

# Troy Stevens

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

4,336  
citations

42  
h-index

64  
g-index

140  
ext. papers

4,764  
ext. citations

4.2  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
127	Cytotoxic tau released from lung microvascular endothelial cells upon infection with <i>Pseudomonas aeruginosa</i> promotes neuronal tauopathy.. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 298, 101482	5.4	1
126	Impact of Na <sup>+</sup> permeation on collective migration of pulmonary arterial endothelial cells. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250095	3.7	2
125	Carbonic Anhydrase IX and Hypoxia Promote Rat Pulmonary Endothelial Cell Survival during Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 65, 630-645	5.7	0
124	Endothelial metabolism in pulmonary vascular homeostasis and acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 321, L358-L376	5.8	1
123	Pneumonia initiates a tauopathy. <i>FASEB Journal</i> , <b>2021</b> , 35, e21807	0.9	4
122	Virulent <i>Pseudomonas aeruginosa</i> infection converts antimicrobial amyloids into cytotoxic prions. <i>FASEB Journal</i> , <b>2020</b> , 34, 9156-9179	0.9	11
121	Biventricular diastolic dysfunction, thrombocytopenia, and red blood cell macrocytosis in experimental pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2020</b> , 10, 2045894020908787	2.7	4
120	Pneumonia-induced endothelial amyloids reduce dendritic spine density in brain neurons. <i>Scientific Reports</i> , <b>2020</b> , 10, 9327	4.9	3
119	Exoenzyme Y Contributes to End-Organ Dysfunction Caused by Pneumonia in Critically Ill Patients: An Exploratory Study. <i>Toxins</i> , <b>2020</b> , 12,	4.9	9
118	A cancer amidst us: the plexiform lesion in pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 318, L1142-L1144	5.8	1
117	KD025 Shifts Pulmonary Endothelial Cell Bioenergetics and Decreases Baseline Lung Permeability. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 63, 519-530	5.7	3
116	Development of an endothelial cell-restricted transgenic reporter rat: a resource for physiological studies of vascular biology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 319, H349-H358	5.2	4
115	Exoenzyme Y induces extracellular active caspase-7 accumulation independent from apoptosis: modulation of transmissible cytotoxicity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 319, L380-L390	5.8	6
114	β-Tocopherol Attenuates the Severity of -induced Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 63, 234-243	5.7	6
113	Unleashing shear: Role of intercellular traction and cellular moments in collective cell migration. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 522, 279-285	3.4	4
112	Cystatin C regulates the cytotoxicity of infection-induced endothelial-derived β-amyloid. <i>FEBS Open Bio</i> , <b>2020</b> , 10, 2464-2477	2.7	1
111	Mechanical signaling in a pulmonary microvascular endothelial cell monolayer. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 519, 337-343	3.4	2

110	Infection-induced endothelial amyloids impair memory. <i>FASEB Journal</i> , <b>2019</b> , 33, 10300-10314	0.9	8
109	Extrinsic acidosis suppresses glycolysis and migration while increasing network formation in pulmonary microvascular endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2019</b> , 317, L188-L201	5.8	12
108	Resolving tractions across cell-cell adhesion reveals the role of intercellular shear in plithotaxis. <i>FASEB Journal</i> , <b>2019</b> , 33, lb593	0.9	
107	Carbonic anhydrase IX is a critical determinant of pulmonary microvascular endothelial cell pH regulation and angiogenesis during acidosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 315, L41-L51	5.8	10
106	Methods for Detecting Cytotoxic Amyloids Following Infection of Pulmonary Endothelial Cells by <i>Pseudomonas aeruginosa</i> . <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	5
105	The role of endothelial leak in pulmonary hypertension (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , <b>2018</b> , 8, 2045894018798569	2.7	3
104	Pulmonary vascular dysfunction secondary to pulmonary arterial hypertension: insights gained through retrograde perfusion. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 314, L835-L845	5.8	7
103	Nosocomial Pneumonia Elicits an Endothelial Proteinopathy: Evidence for a Source of Neurotoxic Amyloids in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1575-1578	10.2	10
102	infection liberates transmissible, cytotoxic prion amyloids. <i>FASEB Journal</i> , <b>2017</b> , 31, 2785-2796	0.9	18
101	Single cell cloning generates lung endothelial colonies with conserved growth, angiogenic, and bioenergetic characteristics. <i>Pulmonary Circulation</i> , <b>2017</b> , 7, 777-792	2.7	13
100	The <i>Pseudomonas aeruginosa</i> Exoenzyme Y: A Promiscuous Nucleotidyl Cyclase Edema Factor and Virulence Determinant. <i>Handbook of Experimental Pharmacology</i> , <b>2017</b> , 238, 67-85	3.2	17
99	Transient Receptor Potential Channel 4 Encodes a Vascular Permeability Defect and High-Frequency Ca(2+) Transients in Severe Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 1701-9	5.8	14
98	<i>Pseudomonas aeruginosa</i> exoenzymes U and Y induce a transmissible endothelial proteinopathy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 310, L337-53	5.8	25
97	Endothelial hyperpermeability in severe pulmonary arterial hypertension: role of store-operated calcium entry. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 311, L560-9	5.8	24
96	Transmembrane proteoglycans control stretch-activated channels to set cytosolic calcium levels. <i>Journal of Cell Biology</i> , <b>2015</b> , 210, 1199-211	7.3	61
95	Sodium entry through endothelial store-operated calcium entry channels: regulation by Orai1. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 308, C277-88	5.4	20
94	Lung Endothelium. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , <b>2015</b> , 7, 1-66		2
93	Rho-kinase Mediates Biventricular Coronary Arterial Remodeling During Pulmonary Arterial Hypertension in Fischer 344 Rats. <i>FASEB Journal</i> , <b>2015</b> , 29, 953.1	0.9	

92	The <i>Pseudomonas aeruginosa</i> exoenzyme Y impairs endothelial cell proliferation and vascular repair following lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2014</b> , 306, L915-24	5.8	52
91	A unique pulmonary microvascular endothelial cell niche revealed by Weibel-Palade bodies and <i>Griffonia simplicifolia</i> . <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 110-5	2.7	14
90	TRPC4 inactivation confers a survival benefit in severe pulmonary arterial hypertension. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 1779-1788	5.8	31
89	<i>Pseudomonas aeruginosa</i> exotoxin Y-mediated tau hyperphosphorylation impairs microtubule assembly in pulmonary microvascular endothelial cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e74343	3.7	34
88	Lactate dehydrogenase a expression is necessary to sustain rapid angiogenesis of pulmonary microvascular endothelium. <i>PLoS ONE</i> , <b>2013</b> , 8, e75984	3.7	24
87	Orai1 determines calcium selectivity of an endogenous TRPC heterotetramer channel. <i>Circulation Research</i> , <b>2012</b> , 110, 1435-44	15.7	59
86	Studies on the cell biology of interendothelial cell gaps. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 302, L275-86	5.8	41
85	Human pulmonary microvascular endothelial cells support productive replication of highly pathogenic avian influenza viruses: possible involvement in the pathogenesis of human H5N1 virus infection. <i>Journal of Virology</i> , <b>2012</b> , 86, 667-78	6.6	69
84	<i>Pseudomonas aeruginosa</i> exotoxin Y is a promiscuous cyclase that increases endothelial tau phosphorylation and permeability. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 25407-18	5.4	68
83	Functional and molecular heterogeneity of pulmonary endothelial cells. <i>Proceedings of the American Thoracic Society</i> , <b>2011</b> , 8, 453-7		65
82	Cold exposure reveals two populations of microtubules in pulmonary endothelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 300, L132-8	5.8	23
81	Filamin A is a phosphorylation target of membrane but not cytosolic adenylyl cyclase activity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 301, L117-24	5.8	31
80	Critical role for lactate dehydrogenase A in aerobic glycolysis that sustains pulmonary microvascular endothelial cell proliferation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2010</b> , 299, L513-22	5.8	107
79	Strategic plan for lung vascular research: An NHLBI-ORDR Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 182, 1554-62	10.2	59
78	New developments in lung endothelial heterogeneity: Von Willebrand factor, P-selectin, and the Weibel-Palade body. <i>Seminars in Thrombosis and Hemostasis</i> , <b>2010</b> , 36, 301-8	5.3	46
77	Perivascular fluid cuffs decrease lung compliance by increasing tissue resistance. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1458-66	1.4	40
76	Store-operated calcium entry channels in pulmonary endothelium: the emerging story of TRPCS and Orai1. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 661, 137-54	3.6	33
75	Pulmonary vein endothelial cells (PVECs) exhibit characteristics of multiple lung endothelial cell phenotypes. <i>FASEB Journal</i> , <b>2010</b> , 24, 797.13	0.9	

74	Soluble adenylyl cyclase-dependent microtubule disassembly reveals a novel mechanism of endothelial cell retraction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L73-83	5.8	27
73	The actin cytoskeleton in endothelial cell phenotypes. <i>Microvascular Research</i> , <b>2009</b> , 77, 53-63	3.7	192
72	Development and pathology of pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, S3-S9	15.1	205
71	TRPping on the lung endothelium: calcium channels that regulate barrier function. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 765-76	8.4	58
70	Selective targeting of cAMP signaling components and adhesion molecules to caveolin-enriched fractions of pulmonary microvascular endothelial cells (PMVECs). <i>FASEB Journal</i> , <b>2009</b> , 23, 815.3	0.9	
69	Efficient combinatorial approach to isolating rat pulmonary endothelial cell phenotypes. <i>FASEB Journal</i> , <b>2009</b> , 23, 1024.3	0.9	
68	<i>P. aeruginosa</i> ExoY Increases Lung Endothelial Permeability with a Concomitant Decrease in Lung Vascular Compliance. <i>FASEB Journal</i> , <b>2009</b> , 23, 1024.11	0.9	
67	<i>P. aeruginosa</i> ExoY Disrupts Microtubules and Induces Endothelial Cell Gap Formation. <i>FASEB Journal</i> , <b>2009</b> , 23, 964.10	0.9	
66	Essential role of lactate in controlling the rapid proliferation of pulmonary microvascular endothelial cells. <i>FASEB Journal</i> , <b>2009</b> , 23, 1024.12	0.9	
65	The Isoc Channel is a Critical Determinant of Interendothelial Gap Formation. <i>FASEB Journal</i> , <b>2009</b> , 23, 964.7	0.9	
64	Subunit stoichiometry of the endogenous endothelial ISOC channel in the pulmonary microcirculation. <i>FASEB Journal</i> , <b>2009</b> , 23, 964.12	0.9	1
63	Orai1 interacts with the endogenous endothelial ISOC channel both constitutively and dynamically. <i>FASEB Journal</i> , <b>2009</b> , 23, 964.11	0.9	
62	Heterogeneity of barrier function in the lung reflects diversity in endothelial cell junctions. <i>Microvascular Research</i> , <b>2008</b> , 75, 391-402	3.7	50
61	Spectrin-anchored phosphodiesterase 4D4 restricts cAMP from disrupting microtubules and inducing endothelial cell gap formation. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 110-9	5.3	41
60	The cancer paradigm of severe pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2008</b> , 178, 558-64	10.2	189
59	Lung vascular cell heterogeneity: endothelium, smooth muscle, and fibroblasts. <i>Proceedings of the American Thoracic Society</i> , <b>2008</b> , 5, 783-91		72
58	Apical secretion of collagen II from endothelial cells precedes blood vessel formation during postnatal vasculogenesis. <i>FASEB Journal</i> , <b>2008</b> , 22, 1178.13	0.9	
57	The pulmonary microvascular endothelial cell glycocalyx includes sialic acid important for endothelial barrier function. <i>FASEB Journal</i> , <b>2008</b> , 22, 1178.15	0.9	

56	Mitochondrial Role in Store-Operated Calcium Entry. <i>FASEB Journal</i> , <b>2008</b> , 22, 964.25	0.9	
55	exoY increases <i>Pseudomonas aeruginosa</i> virulence. <i>FASEB Journal</i> , <b>2008</b> , 22, 928.6	0.9	1
54	Resolution of the subunit stoichiometry of the endogenous endothelial ISOC channel. <i>FASEB Journal</i> , <b>2008</b> , 22, 1178.16	0.9	
53	Calcium phosphate complexation in ISOC channel inactivation. <i>FASEB Journal</i> , <b>2008</b> , 22, 1178.17	0.9	
52	Bicarbonate Regulation of Intracellular cAMP in Pulmonary Endothelial Cells. <i>FASEB Journal</i> , <b>2008</b> , 22, 1178.14	0.9	
51	Activation of Store-Operated Calcium Entry Channels Stably Increases Membrane-Localized Calcium. <i>FASEB Journal</i> , <b>2008</b> , 22, 964.27	0.9	
50	Microtubule motors regulate ISOC activation necessary to increase endothelial cell permeability. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 34801-8	5.4	29
49	Phenotypic heterogeneity in lung capillary and extra-alveolar endothelial cells. Increased extra-alveolar endothelial permeability is sufficient to decrease compliance. <i>Journal of Surgical Research</i> , <b>2007</b> , 143, 70-7	2.5	37
48	Subunit stoichiometry of the endothelial ISOC channel. <i>FASEB Journal</i> , <b>2007</b> , 21, A1432	0.9	
47	Adenylyl cyclase 5/6 colocalizes with TRPC4 and cell adhesion molecules to caveolin-enriched fractions of pulmonary microvascular endothelial cells (PMVECs). <i>FASEB Journal</i> , <b>2007</b> , 21, A1431	0.9	
46	Cyclic AMP Phosphodiesterase 4D4 Expression in Lung Endothelium is a Determinant of Cell Phenotype. <i>FASEB Journal</i> , <b>2007</b> , 21, A1433	0.9	
45	Adenosine Monophosphate Kinase (AMPK) Expression in the Normoxic and Hypoxic Lung. <i>FASEB Journal</i> , <b>2007</b> , 21, A1436	0.9	
44	On resolving the molecular identity of the endothelial cell nucleosome assembly protein. <i>FASEB Journal</i> , <b>2007</b> , 21, A1433	0.9	2
43	Increased extra-alveolar vessel permeability decreases dynamic compliance in intubated rats. <i>FASEB Journal</i> , <b>2007</b> , 21, A557	0.9	
42	Soluble adenylyl cyclase reveals the significance of cAMP compartmentation on pulmonary microvascular endothelial cell barrier. <i>Circulation Research</i> , <b>2006</b> , 98, 675-81	15.7	88
41	Downregulation of endothelin-1 by farnesoid X receptor in vascular endothelial cells. <i>Circulation Research</i> , <b>2006</b> , 98, 192-9	15.7	107
40	Hydraulic conductance of pulmonary microvascular and macrovascular endothelial cell monolayers. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2006</b> , 291, L30-7	5.8	65
39	Activated leukocyte cell adhesion molecule is a component of the endothelial junction involved in transendothelial monocyte migration. <i>FEBS Letters</i> , <b>2006</b> , 580, 2637-45	3.8	88

38	Cell-surface protein disulfide isomerase is required for transnitrosation of metallothionein by S-nitroso-albumin in intact rat pulmonary vascular endothelial cells. <i>Experimental Biology and Medicine</i> , <b>2006</b> , 231, 1507-15	3.7	20
37	Regulation of endothelial cell barrier function by store-operated calcium entry. <i>Microcirculation</i> , <b>2006</b> , 13, 709-23	2.9	57
36	Control of Store Operated Calcium Entry by the Spectrin Membrane Skeleton. <i>FASEB Journal</i> , <b>2006</b> , 20, A869	0.9	
35	Association of cAMP phosphodiesterase with microtubule binding proteins in pulmonary endothelium: the PKA-mediated phosphorylation of Tau and MAP4. <i>FASEB Journal</i> , <b>2006</b> , 20, A1164	0.9	
34	Disruption of spectrin-f-actin binding is sufficient to induce inter-endothelial gaps. <i>FASEB Journal</i> , <b>2006</b> , 20, A748	0.9	
33	Disruption of the proline rich region/protein 4.1 binding domain on the endothelial Isoc channel inhibits intercellular gap formation. <i>FASEB Journal</i> , <b>2006</b> , 20, A748	0.9	
32	Chapter 5 Adenylyl cyclase and CAMP regulation of the endothelial barrier. <i>Advances in Molecular and Cell Biology</i> , <b>2005</b> , 35, 139-164		2
31	The extracellular matrix microenvironment specifies pulmonary endothelial cell identity: roles of tenascin-C and RhoA. <i>Chest</i> , <b>2005</b> , 128, 564S	5.3	10
30	Chapter 10 Heterogeneity of lung endothelial cells. <i>Advances in Molecular and Cell Biology</i> , <b>2005</b> , 35, 277-310		0
29	Activation of the endothelial store-operated ISOC Ca <sup>2+</sup> channel requires interaction of protein 4.1 with TRPC4. <i>Circulation Research</i> , <b>2005</b> , 97, 1164-72	15.7	90
28	Essential role of a Ca <sup>2+</sup> -selective, store-operated current (ISOC) in endothelial cell permeability: determinants of the vascular leak site. <i>Circulation Research</i> , <b>2005</b> , 96, 856-63	15.7	67
27	Molecular and cellular determinants of lung endothelial cell heterogeneity. <i>Chest</i> , <b>2005</b> , 128, 558S-564S	5.3	47
26	Heterogeneity of Endothelial Sheet Migration: Role in Angiogenic Plasticity.. <i>Blood</i> , <b>2005</b> , 106, 3692-3692	2.2	
25	Paradoxical cAMP-induced lung endothelial hyperpermeability revealed by Pseudomonas aeruginosa ExoY. <i>Circulation Research</i> , <b>2004</b> , 95, 196-203	15.7	91
24	Paired-related homeobox gene Prx1 is required for pulmonary vascular development. <i>Circulation Research</i> , <b>2004</b> , 94, 1507-14	15.7	67
23	Stat3 activity is required for centrosome duplication in chinese hamster ovary cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 41801-6	5.4	19
22	Structural and functional characteristics of lung macro- and microvascular endothelial cell phenotypes. <i>Microvascular Research</i> , <b>2004</b> , 67, 139-51	3.7	207
21	On lung endothelial cell heterogeneity. <i>Microvascular Research</i> , <b>2004</b> , 68, 1-12	3.7	102

20	Cav3.1 (alpha1G) T-type Ca <sup>2+</sup> channels mediate vaso-occlusion of sickled erythrocytes in lung microcirculation. <i>Circulation Research</i> , <b>2003</b> , 93, 346-53	15.7	75
19	Coordinate regulation of membrane cAMP by Ca <sup>2+</sup> -inhibited adenylyl cyclase and phosphodiesterase activities. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2003</b> , 284, L100-7	5.8	48
18	On the endothelial cell I(SOC). <i>Cell Calcium</i> , <b>2003</b> , 33, 323-36	4	70
17	Putative role for a myosin motor in store-operated calcium entry. <i>Cell Biochemistry and Biophysics</i> , <b>2002</b> , 37, 53-70	3.2	7
16	Dominant regulation of interendothelial cell gap formation by calcium-inhibited type 6 adenylyl cyclase. <i>Journal of Cell Biology</i> , <b>2002</b> , 157, 1267-78	7.3	87
15	Lung microvascular and arterial endothelial cells differ in their responses to intercellular adhesion molecule-1 ligation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 872-7	10.2	60
14	Essential control of an endothelial cell ISOC by the spectrin membrane skeleton. <i>Journal of Cell Biology</i> , <b>2001</b> , 154, 1225-33	7.3	62
13	A view through the clouds of imprinting. <i>FASEB Journal</i> , <b>2001</b> , 15, 1677	0.9	88
12	Mechanisms regulating endothelial cell barrier function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 279, L419-22	5.8	184
11	Receptor-dependent activation of store-operated calcium entry increases endothelial cell permeability. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2000</b> , 279, L691-8	5.8	33
10	Cyclic nucleotide-gated channels mediate membrane depolarization following activation of store-operated calcium entry in endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 18887-96	5.4	48
9	Control of cAMP in lung endothelial cell phenotypes. Implications for control of barrier function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1999</b> , 277, L119-26	5.8	63
8	Segmental regulation of pulmonary vascular permeability by store-operated Ca <sup>2+</sup> entry. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1999</b> , 276, L41-50	5.8	56
7	Ca <sup>2+</sup> dependence of mechanical injury to lung capillaries. <i>Journal of Applied Physiology</i> , <b>1999</b> , 86, 775-6	3.7	3
6	Regulation of pulmonary endothelial cell shape by Trp-mediated calcium entry. <i>Chest</i> , <b>1998</b> , 114, 36S-38S	5.3	7
5	Signal transduction and regulation of lung endothelial cell permeability. Interaction between calcium and cAMP. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1998</b> , 275, L203-22	5.8	85
4	Store-operated calcium entry promotes shape change in pulmonary endothelial cells expressing Trp1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1998</b> , 275, L574-82	5.8	74
3	The Effect of Hypoxia on Endothelial Cell Function. <i>Endothelium: Journal of Endothelial Cell Research</i> , <b>1995</b> , 3, 1-11		13

2 Pulmonary function and hypoxic ventilatory response in subjects susceptible to high-altitude pulmonary edema. *Chest*, **1993**, 103, 111-6 53 50

1 Lung Endothelial Phenotypes: Insights Derived from the Systematic Study of Calcium Channels 129-142