

Michael Koval

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

9,419
citations

26630

56
h-index

45317

90
g-index

197
all docs

197
docs citations

197
times ranked

9923
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary Hypertension. <i>Chest</i> , 2022, 161, 803-806.	0.8	1
2	Connexins. , 2022, , 606-611.		0
3	A medium composition containing normal resting glucose that supports differentiation of primary human airway cells. <i>Scientific Reports</i> , 2022, 12, 1540.	3.3	7
4	The Effect of PGC-1alpha-SIRT3 Pathway Activation on <i>Pseudomonas aeruginosa</i> Infection. <i>Pathogens</i> , 2022, 11, 116.	2.8	3
5	Electrophysiological Measurements of Isolated Blood Vessels. <i>Bio-protocol</i> , 2022, 12, e4359.	0.4	2
6	<i>Azadirachta indica</i> A. Juss bark extract and its Nimbin isomers restrict \hat{I}^2 -coronaviral infection and replication. <i>Virology</i> , 2022, 569, 13-28.	2.4	15
7	Claudinâ€³ Strengthens the Colonic Epithelial Barrier by Regulating Claudinâ€³ and â€4 proteins in the Tight Junction Plasma Membrane. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
8	Identification of alveolar proteins associated with claudinâ€18 using BioID. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
9	New insights into the mechanism of alcohol-mediated organ damage via its impact on immunity, metabolism, and repair pathways: A Summary of the 2021 Alcohol and Immunology Research Interest Group (AIRIG) meeting. <i>Alcohol</i> , 2022, , .	1.7	3
10	PPAR \hat{I}^3 increases HUUWE1 to attenuate NF- \hat{I}^B /p65 and sickle cell disease with pulmonary hypertension. <i>Blood Advances</i> , 2021, 5, 399-413.	5.2	6
11	Measurement of Lung Vessel and Epithelial Permeability In Vivo with Evans Blue. <i>Methods in Molecular Biology</i> , 2021, 2367, 137-148.	0.9	11
12	A venous-specific purinergic signaling cascade initiated by Pannexin 1 regulates TNF \hat{I}^{\pm} -induced increases in endothelial permeability. <i>Science Signaling</i> , 2021, 14, .	3.6	30
13	Asymmetric distribution of dynamin-2 and \hat{I}^2 -catenin relative to tight junction spikes in alveolar epithelial cells. <i>Tissue Barriers</i> , 2021, 9, 1929786.	3.2	4
14	Pioglitazone Reverses Alcohol-Induced Alveolar Macrophage Phagocytic Dysfunction. <i>Journal of Immunology</i> , 2021, 207, 483-492.	0.8	9
15	Alteration of Membrane Cholesterol Content Plays a Key Role in Regulation of Cystic Fibrosis Transmembrane Conductance Regulator Channel Activity. <i>Frontiers in Physiology</i> , 2021, 12, 652513.	2.8	5
16	Integrated evaluation of lung disease in single animals. <i>PLoS ONE</i> , 2021, 16, e0246270.	2.5	1
17	Pannexin 1 as a driver of inflammation and ischemiaâ€reperfusion injury. <i>Purinergic Signalling</i> , 2021, 17, 521-531.	2.2	22
18	Sphingomyelinase decreases transepithelial anion secretion in airway epithelial cells in part by inhibiting CFTRâ€mediated apical conductance. <i>Physiological Reports</i> , 2021, 9, e14928.	1.7	8

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19	Above the Matrix: Functional Roles for Apically Localized Integrins. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699407.	3.7	12
20	A scalable workflow to characterize the human exposome. <i>Nature Communications</i> , 2021, 12, 5575.	12.8	31
21	Mechanisms of Connexin Regulating Peptides. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10186.	4.1	15
22	Mechanistic analysis and significance of sphingomyelinase-mediated decreases in transepithelial CFTR currents in nHBEs. <i>Physiological Reports</i> , 2021, 9, e15023.	1.7	2
23	Age-determined expression of priming protease TMPRSS2 and localization of SARS-CoV-2 in lung epithelium. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	108
24	Nanotopography Enhances Dynamic Remodeling of Tight Junction Proteins through Cytosolic Liquid Complexes. <i>ACS Nano</i> , 2020, 14, 13192-13202.	14.6	11
25	Ruffles and spikes: Control of tight junction morphology and permeability by claudins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183339.	2.6	52
26	Consideration of Pannexin 1 channels in COVID-19 pathology and treatment. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L121-L125.	2.9	24
27	Type-2 Cannabinoid Receptors Maintain Epithelial Barrier in Aspirin-Exacerbated Respiratory Disease. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, AB148.	2.9	0
28	Mucosal Barrier Defects: What Have We Learned from Atopic Dermatitis, Asthma, and Allergic Rhinitis?. <i>Current Otorhinolaryngology Reports</i> , 2020, 8, 19-23.	0.5	1
29	Endothelial Pannexin 1 Channels Control Inflammation by Regulating Intracellular Calcium. <i>Journal of Immunology</i> , 2020, 204, 2995-3007.	0.8	55
30	Detrimental effects of flame retardant, PBB153, exposure on sperm and future generations. <i>Scientific Reports</i> , 2020, 10, 8567.	3.3	32
31	UPR modulation of host immunity by <i>Pseudomonas aeruginosa</i> in cystic fibrosis. <i>Clinical Science</i> , 2020, 134, 1911-1934.	4.3	8
32	<i>Pseudomonas aeruginosa</i> Induced Host Epithelial Cell Mitochondrial Dysfunction. <i>Scientific Reports</i> , 2019, 9, 11929.	3.3	30
33	Glial Cell Line-Derived Neurotrophic Factor Enhances Autophagic Flux in Mouse and Rat Hepatocytes and Protects Against Palmitate Lipotoxicity. <i>Hepatology</i> , 2019, 69, 2455-2470.	7.3	15
34	Pharmacological stimulation of G-protein coupled receptor 40 alleviates cytokine-induced epithelial barrier disruption in airway epithelial Calu-3 cells. <i>International Immunopharmacology</i> , 2019, 73, 353-361.	3.8	10
35	Redox Biology of Peroxisome Proliferator-Activated Receptor- δ in Pulmonary Hypertension. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 874-897.	5.4	20
36	Mortality in US veterans with pulmonary hypertension: a retrospective analysis of survival by subtype and baseline factors. <i>Pulmonary Circulation</i> , 2019, 9, 1-12.	1.7	20

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37	Effects of different routes of endotoxin injury on barrier function in alcoholic lung syndrome. <i>Alcohol</i> , 2019, 80, 81-89.	1.7	11
38	Chronic Alcohol Significantly Affects Pulmonary Function Both at Baseline and in Response to Endotoxemia. <i>FASEB Journal</i> , 2019, 33, 847.6.	0.5	0
39	Hyperoxia induces paracellular leak and alters claudin expression by neonatal alveolar epithelial cells. <i>Pediatric Pulmonology</i> , 2018, 53, 17-27.	2.0	14
40	PPAR β Regulates Mitochondrial Structure and Function and Human Pulmonary Artery Smooth Muscle Cell Proliferation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 648-657.	2.9	47
41	Connexins: Synthesis, Post-Translational Modifications, and Trafficking in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1296.	4.1	81
42	Epidermal Growth Factor Improves Intestinal Integrity and Survival in Murine Sepsis Following Chronic Alcohol Ingestion. <i>Shock</i> , 2017, 47, 184-192.	2.1	29
43	Peroxisome proliferator-activated receptor β agonists attenuate biofilm formation by <i>Pseudomonas aeruginosa</i> . <i>FASEB Journal</i> , 2017, 31, 3608-3621.	0.5	29
44	Calibrated flux measurements reveal a nanostructure-stimulated transcytotic pathway. <i>Experimental Cell Research</i> , 2017, 355, 153-161.	2.6	10
45	Peroxisome proliferator-activated receptor β enhances human pulmonary artery smooth muscle cell apoptosis through microRNA-21 and programmed cell death 4. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L371-L383.	2.9	28
46	Hypoxia inhibits expression and function of mitochondrial thioredoxin 2 to promote pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L599-L608.	2.9	12
47	Insulin signaling via the PI3-kinase/Akt pathway regulates airway glucose uptake and barrier function in a CFTR-dependent manner. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L688-L702.	2.9	36
48	Two common human <i>CLDN5</i> alleles encode different open reading frames but produce one protein isoform. <i>Annals of the New York Academy of Sciences</i> , 2017, 1397, 119-129.	3.8	8
49	Introduction: The Lung Epithelium. , 2017, , xiii-xviii.		0
50	Junctional Interplay in Lung Epithelial Barrier Function. , 2017, , 1-20.		4
51	Myosin Light Chain Kinase Knockout Improves Gut Barrier Function and Confers a Survival Advantage in Polymicrobial Sepsis. <i>Molecular Medicine</i> , 2017, 23, 155-165.	4.4	35
52	Use of Super-resolution Immunofluorescence Microscopy to Analyze Tight Junction Protein Interactions in situ. <i>Microscopy and Microanalysis</i> , 2016, 22, 1014-1015.	0.4	1
53	Enhanced Clearance of <i>Pseudomonas aeruginosa</i> by Peroxisome Proliferator-Activated Receptor Gamma. <i>Infection and Immunity</i> , 2016, 84, 1975-1985.	2.2	31
54	Structure and Function of Epithelial and Endothelial Barriers. , 2016, , 3-39.		0

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55	Mitochondrial catalase overexpressed transgenic mice are protected against lung fibrosis in part via preventing alveolar epithelial cell mitochondrial DNA damage. <i>Free Radical Biology and Medicine</i> , 2016, 101, 482-490.	2.9	68
56	Regulation of claudin/zonula occludens-1 complexes by hetero-claudin interactions. <i>Nature Communications</i> , 2016, 7, 12276.	12.8	83
57	Time-dependent PPAR γ Modulation of HIF-1 α Signaling in Hypoxic Pulmonary Artery Smooth Muscle Cells. <i>American Journal of the Medical Sciences</i> , 2016, 352, 71-79.	1.1	23
58	Systems Proteomics View of the Endogenous Human Claudin Protein Family. <i>Journal of Proteome Research</i> , 2016, 15, 339-359.	3.7	26
59	Data of the molecular dynamics simulations of mutations in the human connexin46 docking interface. <i>Data in Brief</i> , 2016, 7, 93-99.	1.0	6
60	Peroxisome Proliferator-Activated Receptor γ Regulates Chronic Alcohol-Induced Alveolar Macrophage Dysfunction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 35-46.	2.9	27
61	The cataract related mutation N188T in human connexin46 (hCx46) revealed a critical role for residue N188 in the docking process of gap junction channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 57-66.	2.6	20
62	The expanding diversity of roles for claudins. <i>Seminars in Cell and Developmental Biology</i> , 2015, 42, 1-2.	5.0	1
63	Smooth Muscle-Targeted Overexpression of Peroxisome Proliferator Activated Receptor- γ Disrupts Vascular Wall Structure and Function. <i>PLoS ONE</i> , 2015, 10, e0139756.	2.5	9
64	HNF4 α Regulates Claudin-7 Protein Expression during Intestinal Epithelial Differentiation. <i>American Journal of Pathology</i> , 2015, 185, 2206-2218.	3.8	32
65	The relative balance of GM-CSF and TGF- β 1 regulates lung epithelial barrier function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L1212-L1223.	2.9	51
66	Degradation of gap junction connexins is regulated by the interaction with Cx43-interacting protein of 75 kDa (CIP75). <i>Biochemical Journal</i> , 2015, 466, 571-585.	3.7	14
67	Claudins: Gatekeepers of lung epithelial function. <i>Seminars in Cell and Developmental Biology</i> , 2015, 42, 47-57.	5.0	144
68	NF- κ B inhibitors impair lung epithelial tight junctions in the absence of inflammation. <i>Tissue Barriers</i> , 2015, 3, e982424.	3.2	34
69	Nanotopography Facilitates in Vivo Transdermal Delivery of High Molecular Weight Therapeutics through an Integrin-Dependent Mechanism. <i>Nano Letters</i> , 2015, 15, 2434-2441.	9.1	35
70	Junctional abnormalities in human airway epithelial cells expressing F508del CFTR. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L475-L487.	2.9	53
71	Junctional Adhesion Molecule A Promotes Epithelial Tight Junction Assembly to Augment Lung Barrier Function. <i>American Journal of Pathology</i> , 2015, 185, 372-386.	3.8	35
72	Restoration of Na ⁺ /H ⁺ exchanger NHE3-containing macrocomplexes ameliorates diabetes-associated fluid loss. <i>Journal of Clinical Investigation</i> , 2015, 125, 3519-3531.	8.2	36

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73	Desmosome Assembly and Disassembly Are Membrane Raft-Dependent. PLoS ONE, 2014, 9, e87809.	2.5	67
74	Hyperglycemia impedes lung bacterial clearance in a murine model of cystic fibrosis-related diabetes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L43-L49.	2.9	49
75	Glutathione attenuates ethanol-induced alveolar macrophage oxidative stress and dysfunction by downregulating NADPH oxidases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L429-L441.	2.9	54
76	Mix and match: Investigating heteromeric and heterotypic gap junction channels in model systems and native tissues. FEBS Letters, 2014, 588, 1193-1204.	2.8	114
77	Proinflammatory cytokine-induced tight junction remodeling through dynamic self-assembly of claudins. Molecular Biology of the Cell, 2014, 25, 2710-2719.	2.1	100
78	Alcohol and the Alveolar Epithelium. Respiratory Medicine, 2014, , 83-101.	0.1	1
79	Nicotine Stimulates Nerve Growth Factor in Lung Fibroblasts through an NF κ B-Dependent Mechanism. PLoS ONE, 2014, 9, e109602.	2.5	32
80	Nanostructure-Mediated Transport of Biologics across Epithelial Tissue: Enhancing Permeability via Nanotopography. Nano Letters, 2013, 13, 164-171.	9.1	44
81	Claudin Heterogeneity and Control of Lung Tight Junctions. Annual Review of Physiology, 2013, 75, 551-567.	13.1	116
82	Drowning out communication. Focus on "The human Cx26-D50A and Cx26-A88V mutations causing keratitis-ichthyosis-deafness syndrome display increased hemichannel activity". American Journal of Physiology - Cell Physiology, 2013, 304, C1129-C1130.	4.6	2
83	Activating the Nrf2-mediated antioxidant response element restores barrier function in the alveolar epithelium of HIV-1 transgenic rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L267-L277.	2.9	61
84	Differential pathways of claudin oligomerization and integration into tight junctions. Tissue Barriers, 2013, 1, e24518.	3.2	54
85	Chronic Alcohol Ingestion Increases Mortality and Organ Injury in a Murine Model of Septic Peritonitis. PLoS ONE, 2013, 8, e62792.	2.5	47
86	Zinc supplementation increases expression of transcription factors PU.1, KLF4, and Nrf2 in the lungs of alcohol-fed rats. FASEB Journal, 2013, 27, .	0.5	0
87	Mitochondrial catalase expression protects against hypoxia-induced pulmonary hypertension. FASEB Journal, 2013, 27, 1140.2.	0.5	0
88	S-adenosylmethionine (SAME) improves the oxidative stress-induced lung epithelial barrier dysfunction in HIV-1. FASEB Journal, 2013, 27, 914.7.	0.5	0
89	Impaired airway epithelial barrier function in cystic fibrosis related diabetes. FASEB Journal, 2013, 27, 914.3.	0.5	0
90	Hemin-induced miR-27a Reduces PPAR γ Expression in Sickle Cell Disease with Pulmonary Hypertension. FASEB Journal, 2013, 27, 724.2.	0.5	0

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91	Nadph oxidase regulates alveolar epithelial sodium channel activity and lung fluid balance in vivo via O ₂ ^{•-} signaling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L410-L419.	2.9	42
92	MAPK Phosphorylation of Connexin 43 Promotes Binding of Cyclin E and Smooth Muscle Cell Proliferation. Circulation Research, 2012, 111, 201-211.	4.5	89
93	Claudin-7 in Colonic Intestinal Epithelial Cell Differentiation and IBD. Inflammatory Bowel Diseases, 2012, 18, S97-S98.	1.9	0
94	Cytoplasmic Amino Acids within the Membrane Interface Region Influence Connexin Oligomerization. Journal of Membrane Biology, 2012, 245, 221-230.	2.1	31
95	PPAR β Ligands Regulate NADPH Oxidase, eNOS, and Barrier Function in the Lung Following Chronic Alcohol Ingestion. Alcoholism: Clinical and Experimental Research, 2012, 36, 197-206.	2.4	32
96	Roles for claudins in alveolar epithelial barrier function. Annals of the New York Academy of Sciences, 2012, 1257, 167-174.	3.8	50
97	Increased claudin-5 increases lung epithelial permeability and is associated with disruption of tight junction assembly. FASEB Journal, 2012, 26, 1063.12.	0.5	0
98	Nadph oxidase regulates alveolar epithelial sodium channel (ENaC) activity and lung fluid balance in vivo via O ₂ ^{•-} signaling. FASEB Journal, 2012, 26, 696.4.	0.5	0
99	Spontaneous Lung Dysfunction and Fibrosis in Mice Lacking Connexin 40 and Endothelial Cell Connexin 43. American Journal of Pathology, 2011, 178, 2536-2546.	3.8	42
100	Chronic Alcohol Ingestion Exacerbates Lung Epithelial Barrier Dysfunction in HIV-1 Transgenic Rats. Alcoholism: Clinical and Experimental Research, 2011, 35, 1866-1875.	2.4	42
101	Claudins: Control of Barrier Function and Regulation in Response to Oxidant Stress. Antioxidants and Redox Signaling, 2011, 15, 1179-1193.	5.4	83
102	Differential effects of claudin-3 and claudin-4 on alveolar epithelial barrier function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L40-L49.	2.9	93
103	Biochemical Analysis of Claudin-Binding Compatibility. Methods in Molecular Biology, 2011, 762, 13-26.	0.9	4
104	Specificity of Interaction between Clostridium perfringens Enterotoxin and Claudin-Family Tight Junction Proteins. Toxins, 2010, 2, 1595-1611.	3.4	62
105	A key role for mitochondria in endothelial signaling by plasma cysteine/cystine redox potential. Free Radical Biology and Medicine, 2010, 48, 275-283.	2.9	95
106	PPAR β regulates hypoxia-induced Nox4 expression in human pulmonary artery smooth muscle cells through NF- κ B. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L559-L566.	2.9	131
107	Ubiquitin-independent Proteasomal Degradation of Endoplasmic Reticulum-localized Connexin43 Mediated by CIP75. Journal of Biological Chemistry, 2010, 285, 40979-40990.	3.4	46
108	Keratinocyte growth factor improves alveolar barrier function: keeping claudins in line. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L721-L723.	2.9	6

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109	Rosiglitazone Attenuates Chronic Hypoxia-Induced Pulmonary Hypertension in a Mouse Model. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 482-490.	2.9	176
110	Extracellular Matrix Influences Alveolar Epithelial Claudin Expression and Barrier Function. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 172-180.	2.9	68
111	PECAM-1 Gene Ablation Impairs Endothelium-Dependent Relaxation. FASEB Journal, 2010, 24, 598.2.	0.5	0
112	Cross-Talk Between Pulmonary Injury, Oxidant Stress, and Gap Junctional Communication. Antioxidants and Redox Signaling, 2009, 11, 355-367.	5.4	73
113	ERp29 Restricts Connexin43 Oligomerization in the Endoplasmic Reticulum. Molecular Biology of the Cell, 2009, 20, 2593-2604.	2.1	75
114	Tight junctions, but not too tight: fine control of lung permeability by claudins. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L217-L218.	2.9	25
115	Regulation and roles for claudin-family tight junction proteins. IUBMB Life, 2009, 61, 431-437.	3.4	174
116	HIV-1 transgene expression in rats causes oxidant stress and alveolar epithelial barrier dysfunction. AIDS Research and Therapy, 2009, 6, 1.	1.7	65
117	The Contribution of Epithelial Sodium Channels to Alveolar Function in Health and Disease. Annual Review of Physiology, 2009, 71, 403-423.	13.1	170
118	Control of Lung Epithelial Growth by a Nicotinic Acetylcholine Receptor. American Journal of Pathology, 2009, 175, 1799-1801.	3.8	9
119	A Key Claudin Extracellular Loop Domain is Critical for Epithelial Barrier Integrity. American Journal of Pathology, 2008, 172, 905-915.	3.8	108
120	Identification of rab20 as a Potential Regulator of Connexin43 Trafficking. Cell Communication and Adhesion, 2008, 15, 65-74.	1.0	31
121	The Pulmonary Microcirculation. , 2008, , 712-734.		3
122	Demyelinating and Nondemyelinating Strains of Mouse Hepatitis Virus Differ in Their Neural Cell Tropism. Journal of Virology, 2008, 82, 5519-5526.	3.4	46
123	Vascular oxidative stress and nitric oxide depletion in HIV-1 transgenic rats are reversed by glutathione restoration. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2792-H2804.	3.2	52
124	RhoA activation and actin reorganization involved in endothelial CAM-mediated endocytosis of anti-PECAM carriers: critical role for tyrosine 686 in the cytoplasmic tail of PECAM-1. Blood, 2008, 111, 3024-3033.	1.4	42
125	Oxidant stress modulates PPAR γ expression and activity in vascular endothelial cells. FASEB Journal, 2008, 22, 758.20.	0.5	0
126	Altered vascular function in endothelial-specific peroxisome proliferator-activated receptor gamma (PPAR γ) null mice. FASEB Journal, 2008, 22, 964.29.	0.5	0

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127	Regulation of Heterotypic Claudin Compatibility. Journal of Biological Chemistry, 2007, 282, 30005-30013.	3.4	133
128	JAM-A regulates permeability and inflammation in the intestine in vivo. Journal of Experimental Medicine, 2007, 204, 3067-3076.	8.5	423
129	Chronic alcohol ingestion alters claudin expression in the alveolar epithelium of rats. Alcohol, 2007, 41, 371-379.	1.7	60
130	Endothelial gap junction proteins show type-specific differences in oligomerization. FASEB Journal, 2007, 21, A911.	0.5	0
131	Roles for both extracellular loop domains in regulating heterotypic claudin compatibility. FASEB Journal, 2007, 21, A190.	0.5	0
132	JAM-A regulates permeability and inflammation in the intestine in vivo. Journal of Cell Biology, 2007, 179, i15-i15.	5.2	0
133	JAM-A regulates permeability and inflammation in the intestine in vivo. Journal of Cell Biology, 2007, 179, i14-i14.	5.2	1
134	Claudins—Key Pieces in the Tight Junction Puzzle. Cell Communication and Adhesion, 2006, 13, 127-138.	1.0	64
135	Nanoscale Antioxidant Therapeutics. , 2006, , 1023-1043.		6
136	Pathways and control of connexin oligomerization. Trends in Cell Biology, 2006, 16, 159-166.	7.9	116
137	Control of intracellular trafficking of ICAM-1-targeted nanocarriers by endothelial Na ⁺ /H ⁺ exchanger proteins. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L809-L817.	2.9	66
138	Metabolism of 3-Nitrotyrosine Induces Apoptotic Death in Dopaminergic Cells. Journal of Neuroscience, 2006, 26, 6124-6130.	3.6	58
139	Peroxisome Proliferator-Activated Receptor gamma (PPARgamma) ligand, 15-d-PGJ2, represses pro-inflammatory responses in vascular endothelial cells: The role of nitric oxide. FASEB Journal, 2006, 20, A1165.	0.5	0
140	Alterations in alveolar epithelial tight junctions induced by chronic ethanol ingestion. FASEB Journal, 2006, 20, A751.	0.5	0
141	ICAM-1 recycling in endothelial cells: a novel pathway for sustained intracellular delivery and prolonged effects of drugs. Blood, 2005, 105, 650-658.	1.4	134
142	Alcohol Abuse and Acute Lung Injury: Epidemiology and Pathophysiology of a Recently Recognized Association. Journal of Investigative Medicine, 2005, 53, 235-246.	1.6	66
143	Association with ZO-1 Correlates with Plasma Membrane Partitioning in Truncated Connexin45 Mutants. Journal of Membrane Biology, 2005, 207, 45-53.	2.1	25
144	Angiotensin II mediates glutathione depletion, transforming growth factor- β 1 expression, and epithelial barrier dysfunction in the alcoholic rat lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L363-L370.	2.9	57

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145	Defining a Minimal Motif Required to Prevent Connexin Oligomerization in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2005, 280, 21115-21121.	3.4	47
146	Paracrine stimulation of surfactant secretion by extracellular ATP in response to mechanical deformation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L489-L496.	2.9	75
147	Role of SGK1 in nitric oxide inhibition of ENaC in Na ⁺ -transporting epithelia. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C717-C726.	4.6	61
148	tGolgin-1 (p230, golgin-245) modulates Shiga-toxin transport to the Golgi and Golgi motility towards the microtubule-organizing centre. <i>Journal of Cell Science</i> , 2005, 118, 2279-2293.	2.0	86
149	Regulation of Connexin43 Oligomerization is Saturable. <i>Cell Communication and Adhesion</i> , 2005, 12, 237-247.	1.0	16
150	Autologous Apoptotic Cell Engulfment Stimulates Chemokine Secretion by Vascular Smooth Muscle Cells. <i>American Journal of Pathology</i> , 2005, 167, 345-353.	3.8	23
151	The Measurement of Nitric Oxide Production by Cultured Endothelial Cells. <i>Methods in Enzymology</i> , 2005, 396, 502-514.	1.0	14
152	Cell-cell interactions in regulating lung function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L455-L459.	2.9	38
153	Gap junctional communication modulates agonist-induced calcium oscillations in transfected HeLa cells. <i>Journal of Cell Science</i> , 2004, 117, 881-887.	2.0	26
154	Developmental regulation of claudin localization by fetal alveolar epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L1266-L1273.	2.9	81
155	Endothelial Endocytic Pathways: Gates for Vascular Drug Delivery. <i>Current Vascular Pharmacology</i> , 2004, 2, 281-299.	1.7	104
156	Differential Oligomerization of Endoplasmic Reticulum-Retained Connexin43/Connexin32 Chimeras. <i>Cell Communication and Adhesion</i> , 2003, 10, 319-322.	1.0	14
157	Slow intracellular trafficking of catalase nanoparticles targeted to ICAM-1 protects endothelial cells from oxidative stress. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 285, C1339-C1347.	4.6	142
158	A novel endocytic pathway induced by clustering endothelial ICAM-1 or PECAM-1. <i>Journal of Cell Science</i> , 2003, 116, 1599-1609.	2.0	278
159	Heterogeneity of Claudin Expression by Alveolar Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 62-70.	2.9	140
160	Differential Oligomerization of Endoplasmic Reticulum-Retained Connexin43/Connexin32 Chimeras. <i>Cell Communication and Adhesion</i> , 2003, 10, 319-322.	1.0	0
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