

Sanda A Predescu

List of Publications by Citations

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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.

38

papers

1,266

citations

18

h-index

35

g-index

42

ext. papers

1,418

ext. citations

5.7

avg, IF

4.18

L-index

#	Paper	IF	Citations
38	Molecular determinants of endothelial transcytosis and their role in endothelial permeability. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L823-42	5.8	134
37	siRNA-induced caveolin-1 knockdown in mice increases lung vascular permeability via the junctional pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 290, L405-13	5.8	116
36	Constitutive eNOS-derived nitric oxide is a determinant of endothelial junctional integrity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 289, L371-81	5.8	110
35	Intersectin regulates fission and internalization of caveolae in endothelial cells. <i>Molecular Biology of the Cell</i> , 2003 , 14, 4997-5010	3.5	84
34	A novel p38 mitogen-activated protein kinase/Elk-1 transcription factor-dependent molecular mechanism underlying abnormal endothelial cell proliferation in plexogenic pulmonary arterial hypertension.. <i>Journal of Biological Chemistry</i> , 2013 , 288, 36855	5.4	78
33	Endothelial transcytotic machinery involves supramolecular protein-lipid complexes. <i>Molecular Biology of the Cell</i> , 2001 , 12, 1019-33	3.5	76
32	Tiam1 and Rac1 are required for platelet-activating factor-induced endothelial junctional disassembly and increase in vascular permeability. <i>Journal of Biological Chemistry</i> , 2009 , 284, 5381-94	5.4	75
31	Cholesterol-dependent syntaxin-4 and SNAP-23 clustering regulates caveolar fusion with the endothelial plasma membrane. <i>Journal of Biological Chemistry</i> , 2005 , 280, 37130-8	5.4	68
30	Transport of nitrated albumin across continuous vascular endothelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13932-7	11.5	50
29	Mesenchymal stem cells-derived extracellular vesicles in acute respiratory distress syndrome: a review of current literature and potential future treatment options. <i>Clinical and Translational Medicine</i> , 2019 , 8, 25	5.7	49
28	Intersectin-1s regulates the mitochondrial apoptotic pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , 2007 , 282, 17166-78	5.4	47
27	Intersectin-2L regulates caveola endocytosis secondary to Cdc42-mediated actin polymerization. <i>Journal of Biological Chemistry</i> , 2009 , 284, 25953-61	5.4	46
26	Conditional deletion of FAK in mice endothelium disrupts lung vascular barrier function due to destabilization of RhoA and Rac1 activities. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 305, L291-300	5.8	39
25	A novel p38 mitogen-activated protein kinase/Elk-1 transcription factor-dependent molecular mechanism underlying abnormal endothelial cell proliferation in plexogenic pulmonary arterial hypertension. <i>Journal of Biological Chemistry</i> , 2013 , 288, 25701-25716	5.4	25
24	G alpha12 interaction with alphaSNAP induces VE-cadherin localization at endothelial junctions and regulates barrier function. <i>Journal of Biological Chemistry</i> , 2005 , 280, 30376-83	5.4	25
23	Rac1-mediated cytoskeleton rearrangements induced by intersectin-1s deficiency promotes lung cancer cell proliferation, migration and metastasis. <i>Molecular Cancer</i> , 2016 , 15, 59	42.1	23
22	In vivo knockdown of intersectin-1s alters endothelial cell phenotype and causes microvascular remodeling in the mouse lungs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013 , 18, 57-76	5.4	18

21	Stress chaperone GRP-78 functions in mineralized matrix formation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 8729-39	5.4	18
20	Impaired caveolae function and upregulation of alternative endocytic pathways induced by experimental modulation of intersectin-1s expression in mouse lung endothelium. <i>Biochemistry Research International</i> , 2012 , 2012, 672705	2.4	18
19	A novel lysophospholipid- and pH-sensitive receptor, GPR4, in brain endothelial cells regulates monocyte transmigration. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2007 , 14, 25-34		18
18	Alk5/Runx1 signaling mediated by extracellular vesicles promotes vascular repair in acute respiratory distress syndrome. <i>Clinical and Translational Medicine</i> , 2018 , 7, 19	5.7	18
17	Regulation of dynamin-2 assembly-disassembly and function through the SH3A domain of intersectin-1s. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2364-76	5.6	17
16	Scavenger receptor class B, type I-mediated uptake of A1AT by pulmonary endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L425-34	5.8	16
15	Platelet activating factor-induced ceramide micro-domains drive endothelial NOS activation and contribute to barrier dysfunction. <i>PLoS ONE</i> , 2013 , 8, e75846	3.7	15
14	Pro-inflammatory endothelial cell dysfunction is associated with intersectin-1s down-regulation. <i>Respiratory Research</i> , 2011 , 12, 46	7.3	14
13	Endocytic deficiency induced by ITSN-1s knockdown alters the Smad2/3-Erk1/2 signaling balance downstream of Alk5. <i>Journal of Cell Science</i> , 2015 , 128, 1528-41	5.3	12
12	Plexiform Arteriopathy in Rodent Models of Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , 2019 , 189, 1133-1144	5.8	11
11	Modulation of Intersectin-1s Lung Expression Induces Obliterative Remodeling and Severe Plexiform Arteriopathy in the Murine Pulmonary Vascular Bed. <i>American Journal of Pathology</i> , 2017 , 187, 528-542	5.8	7
10	Sex differences in the proliferation of pulmonary artery endothelial cells: implications for plexiform arteriopathy. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	7
9	Mouse Lung Fibroblast Resistance to Fas-Mediated Apoptosis Is Dependent on the Baculoviral Inhibitor of Apoptosis Protein 4 and the Cellular FLICE-Inhibitory Protein. <i>Frontiers in Physiology</i> , 2017 , 8, 128	4.6	6
8	Intersectin-1s: an important regulator of cellular and molecular pathways in lung injury. <i>Pulmonary Circulation</i> , 2013 , 3, 478-98	2.7	6
7	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. <i>Journal of Visualized Experiments</i> , 2013 ,	1.6	5
6	Intersectin-1s deficiency in pulmonary pathogenesis. <i>Respiratory Research</i> , 2017 , 18, 168	7.3	3
5	New insights into the functions of intersectin-1s. <i>Communicative and Integrative Biology</i> , 2015 , 8, e1034409		3
4	Up-Regulation of the Long Noncoding RNA X-Inactive-Specific Transcript and the Sex Bias in Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , 2021 , 191, 1135-1150	5.8	3

3	Abstract 3264: Downregulation of intersectin-1s in human lung cancer may contribute to tumorigenesis 2012 ,		2
2	Epsin15 Homology Domains: Role in the Pathogenesis of Pulmonary Arterial Hypertension. <i>Frontiers in Physiology</i> , 2018 , 9, 1393	4.6	2
1	Intersectin Regulates Endothelial Cell Junction Integrity. <i>FASEB Journal</i> , 2006 , 20, A752		0.9