

Isabelle Limon

List of Publications by Year in descending order

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37
papers

753
citations

430442

18
h-index

525886

27
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38
all docs

38
docs citations

38
times ranked

1419
citing authors

#	ARTICLE	IF	CITATIONS
1	The Oxygen Paradox, the French Paradox, and age-related diseases. <i>GeroScience</i> , 2017, 39, 499-550.	2.1	59
2	Expression of sarco (endo) plasmic reticulum calcium ATPase (SERCA) system in normal mouse cardiovascular tissues, heart failure and atherosclerosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2705-2718.	1.9	58
3	SERCA2a controls the mode of agonist-induced intracellular Ca ²⁺ signal, transcription factor NFAT and proliferation in human vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 621-633.	0.9	55
4	Notch3 and IL-1 β exert opposing effects on a vascular smooth muscle cell inflammatory pathway in which NF- κ B drives crosstalk. <i>Journal of Cell Science</i> , 2007, 120, 3352-3361.	1.2	53
5	The Benefit of Docosahexanoic Acid on the Migration of Vascular Smooth Muscle Cells Is Partially Dependent on Notch Regulation of MMP-2/-9. <i>American Journal of Pathology</i> , 2008, 172, 1430-1440.	1.9	47
6	Inhibition of Notch3 signalling induces rhabdomyosarcoma cell differentiation promoting p38 phosphorylation and p21Cip1 expression and hampers tumour cell growth in vitro and in vivo. <i>Cell Death and Differentiation</i> , 2012, 19, 871-881.	5.0	47
7	Factors Determining the Specificity of Signal Transduction by Guanine Nucleotide-binding Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 1997, 272, 16466-16473.	1.6	46
8	PGE2 amplifies the effects of IL-1 β on vascular smooth muscle cell de-differentiation: A consequence of the versatility of PGE2 receptors 3 due to the emerging expression of adenylyl cyclase 8. <i>Journal of Cellular Physiology</i> , 2006, 208, 495-505.	2.0	34
9	Inhibition of Interleukin-1 β -Induced Group IIA Secretory Phospholipase A2 Expression by Peroxisome Proliferator-Activated Receptors (PPARs) in Rat Vascular Smooth Muscle Cells: Cooperation between PPAR β and the Proto-Oncogene <i>c-myc</i> . <i>Molecular and Cellular Biology</i> , 2007, 27, 8374-8387.	1.1	34
10	Tissue-specific localization of mitochondrial imidazoline-guanidinium receptive sites. <i>European Journal of Pharmacology</i> , 1992, 219, 335-338.	1.7	31
11	Multilevel control of glucose homeostasis by adenylyl cyclase 8. <i>Diabetologia</i> , 2015, 58, 749-757.	2.9	29
12	Activation of an endothelial Notch1-Jagged1 circuit induces VCAM1 expression, an effect amplified by interleukin-1 β . <i>Oncotarget</i> , 2015, 6, 43216-43229.	0.8	28
13	Molecular Diversity of Adenylyl Cyclases in Human and Rat Myometrium. <i>Journal of Biological Chemistry</i> , 1997, 272, 31100-31106.	1.6	27
14	Wild-type amyloid beta 1-40 peptide induces vascular smooth muscle cell death independently from matrix metalloprotease activity. <i>Aging Cell</i> , 2012, 11, 384-393.	3.0	21
15	The Notch Pathway Attenuates Interleukin 1 β (IL1 β)-mediated Induction of Adenylyl Cyclase 8 (AC8) Expression during Vascular Smooth Muscle Cell (VSMC) Trans-differentiation. <i>Journal of Biological Chemistry</i> , 2012, 287, 24978-24989.	1.6	20
16	Efficient transduction of vascular smooth muscle cells with a translational AAV2.5 vector: a new perspective for in-stent restenosis gene therapy. <i>Gene Therapy</i> , 2013, 20, 901-912.	2.3	20
17	Cerebrovascular β -amyloid deposition and associated microhemorrhages in a Tg2576 Alzheimer mouse model are reduced with a DHA-enriched diet. <i>FASEB Journal</i> , 2018, 32, 4972-4983.	0.2	19
18	SERCA2a gene transfer prevents intimal proliferation in an organ culture of human internal mammary artery. <i>Gene Therapy</i> , 2013, 20, 396-406.	2.3	18

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19	Implication of adenylyl cyclase 8 in pathological smooth muscle cell migration occurring in rat and human vascular remodelling. <i>Journal of Pathology</i> , 2010, 221, 331-342.	2.1	17
20	Heterogeneity of β_2 -adrenoceptors in human and rat myometrium and differential expression during pregnancy. <i>British Journal of Pharmacology</i> , 1997, 122, 1732-1738.	2.7	12
21	β_2 -amyloid context intensifies vascular smooth muscle cells induced inflammatory response and de-differentiation. <i>Aging Cell</i> , 2013, 12, 358-369.	3.0	12
22	Slug, a Cancer-Related Transcription Factor, is Involved in Vascular Smooth Muscle Cell Transdifferentiation Induced by Platelet-Derived Growth Factor- $\beta\beta$ During Atherosclerosis. <i>Journal of the American Heart Association</i> , 2020, 9, e014276.	1.6	11
23	The Alpha1B-Adrenergic Receptor Subtype Activates the Phospholipase C Signaling Pathway in Rat Myometrium at Parturition. <i>Biology of Reproduction</i> , 1997, 57, 1175-1182.	1.2	10
24	The stellate vascular smooth muscle cell phenotype is induced by IL-1 β via the secretion of PGE2 and subsequent cAMP-dependent protein kinase A activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 3235-3247.	1.9	8
25	Impaired phospholipase C activity is involved in the hyperreactivity of platelets in primary hypertension. <i>Journal of Hypertension</i> , 1988, 6, S372-374.	0.3	6
26	Renal Imidazoline-Guanidinium Receptive Site. <i>Journal of Cardiovascular Pharmacology</i> , 1992, 20, S21-S23.	0.8	6
27	Novel short isoforms of adenylyl cyclase as negative regulators of cAMP production. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1326-1340.	1.9	6
28	Receptor dependent and -independent protein phosphorylation in platelets of spontaneously hypertensive rats. <i>Thrombosis Research</i> , 1990, 59, 475-487.	0.8	5
29	Characterization of Imidazoline-Guanidinium Receptive Sites in Renal Medulla From Human Kidney. <i>American Journal of Hypertension</i> , 1992, 5, 69S-71S.	1.0	5
30	Protocol for Isolating the Mouse Circle of Willis. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	3
31	Calcium Cycling in Synthetic and Contractile Phasic or Tonic Vascular Smooth Muscle Cells. , 2012, , .		2
32	Noncatalytic function of PI3K β drives smooth muscle cell proliferation after arterial damage. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	2
33	L'athÃ©rosclÃ©rose, une maladie inflammatoire. <i>Revue Francophone Des Laboratoires</i> , 2007, 2007, 43-48.	0.0	0
34	The Notch pathway attenuates interleukin 1 β (IL1 β)-mediated induction of adenylyl cyclase 8 (AC8) expression during vascular smooth muscle cell (VSMC) trans-differentiation.. <i>Journal of Biological Chemistry</i> , 2013, 288, 1278.	1.6	0
35	P374 Expression pattern of sarco (endo) plasmic reticulum calcium atpases (SERCA) isoforms in normal and diseased mouse cardiovascular tissues. <i>Cardiovascular Research</i> , 2014, 103, S68.4-S68.	1.8	0
36	Abstract 5347: Inhibition of Notch3 signaling reduces tumorigenic properties of human rhabdomyosarcoma cells. , 2011, , .		0

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37	Salt-induced and spontaneous hyperactivity of phospholipase C in primary hypertension. Journal of Hypertension, 1989, 7, S120-121.	0.3	0