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List of Publications by Year
in descending order

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42 papers	1,426 citations	361045 20 h-index	329751 37 g-index
42 all docs	42 docs citations	42 times ranked	1955 citing authors

#	Article	IF	Citations
1	Molecular determinants of endothelial transcytosis and their role in endothelial permeability. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L823-L842.	1.3	157
2	Constitutive eNOS-derived nitric oxide is a determinant of endothelial junctional integrity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L371-L381.	1.3	129
3	siRNA-induced caveolin-1 knockdown in mice increases lung vascular permeability via the junctional pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L405-L413.	1.3	129
4	Intersectin Regulates Fission and Internalization of Caveolae in Endothelial Cells. Molecular Biology of the Cell, 2003, 14, 4997-5010.	0.9	95
5	Tiam1 and Rac1 Are Required for Platelet-activating Factor-induced Endothelial Junctional Disassembly and Increase in Vascular Permeability. Journal of Biological Chemistry, 2009, 284, 5381-5394.	1.6	89
6	Endothelial Transcytotic Machinery Involves Supramolecular Proteinâ€“Lipid Complexes. Molecular Biology of the Cell, 2001, 12, 1019-1033.	0.9	82
7	Cholesterol-dependent Syntaxin-4 and SNAP-23 Clustering Regulates Caveolar Fusion with the Endothelial Plasma Membrane. Journal of Biological Chemistry, 2005, 280, 37130-37138.	1.6	78
8	Mesenchymal stem cellsâ€derived extracellular vesicles in acute respiratory distress syndrome: a review of current literature and potential future treatment options. Clinical and Translational Medicine, 2019, 8, 25.	1.7	66
9	Transport of nitrated albumin across continuous vascular endothelium. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13932-13937.	3.3	57
10	Intersectin-1s Regulates the Mitochondrial Apoptotic Pathway in Endothelial Cells. Journal of Biological Chemistry, 2007, 282, 17166-17178.	1.6	53
11	Intersectin-2L Regulates Caveola Endocytosis Secondary to Cdc42-mediated Actin Polymerization. Journal of Biological Chemistry, 2009, 284, 25953-25961.	1.6	51
12	Conditional deletion of FAK in mice endothelium disrupts lung vascular barrier function due to destabilization of RhoA and Rac1 activities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L291-L300.	1.3	47
13	A Novel p38 Mitogen-activated Protein Kinase/Elk-1 Transcription Factor-dependent Molecular Mechanism Underlying Abnormal Endothelial Cell Proliferation in Plexogenic Pulmonary Arterial Hypertension. Journal of Biological Chemistry, 2013, 288, 25701-25716.	1.6	32
14	Rac1-mediated cytoskeleton rearrangements induced by intersectin-1s deficiency promotes lung cancer cell proliferation, migration and metastasis. Molecular Cancer, 2016, 15, 59.	7.9	29
15	Alk5/Runx1 signaling mediated by extracellular vesicles promotes vascular repair in acute respiratory distress syndrome. Clinical and Translational Medicine, 2018, 7, 19.	1.7	28
16	GÎ±12 Interaction with Î±SNAP Induces VE-cadherin Localization at Endothelial Junctions and Regulates Barrier Function. Journal of Biological Chemistry, 2005, 280, 30376-30383.	1.6	27
17	A Novel Lysophospholipid- and pH-Sensitive Receptor, GPR4, in Brain Endothelial Cells Regulates Monocyte Transmigration. Endothelium: Journal of Endothelial Cell Research, 2007, 14, 25-34.	1.7	24
18	Plexiform Arteriopathy in Rodent Models of Pulmonary Arterial Hypertension. American Journal of Pathology, 2019, 189, 1133-1144.	1.9	24

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19	Impaired Caveolae Function and Upregulation of Alternative Endocytic Pathways Induced by Experimental Modulation of Intersectin-1s Expression in Mouse Lung Endothelium. Biochemistry Research International, 2012, 2012, 1-14.	1.5	22
20	Platelet Activating Factor-Induced Ceramide Micro-Domains Drive Endothelial NOS Activation and Contribute to Barrier Dysfunction. PLoS ONE, 2013, 8, e75846.	1.1	21
21	Regulation of dynamin-2 assembly-disassembly and function through the SH3A domain of intersectin-1s. Journal of Cellular and Molecular Medicine, 2011, 15, 2364-2376.	1.6	20
22	In vivo knockdown of intersectin-1s alters endothelial cell phenotype and causes microvascular remodeling in the mouse lungs. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 57-76.	2.2	19
23	Scavenger receptor class B, type I-mediated uptake of A1AT by pulmonary endothelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L425-L434.	1.3	19
24	Stress Chaperone GRP-78 Functions in Mineralized Matrix Formation. Journal of Biological Chemistry, 2011, 286, 8729-8739.	1.6	18
25	Sex differences in the proliferation of pulmonary artery endothelial cells: implications for plexiform arteriopathy. Journal of Cell Science, 2020, 133, .	1.2	15
26	Pro-inflammatory endothelial cell dysfunction is associated with intersectin-1s down-regulation. Respiratory Research, 2011, 12, 46.	1.4	14
27	Endocytic deficiency induced by intersectin-1s knockdown alters the Smad2/3-Erk1/2 signaling balance downstream of Alk5. Journal of Cell Science, 2015, 128, 1528-41.	1.2	14
28	Modulation of Intersectin-1s Lung Expression Induces Obliterative Remodeling and Severe Plexiform Arteriopathy in the Murine Pulmonary Vascular Bed. American Journal of Pathology, 2017, 187, 528-542.	1.9	12
29	Up-Regulation of the Long Noncoding RNA X-Inactiveâ€“Specific Transcript and the Sex Bias in Pulmonary Arterial Hypertension. American Journal of Pathology, 2021, 191, 1135-1150.	1.9	11
30	Mouse Lung Fibroblast Resistance to Fas-Mediated Apoptosis Is Dependent on the Baculoviral Inhibitor of Apoptosis Protein 4 and the Cellular FLICE-Inhibitory Protein. Frontiers in Physiology, 2017, 8, 128.	1.3	10
31	Intersectinâ€1s: An Important Regulator of Cellular and Molecular Pathways in Lung Injury. Pulmonary Circulation, 2013, 3, 478-498.	0.8	8
32	Long-term Silencing of Intersectin-1s in Mouse Lungs by Repeated Delivery of a Specific siRNA via Cationic Liposomes. Evaluation of Knockdown Effects by Electron Microscopy. Journal of Visualized Experiments, 2013, , .	0.2	5
33	Intersectin-1s deficiency in pulmonary pathogenesis. Respiratory Research, 2017, 18, 168.	1.4	5
34	New insights into the functions of intersectin-1s. Communicative and Integrative Biology, 2015, 8, e1034400.	0.6	4
35	Epsin15 Homology Domains: Role in the Pathogenesis of Pulmonary Arterial Hypertension. Frontiers in Physiology, 2018, 9, 1393.	1.3	4
36	The Impact of Sex Chromosomes in the Sexual Dimorphism of Pulmonary Arterial Hypertension. American Journal of Pathology, 2022, 192, 582-594.	1.9	4

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37	Abstract 3264: Downregulation of intersectin-1s in human lung cancer may contribute to tumorigenesis. Cancer Research, 2012, 72, 3264-3264.	0.4	2
38	Morphological And Biochemical Alterations Of Caveolin Deficient Fibroblasts During Fasl-Induced Apoptosis. , 2011, , .		1
39	Caveolin 2 Knockout Mice A Better Model For Pulmonary Fibrosis. , 2012, , .		1
40	A novel p38 mitogen-activated protein kinase/Elk-1 transcription factor-dependent molecular mechanism underlying abnormal endothelial cell proliferation in plexogenic pulmonary arterial hypertension.. Journal of Biological Chemistry, 2013, 288, 36855.	1.6	0
41	Intersectin Regulates Endothelial Cell Junction Integrity. FASEB Journal, 2006, 20, A752.	0.2	0
42	LncRNA Xist Participates in Signaling Pathways Related to Pulmonary Arterial Hypertension and its Comorbidities. FASEB Journal, 2022, 36, .	0.2	0