

Min Goo Lee

List of Publications by Year in descending order

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189
papers

9,825
citations

34105

52
h-index

43889

91
g-index

191
all docs

191
docs citations

191
times ranked

12986
citing authors

#	ARTICLE	IF	CITATIONS
1	Autistic-like social behaviour in Shank2-mutant mice improved by restoring NMDA receptor function. <i>Nature</i> , 2012, 486, 261-265.	27.8	604
2	Dynamic Association of Proteasomal Machinery with the Centrosome. <i>Journal of Cell Biology</i> , 1999, 145, 481-490.	5.2	479
3	Aberrant CFTR-dependent HCO ₃ ⁻ transport in mutations associated with cystic fibrosis. <i>Nature</i> , 2001, 410, 94-97.	27.8	362
4	Molecular Mechanism of Pancreatic and Salivary Gland Fluid and HCO ₃ ⁻ Secretion. <i>Physiological Reviews</i> , 2012, 92, 39-74.	28.8	323
5	A molecular mechanism for aberrant CFTR-dependent HCO ₃ ⁻ transport in cystic fibrosis. <i>EMBO Journal</i> , 2002, 21, 5662-5672.	7.8	287
6	Rescue of F508-CFTR Trafficking via a GRASP-Dependent Unconventional Secretion Pathway. <i>Cell</i> , 2011, 146, 746-760.	28.9	274
7	Polarized Expression of Ca ²⁺ Channels in Pancreatic and Salivary Gland Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 15765-15770.	3.4	259
8	SESN2/sestrin2 suppresses sepsis by inducing mitophagy and inhibiting NLRP3 activation in macrophages. <i>Autophagy</i> , 2016, 12, 1272-1291.	9.1	218
9	TRPC channels as STIM1-regulated store-operated channels. <i>Cell Calcium</i> , 2007, 42, 205-211.	2.4	207
10	Dysfunctional cerebellar Purkinje cells contribute to autism-like behaviour in Shank2-deficient mice. <i>Nature Communications</i> , 2016, 7, 12627.	12.8	180
11	Polarized Expression of Ca ²⁺ Pumps in Pancreatic and Salivary Gland Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 15771-15776.	3.4	173
12	Dynamic Regulation of CFTR Bicarbonate Permeability by [Cl ⁻] _i and Its Role in Pancreatic Bicarbonate Secretion. <i>Gastroenterology</i> , 2010, 139, 620-631.	1.3	172
13	Cystic Fibrosis Transmembrane Conductance Regulator Regulates Luminal Cl ⁻ /HCO ₃ ⁻ Exchange in Mouse Submandibular and Pancreatic Ducts. <i>Journal of Biological Chemistry</i> , 1999, 274, 14670-14677.	3.4	171
14	Transporter-mediated bile acid uptake causes Ca ²⁺ -dependent cell death in rat pancreatic acinar cells. <i>Gastroenterology</i> , 2002, 122, 1941-1953.	1.3	156
15	Dynamic modulation of ANO1/TMEM16A HCO ₃ ⁻ permeability by Ca ²⁺ /calmodulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 360-365.	7.1	152
16	Mechanisms of CFTR Functional Variants That Impair Regulated Bicarbonate Permeation and Increase Risk for Pancreatitis but Not for Cystic Fibrosis. <i>PLoS Genetics</i> , 2014, 10, e1004376.	3.5	146
17	Regulation of Cl ⁻ /HCO ₃ ⁻ Exchange by Cystic Fibrosis Transmembrane Conductance Regulator Expressed in NIH 3T3 and HEK 293 Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 3414-3421.	3.4	132
18	Cholesterol modulates cell signaling and protein networking by specifically interacting with PDZ domain-containing scaffold proteins. <i>Nature Communications</i> , 2012, 3, 1249.	12.8	129

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19	MRP2 haplotypes confer differential susceptibility to toxic liver injury. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 403-415.	1.5	127
20	Neopepsee: accurate genome-level prediction of neoantigens by harnessing sequence and amino acid immunogenicity information. <i>Annals of Oncology</i> , 2018, 29, 1030-1036.	1.2	126
21	Influence of OATP1B1 Genotype on the Pharmacokinetics of Rosuvastatin in Koreans. <i>Clinical Pharmacology and Therapeutics</i> , 2008, 83, 251-257.	4.7	111
22	Novel amiloride-sensitive sodium-dependent proton secretion in the mouse proximal convoluted tubule. <i>Journal of Clinical Investigation</i> , 2000, 105, 1141-1146.	8.2	110
23	The full repertoire of <i>Drosophila</i> gustatory receptors for detecting an aversive compound. <i>Nature Communications</i> , 2015, 6, 8867.	12.8	101
24	Regulatory Interaction between the Cystic Fibrosis Transmembrane Conductance Regulator and HCO ₃ ⁻ Salvage Mechanisms in Model Systems and the Mouse Pancreatic Duct. <i>Journal of Biological Chemistry</i> , 2001, 276, 17236-17243.	3.4	100
25	A haplotype-based molecular analysis of CFTR mutations associated with respiratory and pancreatic diseases. <i>Human Molecular Genetics</i> , 2003, 12, 2321-2332.	2.9	99
26	A Small Molecule That Binds to an ATPase Domain of Hsc70 Promotes Membrane Trafficking of Mutant Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of the American Chemical Society</i> , 2011, 133, 20267-20276.	13.7	93
27	A nonsynonymous variation in MRP2/ABCC2 is associated with neurological adverse drug reactions of carbamazepine in patients with epilepsy. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 249-256.	1.5	91
28	The Cystic Fibrosis Transmembrane Conductance Regulator Interacts with and Regulates the Activity of the HCO ₃ ⁻ Salvage Transporter Human Na ⁺ -HCO ₃ ⁻ Cotransport Isoform 3. <i>Journal of Biological Chemistry</i> , 2002, 277, 50503-50509.	3.4	87
29	Membrane-specific Regulation of Cl ⁻ Channels by Purinergic Receptors in Rat Submandibular Gland Acinar and Duct Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 32956-32965.	3.4	86
30	Heterogeneity in the processing defect of SLC26A4 mutants. <i>Journal of Medical Genetics</i> , 2008, 45, 411-419.	3.2	86
31	Dynamic Regulation of Cystic Fibrosis Transmembrane Conductance Regulator by Competitive Interactions of Molecular Adaptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 10414-10422.	3.4	85
32	Regulation of phagocytosis and cytokine secretion by store-operated calcium entry in primary isolated murine microglia. <i>Cellular Signalling</i> , 2015, 27, 177-186.	3.6	84
33	Protease-activated receptor 2 exerts local protection and mediates some systemic complications in acute pancreatitis. <i>Gastroenterology</i> , 2004, 126, 1844-1859.	1.3	81
34	Unconventional protein secretion – new insights into the pathogenesis and therapeutic targets of human diseases. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	81
35	Genetic Variation in the Promoter Region of <i>Chitinase 3-Like 1</i> Is Associated with Atopy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 449-456.	5.6	79
36	HCO ₃ ⁻ Salvage Mechanisms in the Submandibular Gland Acinar and Duct Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 9808-9816.	3.4	76

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37	Rifampin Enhances the Glucose-Lowering Effect of Metformin and Increases OCT1 mRNA Levels in Healthy Participants. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 89, 416-421.	4.7	75
38	Selective inhibition of MDR1 (ABCB1) by HM30181 increases oral bioavailability and therapeutic efficacy of paclitaxel. <i>European Journal of Pharmacology</i> , 2010, 627, 92-98.	3.5	74
39	Multiple functional P2X and P2Y receptors in the luminal and basolateral membranes of pancreatic duct cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C205-C215.	4.6	70
40	Membrane-limited expression and regulation of Na ⁺ -H ⁺ -exchanger isoforms by P2receptors in the rat submandibular gland duct. <i>Journal of Physiology</i> , 1998, 513, 341-357.	2.9	68
41	Multiple Effects of SERCA2b Mutations Associated with Darier's Disease. <i>Journal of Biological Chemistry</i> , 2003, 278, 20795-20801.	3.4	66
42	Gene SNPs and mutations in clinical genetic testing: haplotype-based testing and analysis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 573, 195-204.	1.0	64
43	Ca ²⁺ Activates Cystic Fibrosis Transmembrane Conductance Regulator- and Cl ⁻ -dependent HCO ₃ ⁻ Transport in Pancreatic Duct Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 200-207.	3.4	63
44	Monomerization and $\langle \text{ER} \rangle$ Relocalization of $\langle \text{GRASP} \rangle$ Is a Requisite for Unconventional Secretion of $\langle \text{CFTR} \rangle$. <i>Traffic</i> , 2016, 17, 733-753.	2.7	63
45	Na ⁺ -dependent transporters mediate HCO ₃ ⁻ salvage across the luminal membrane of the main pancreatic duct. <i>Journal of Clinical Investigation</i> , 2000, 105, 1651-1658.	8.2	63
46	Characterization and Localization of P2 Receptors in Rat Submandibular Gland Acinar and Duct Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 32951-32955.	3.4	62
47	Secretory autophagy machinery and vesicular trafficking are involved in HMGB1 secretion. <i>Autophagy</i> , 2021, 17, 2345-2362.	9.1	62
48	Effect of Slc26a6 deletion on apical Cl ⁻ /HCO ₃ ⁻ exchanger activity and cAMP-stimulated bicarbonate secretion in pancreatic duct. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G447-G455.	3.4	60
49	Targeting mutant <i>KRAS</i> with CRISPR-Cas9 controls tumor growth. <i>Genome Research</i> , 2018, 28, 374-382.	5.5	59
50	Pyrrolidine dithiocarbamate and zinc inhibit proteasome-dependent proteolysis. <i>Experimental Cell Research</i> , 2004, 298, 229-238.	2.6	58
51	Identification and characterization of novel polymorphisms in the basal promoter of the human transporter, MATE1. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 770-780.	1.5	56
52	Phase II Clinical and Exploratory Biomarker Study of Dacomitinib in Patients with Recurrent and/or Metastatic Squamous Cell Carcinoma of Head and Neck. <i>Clinical Cancer Research</i> , 2015, 21, 544-552.	7.0	56
53	Enhancing inhibitory synaptic function reverses spatial memory deficits in Shank2 mutant mice. <i>Neuropharmacology</i> , 2017, 112, 104-112.	4.1	56
54	Targeted Next-Generation Sequencing for Comprehensive Genetic Profiling of Pharmacogenes. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 101, 396-405.	4.7	54

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55	Next-generation sequencing reveals somatic mutations that confer exceptional response to everolimus. <i>Oncotarget</i> , 2016, 7, 10547-10556.	1.8	52
56	Shank2 Associates with and Regulates Na ⁺ /H ⁺ Exchanger 3*. <i>Journal of Biological Chemistry</i> , 2006, 281, 1461-1469.	3.4	51
57	Inhibitory Regulation of Cystic Fibrosis Transmembrane Conductance Regulator Anion-transporting Activities by Shank2. <i>Journal of Biological Chemistry</i> , 2004, 279, 10389-10396.	3.4	50
58	Association of <i>ABCB1</i> polymorphisms with the efficacy of ondansetron for postoperative nausea and vomiting. <i>Anaesthesia</i> , 2010, 65, 996-1000.	3.8	48
59	Molecular Characterization of Biliary Tract Cancer Predicts Chemotherapy and Programmed Death 1/Programmed Death-Ligand 1 Blockade Responses. <i>Hepatology</i> , 2021, 74, 1914-1931.	7.3	48
60	Non-classical membrane trafficking processes galore. <i>Journal of Cellular Physiology</i> , 2012, 227, 3722-3730.	4.1	47
61	Unconventional secretion of transmembrane proteins. <i>Seminars in Cell and Developmental Biology</i> , 2018, 83, 59-66.	5.0	47
62	Specific autophagy and ESCRT components participate in the unconventional secretion of CFTR. <i>Autophagy</i> , 2018, 14, 1761-1778.	9.1	46
63	A protein sequence that can encode native structure by disfavoring alternate conformations. <i>Nature Structural Biology</i> , 2002, 9, 381-8.	9.7	45
64	Distinct Mechanisms of Over-Representation of Landmarks and Rewards in the Hippocampus. <i>Cell Reports</i> , 2020, 32, 107864.	6.4	45
65	Opposite regulatory effects of TRPC1 and TRPC5 on neurite outgrowth in PC12 cells. <i>Cellular Signalling</i> , 2012, 24, 899-906.	3.6	43
66	The HSP70 co-chaperone DNAJC14 targets misfolded pendrin for unconventional protein secretion. <i>Nature Communications</i> , 2016, 7, 11386.	12.8	43
67	Mutations in SLC26A1 Cause Nephrolithiasis. <i>American Journal of Human Genetics</i> , 2016, 98, 1228-1234.	6.2	41
68	Evaluation of anti-influenza effects of camostat in mice infected with non-adapted human influenza viruses. <i>Archives of Virology</i> , 1996, 141, 1979-1989.	2.1	38
69	ADCK4 Deficiency Destabilizes the Coenzyme Q Complex, Which Is Rescued by 2,4-Dihydroxybenzoic Acid Treatment. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1191-1211.	6.1	38
70	Membrane-specific expression of functional purinergic receptors in normal human nasal epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L835-L842.	2.9	37
71	Proximal Dominant Hereditary Motor and Sensory Neuropathy With Proximal Dominance Association With Mutation in the TRK-Fused Gene. <i>JAMA Neurology</i> , 2013, 70, 607.	9.0	37
72	Identification of somatic mutations in EGFR/KRAS/ALK-negative lung adenocarcinoma in never-smokers. <i>Genome Medicine</i> , 2014, 6, 18.	8.2	37

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73	ZMYND10 stabilizes intermediate chain proteins in the cytoplasmic pre-assembly of dynein arms. <i>PLoS Genetics</i> , 2018, 14, e1007316.	3.5	37
74	MRP1 Polymorphisms Associated With Citalopram Response in Patients With Major Depression. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 116-125.	1.4	35
75	ANO9/TMEM16J promotes tumourigenesis via EGFR and is a novel therapeutic target for pancreatic cancer. <i>British Journal of Cancer</i> , 2017, 117, 1798-1809.	6.4	35
76	Hippocampus-Dependent Goal Localization by Head-Fixed Mice in Virtual Reality. <i>ENeuro</i> , 2017, 4, ENEURO.0369-16.2017.	1.9	35
77	Serine-threonine kinase with-no-lysine 4 (WNK4) controls blood pressure via transient receptor potential canonical 3 (TRPC3) in the vasculature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10750-10755.	7.1	34
78	Syntaxin 16 Binds to Cystic Fibrosis Transmembrane Conductance Regulator and Regulates Its Membrane Trafficking in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 35519-35527.	3.4	33
79	Rescue of epithelial HCO ₃ ⁻ secretion in murine intestine by apical membrane expression of the cystic fibrosis transmembrane conductance regulator mutant F508del. <i>Journal of Physiology</i> , 2012, 590, 5317-5334.	2.9	33
80	Knockdown of RPL9 expression inhibits colorectal carcinoma growth via the inactivation of Id-1/NF- κ B signaling axis. <i>International Journal of Oncology</i> , 2016, 49, 1953-1962.	3.3	33
81	High [Ca ²⁺] _i domains, secretory granules and exocytosis. <i>Cell Calcium</i> , 1997, 22, 1-4.	2.4	31
82	The Cystic Fibrosis Transmembrane Conductance Regulator's Expanding SNARE Interactome. <i>Traffic</i> , 2011, 12, 364-371.	2.7	31
83	Synaptic Scaffolding Molecule Binds to and Regulates Vasoactive Intestinal Polypeptide Type-1 Receptor in Epithelial Cells. <i>Gastroenterology</i> , 2009, 137, 607-617.e4.	1.3	30
84	Transepithelial Bicarbonate Secretion: Lessons from the Pancreas. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a009571-a009571.	6.2	30
85	Pore dilatation increases the bicarbonate permeability of CFTR, ANO1 and glycine receptor anion channels. <i>Journal of Physiology</i> , 2016, 594, 2929-2955.	2.9	30
86	Sec16A is critical for both conventional and unconventional secretion of CFTR. <i>Scientific Reports</i> , 2017, 7, 39887.	3.3	30
87	The Effect of the Newly Developed Angiotensin Receptor II Antagonist Fimasartan on the Pharmacokinetics of Atorvastatin in Relation to OATP1B1 in Healthy Male Volunteers. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 492-499.	1.9	29
88	A coding variant in <i>FTO</i> confers susceptibility to thiopurine-induced leukopenia in East Asian patients with IBD. <i>Gut</i> , 2017, 66, 1926-1935.	12.1	29
89	Survival of Cancer Stem-Like Cells Under Metabolic Stress via CaMK2 δ -mediated Upregulation of Sarco/Endoplasmic Reticulum Calcium ATPase Expression. <i>Clinical Cancer Research</i> , 2018, 24, 1677-1690.	7.0	29
90	Chloride intracellular channel 1 regulates osteoblast differentiation. <i>Bone</i> , 2009, 45, 1175-1185.	2.9	28

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91	Increased Systemic Exposure of Fimasartan, an Angiotensin II Receptor Antagonist, by Ketoconazole and Rifampicin. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 75-81.	2.0	28
92	Benefit of Adjuvant Chemotherapy After Curative Resection of Lung Metastasis in Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2016, 23, 928-935.	1.5	28
93	Cystic Fibrosis in Korean Children: A Case Report Identified by a Quantitative Pilocarpine Iontophoresis Sweat Test and Genetic Analysis. <i>Journal of Korean Medical Science</i> , 2005, 20, 153.	2.5	27
94	Regulation of CFTR Bicarbonate Channel Activity by WNK1: Implications for Pancreatitis and CFTR-Related Disorders. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 79-103.	4.5	27
95	Na ⁺ /H ⁺ Exchanger Regulatory Factor 3 Is Critical for Multidrug Resistance Protein 4-Mediated Drug Efflux in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 726-736.	6.1	26
96	Novel <i>COCH</i> p.V123E Mutation, Causative of DFNA9 Sensorineural Hearing Loss and Vestibular Disorder, Shows Impaired Cochlin Post-Translational Cleavage and Secretion. <i>Human Mutation</i> , 2015, 36, 1168-1175.	2.5	25
97	Pancreatitis: the neglected duct. <i>Gut</i> , 2008, 57, 1037-1039.	12.1	24
98	Effects of KR-33028, a novel Na ⁺ /H ⁺ exchanger-1 inhibitor, on glutamate-induced neuronal cell death and ischemia-induced cerebral infarct. <i>Brain Research</i> , 2009, 1248, 22-30.	2.2	24
99	Genetic Testing of Korean Familial Hypercholesterolemia Using Whole-Exome Sequencing. <i>PLoS ONE</i> , 2015, 10, e0126706.	2.5	24
100	Comparison of clinical outcomes between wavefront-optimized versus corneal wavefront-guided transepithelial photorefractive keratectomy for myopic astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 174-182.	1.5	24
101	PAR2 exerts local protection against acute pancreatitis via modulation of MAP kinase and MAP kinase phosphatase signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G886-G894.	3.4	23
102	Physical Interactions and Functional Coupling between Daxx and Sodium Hydrogen Exchanger 1 in Ischemic Cell Death. <i>Journal of Biological Chemistry</i> , 2008, 283, 1018-1025.	3.4	22
103	Role of calcium signaling in epithelial bicarbonate secretion. <i>Cell Calcium</i> , 2014, 55, 376-384.	2.4	22
104	HLA-C*01 is a Risk Factor for Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 796-806.	1.9	22
105	Digenic inheritance of mutations in <i>EPHA2</i> and <i>SLC26A4</i> in Pendred syndrome. <i>Nature Communications</i> , 2020, 11, 1343.	12.8	22
106	A Novel <i>BEST1</i> Mutation in Autosomal Recessive Bestrophinopathy. , 2015, 56, 8141.		21
107	Base Treatment Corrects Defects Due to Misfolding of Mutant Cystic Fibrosis Transmembrane Conductance Regulator. <i>Gastroenterology</i> , 2005, 129, 1979-1990.	1.3	20
108	βPix Up-regulates Na ⁺ /H ⁺ Exchanger 3 through a Shank2-mediated Protein-Protein Interaction. <i>Journal of Biological Chemistry</i> , 2010, 285, 8104-8113.	3.4	20

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109	Adult-Onset Vitelliform Macular Dystrophy caused by BEST1 p.Ile38Ser Mutation is a Mild Form of Best Vitelliform Macular Dystrophy. <i>Scientific Reports</i> , 2017, 7, 9146.	3.3	20
110	UDP-Induced Phagocytosis and ATP-Stimulated Chemotactic Migration Are Impaired in <i>STIM1</i> Microglia In Vitro and In Vivo. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	3.0	20
111	Molecular Diagnosis of Craniosynostosis Using Targeted Next-Generation Sequencing. <i>Neurosurgery</i> , 2020, 87, 294-302.	1.1	20
112	The role of translation elongation factor eEF1A in intracellular alkalinization-induced tumor cell growth. <i>Laboratory Investigation</i> , 2009, 89, 867-874.	3.7	19
113	Targeted next-generation sequencing for the genetic diagnosis of dysferlinopathy. <i>Neuromuscular Disorders</i> , 2015, 25, 502-510.	0.6	19
114	Purinergic Stimulation Induces Ca ²⁺ -dependent Activation of Na ⁺ -K ⁺ -2Cl ⁻ Cotransporter in Human Nasal Epithelia. <i>Journal of Biological Chemistry</i> , 2004, 279, 18567-18574.	3.4	18
115	Pharmacodynamic characteristics and cardioprotective effects of new NHE1 inhibitors. <i>European Journal of Pharmacology</i> , 2007, 567, 131-138.	3.5	18
116	Regeneration of infarcted mouse hearts by cardiovascular tissue formed via the direct reprogramming of mouse fibroblasts. <i>Nature Biomedical Engineering</i> , 2021, 5, 880-896.	22.5	18
117	Intracellular Calcium Mobilization Induces Immediate Early Genepip92 via Src and Mitogen-activated Protein Kinase in Immortalized Hippocampal Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 2132-2138.	3.4	17
118	Genetic Variations of <i>ABCC2</i> Gene Associated with Adverse Drug Reactions to Valproic Acid in Korean Epileptic Patients. <i>Genomics and Informatics</i> , 2013, 11, 254.	0.8	17
119	Interleukin-1 β upregulates Na ⁺ -K ⁺ -2Cl ⁻ cotransporter in human middle ear epithelia. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 576-586.	2.6	16
120	Lack of association between response of OROS-methylphenidate and norepinephrine transporter (SLC6A2) polymorphism in Korean ADHD. <i>Psychiatry Research</i> , 2011, 186, 338-344.	3.3	16
121	Rare KCNQ4 variants found in public databases underlie impaired channel activity that may contribute to hearing impairment. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-12.	7.7	16
122	ABCB1 c.2677G>T Variation Is Associated With Adverse Reactions of OROS-Methylphenidate in Children and Adolescents With ADHD. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 491-498.	1.4	15
123	Benzopyrimido-pyrrolo-oxazine-dione (<i>R</i>)-BPO-27 Inhibits CFTR Chloride Channel Gating by Competition with ATP. <i>Molecular Pharmacology</i> , 2015, 88, 689-696.	2.3	15
124	Resistance to pathologic cardiac hypertrophy and reduced expression of CaV1.2 in Trpc3-depleted mice. <i>Molecular and Cellular Biochemistry</i> , 2016, 421, 55-65.	3.1	15
125	Physiology of Duct Cell Secretion. , 0, , 78-90.		15
126	Prognostic Scoring Index for Patients with Metastatic Pancreatic Adenocarcinoma. <i>Cancer Research and Treatment</i> , 2016, 48, 1253-1263.	3.0	15

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127	Selective serotonin reuptake inhibitors facilitate ANO6 (TMEM16F) current activation and phosphatidylserine exposure. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 2243-2256.	2.8	14
128	A synonymous variation in protease-activated receptor-2 is associated with atopy in Korean children. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 1326-1334.e3.	2.9	13
129	Association of genetic variation in chitotriosidase with atopy in Korean children. <i>Annals of Allergy, Asthma and Immunology</i> , 2013, 110, 444-449.e1.	1.0	13
130	A newly discovered LGI1 mutation in Korean family with autosomal dominant lateral temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 69-73.	2.0	13
131	A recurrent mutation in KCNQ4 in Korean families with nonsyndromic hearing loss and rescue of the channel activity by KCNQ activators. <i>Human Mutation</i> , 2018, 40, 335-346.	2.5	13
132	Anoctamin 1/TMEM16A controls intestinal Cl ⁻ secretion induced by carbachol and cholera toxin. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	7.7	13
133	Systematic evaluation of gene variants linked to hearing loss based on allele frequency threshold and filtering allele frequency. <i>Scientific Reports</i> , 2019, 9, 4583.	3.3	13
134	Grasp55 ^{+/+} mice display impaired fat absorption and resistance to high-fat diet-induced obesity. <i>Nature Communications</i> , 2020, 11, 1418.	12.8	13
135	Association between Cystic Fibrosis Transmembrane Conductance Regulator Gene Mutations and Susceptibility for Childhood Asthma in Korea. <i>Yonsei Medical Journal</i> , 2010, 51, 912.	2.2	12
136	Combined effects of an antioxidant and caspase inhibitor on the reversal of hepatic fibrosis in rats. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1481-1491.	4.9	12
137	Identification of a Novel p.Q1772X ANK1 Mutation in a Korean Family with Hereditary Spherocytosis. <i>PLoS ONE</i> , 2015, 10, e0131251.	2.5	12
138	Sustained Mutant KIT Activation in the Golgi Complex Is Mediated by PKC- δ in Gastrointestinal Stromal Tumors. <i>Clinical Cancer Research</i> , 2017, 23, 845-856.	7.0	12
139	IRE1 α kinase-mediated unconventional protein secretion rescues misfolded CFTR and pendrin. <i>Science Advances</i> , 2020, 6, eaax9914.	10.3	12
140	Pilot Study of a Next-Generation Sequencing-Based Targeted Anticancer Therapy in Refractory Solid Tumors at a Korean Institution. <i>PLoS ONE</i> , 2016, 11, e0154133.	2.5	12
141	Regulation of SLC26A3 activity by NHERF4 PDZ-mediated interaction. <i>Cellular Signalling</i> , 2012, 24, 1821-1830.	3.6	11
142	Protein kinase C- δ mediates neuronal activation of Na ⁺ /H ⁺ exchanger-1 during glutamate excitotoxicity. <i>Cellular Signalling</i> , 2014, 26, 697-704.	3.6	11
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