

Alejandra San Martin

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.

38
papers

2,279
citations

23
h-index

43
g-index

43
ext. papers

2,558
ext. citations

7.5
avg, IF

4.76
L-index

#	Paper	IF	Citations
38	Regulation of total LC3 levels by angiotensin II in vascular smooth muscle cells.. <i>Journal of Cellular and Molecular Medicine</i> , 2022 ,	5.6	1
37	Metabolic adaptation in hypoxia and cancer. <i>Cancer Letters</i> , 2021 , 502, 133-142	9.9	12
36	Characterization of Poldip2 knockout mice: Avoiding incorrect gene targeting.. <i>PLoS ONE</i> , 2021 , 16, e0247261	4.7	2
35	Mitochondrial Protein Poldip2 (Polymerase Delta Interacting Protein 2) Controls Vascular Smooth Muscle Differentiated Phenotype by O-Linked GlcNAc (N-Acetylglucosamine) Transferase-Dependent Inhibition of a Ubiquitin Proteasome System. <i>Circulation Research</i> , 2020 , 126, 41-56	15.7	10
34	Quiescin/sulphydryl oxidase 1b (QSOX1b) induces migration and proliferation of vascular smooth muscle cells by distinct redox pathways. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 679, 108220	4.1	0
33	Syndecan-4/PAR-3 signaling regulates focal adhesion dynamics in mesenchymal cells. <i>Cell Communication and Signaling</i> , 2020 , 18, 129	7.5	4
32	The cofilin phosphatase slingshot homolog 1 restrains angiotensin II-induced vascular hypertrophy and fibrosis in vivo. <i>Laboratory Investigation</i> , 2019 , 99, 399-410	5.9	5
31	Angiotensin II-Regulated Autophagy Is Required for Vascular Smooth Muscle Cell Hypertrophy. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1553	5.6	24
30	Poldip2 is an oxygen-sensitive protein that controls PDH and α GDH lipoylation and activation to support metabolic adaptation in hypoxia and cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1789-1794	11.5	31
29	Autophagy mediates tumor necrosis factor- β -induced phenotype switching in vascular smooth muscle A7r5 cell line. <i>PLoS ONE</i> , 2018 , 13, e0197210	3.7	24
28	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	5.7	27
27	Glucagon-like peptide-1 inhibits vascular smooth muscle cell dedifferentiation through mitochondrial dynamics regulation. <i>Biochemical Pharmacology</i> , 2016 , 104, 52-61	6	31
26	HERPUD1 protects against oxidative stress-induced apoptosis through downregulation of the inositol 1,4,5-trisphosphate receptor. <i>Free Radical Biology and Medicine</i> , 2016 , 90, 206-18	7.8	21
25	Redox-Sensitive Regulation of Myocardin-Related Transcription Factor (MRTF-A) Phosphorylation via Palladin in Vascular Smooth Muscle Cell Differentiation Marker Gene Expression. <i>PLoS ONE</i> , 2016 , 11, e0153199	3.7	14
24	Nox4-dependent activation of cofilin mediates VSMC reorientation in response to cyclic stretching. <i>Free Radical Biology and Medicine</i> , 2015 , 85, 288-94	7.8	17
23	Hic-5 Mediates TGF β -Induced Adhesion in Vascular Smooth Muscle Cells by a Nox4-Dependent Mechanism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1198-206	9.4	12
22	The role of Nox-mediated oxidation in the regulation of cytoskeletal dynamics. <i>Current Pharmaceutical Design</i> , 2015 , 21, 6009-22	3.3	24

21	NADPH oxidases: progress and opportunities. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 2692-4	8.4	13
20	Transforming growth factor β inhibits platelet derived growth factor-induced vascular smooth muscle cell proliferation via Akt-independent, Smad-mediated cyclin D1 downregulation. <i>PLoS ONE</i> , 2013 , 8, e79657	3.7	29
19	Molecular Pathways of Smooth Muscle Disease 2012 , 1279-1287		1
18	Biochemistry, physiology, and pathophysiology of NADPH oxidases in the cardiovascular system. <i>Circulation Research</i> , 2012 , 110, 1364-90	15.7	574
17	Role of coronin 1B in PDGF-induced migration of vascular smooth muscle cells. <i>Circulation Research</i> , 2012 , 111, 56-65	15.7	21
16	NADPH oxidase 4 mediates TGF- β -induced smooth muscle β -actin via p38MAPK and serum response factor. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 354-62	7.8	76
15	Platelet-derived growth factor (PDGF) regulates Slingshot phosphatase activity via Nox1-dependent auto-dephosphorylation of serine 834 in vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35430-35437	5.4	27
14	Early endosomal antigen 1 (EEA1) is an obligate scaffold for angiotensin II-induced, PKC-alpha-dependent Akt activation in endosomes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2886-95	5.4	40
13	Redox control of vascular smooth muscle migration. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 625-40	8.4	64
12	PGC-1 alpha serine 570 phosphorylation and GCN5-mediated acetylation by angiotensin II drive catalase down-regulation and vascular hypertrophy. <i>Journal of Biological Chemistry</i> , 2010 , 285, 2474-87	5.4	62
11	PDGF-induced Vascular Smooth Muscle Cell Migration is Regulated by Coronin 1b. <i>FASEB Journal</i> , 2010 , 24, 603.6	0.9	1
10	Insulin-like growth factor-1 receptor expression masks the antiinflammatory and glucose uptake capacity of insulin in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 408-15	9.4	36
9	Mechanisms of vascular smooth muscle NADPH oxidase 1 (Nox1) contribution to injury-induced neointimal formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 480-7	9.4	191
8	Dual regulation of cofilin activity by LIM kinase and Slingshot-1L phosphatase controls platelet-derived growth factor-induced migration of human aortic smooth muscle cells. <i>Circulation Research</i> , 2008 , 102, 432-8	15.7	51
7	Nox1-based NADPH oxidase-derived superoxide is required for VSMC activation by advanced glycation end-products. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 1671-9	7.8	86
6	Reactive oxygen species-selective regulation of aortic inflammatory gene expression in Type 2 diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H2073-82	5.2	103
5	Nox1 overexpression potentiates angiotensin II-induced hypertension and vascular smooth muscle hypertrophy in transgenic mice. <i>Circulation</i> , 2005 , 112, 2668-76	16.7	349
4	Effect of Mediterranean and Occidental diets, and red wine, on plasma fatty acids in humans. An intervention study. <i>Biological Research</i> , 2004 , 37, 253-61	7.6	26

3	Wine, diet, antioxidant defenses, and oxidative damage. <i>Annals of the New York Academy of Sciences</i> , 2002 , 957, 136-45	6.5	56
2	Complementary effects of Mediterranean diet and moderate red wine intake on haemostatic cardiovascular risk factors. <i>European Journal of Clinical Nutrition</i> , 2001 , 55, 444-51	5.2	71
1	A high-fat diet induces and red wine counteracts endothelial dysfunction in human volunteers. <i>Lipids</i> , 2000 , 35, 143-8	1.6	137