases. Human Molecular Genetics, 2003, 12, 2321-2332.	2.9	99
160	Ca2+ Activates Cystic Fibrosis Transmembrane Conductance Regulator- and Clâ˜’-dependent HCO3â˜’ Transport in Pancreatic Duct Cells. Journal of Biological Chemistry, 2003, 278, 200-207.	3.4	63
161	Multiple Effects of SERCA2b Mutations Associated with Darier's Disease. Journal of Biological Chemistry, 2003, 278, 20795-20801.	3.4	66
162	The Cystic Fibrosis Transmembrane Conductance Regulator Interacts with and Regulates the Activity of the HCO3â˜’ Salvage Transporter Human Na+-HCO3â˜’ Cotransport Isoform 3. Journal of Biological Chemistry, 2002, 277, 50503-50509.	3.4	87

#	Article	IF	Citations
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