

Bernard Lassegue

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.

32
papers

2,873
citations

16
h-index

32
g-index

32
ext. papers

3,151
ext. citations

6.9
avg, IF

5.38
L-index

#	Paper	IF	Citations
32	Vascular NAD(P)H oxidases: specific features, expression, and regulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 285, R277-97	3.2	750
31	Biochemistry, physiology, and pathophysiology of NADPH oxidases in the cardiovascular system. <i>Circulation Research</i> , 2012 , 110, 1364-90	15.7	574
30	NADPH oxidases: functions and pathologies in the vasculature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 653-61	9.4	470
29	Poldip2, a novel regulator of Nox4 and cytoskeletal integrity in vascular smooth muscle cells. <i>Circulation Research</i> , 2009 , 105, 249-59	15.7	329
28	Reactive oxygen species in hypertension; An update. <i>American Journal of Hypertension</i> , 2004 , 17, 852-60	2.3	274
27	Arachidonic acid metabolites mediate angiotensin II-induced NADH/NADPH oxidase activity and hypertrophy in vascular smooth muscle cells. <i>Antioxidants and Redox Signaling</i> , 1999 , 1, 167-79	8.4	61
26	NOX4-derived reactive oxygen species limit fibrosis and inhibit proliferation of vascular smooth muscle cells in diabetic atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2016 , 97, 556-567	7.8	45
25	Polymerase delta interacting protein 2 sustains vascular structure and function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2154-61	9.4	44
24	Poldip2 controls vascular smooth muscle cell migration by regulating focal adhesion turnover and force polarization. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H945-57	5.2	41
23	Poldip2 is an oxygen-sensitive protein that controls PDH and α -KGDH 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
22	Poldip2 knockout results in perinatal lethality, reduced cellular growth and increased autophagy of mouse embryonic fibroblasts. <i>PLoS ONE</i> , 2014 , 9, e96657	3.7	31
21	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
20	Poldip2 mediates blood-brain barrier disruption in a model of sepsis-associated encephalopathy. <i>Journal of Neuroinflammation</i> , 2019 , 16, 241	10.1	23
19	Polymerase Interacting Protein 2: A Multifunctional Protein. <i>Journal of Cardiovascular Pharmacology</i> , 2017 , 69, 335-342	3.1	19
18	Design, synthesis, and biological evaluation of inhibitors of the NADPH oxidase, Nox4. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 989-998	3.4	18
17	Polymerase Interacting protein 2 promotes postischemic neovascularization of the mouse hindlimb. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1548-55	9.4	17
16	Polymerase delta-interacting protein 2 regulates collagen accumulation via activation of the Akt/mTOR pathway in vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 92, 21-9	5.8	14

15	NOX4 (NADPH Oxidase 4) and Poldip2 (Polymerase Interacting Protein 2) Induce Filamentous Actin Oxidation and Promote Its Interaction With Vinculin During Integrin-Mediated Cell Adhesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2423-2434	9.4	13
14	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
13	Polymerase delta-interacting protein 2 deficiency protects against blood-brain barrier permeability in the ischemic brain. <i>Journal of Neuroinflammation</i> , 2018 , 15, 45	10.1	12
12	1- and 2-integrins: central players in regulating vascular permeability and leukocyte recruitment during acute inflammation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H734-H739	5.2	11
11	The Vascular Angiotensin (AT1) Receptor. <i>Thrombosis and Haemostasis</i> , 1993 , 70, 188-192	7	10
10	Poldip2 deficiency protects against lung edema and vascular inflammation in a model of acute respiratory distress syndrome. <i>Clinical Science</i> , 2019 , 133, 321-334	6.5	10
9	Poldip2 knockdown inhibits vascular smooth muscle proliferation and neointima formation by regulating the expression of PCNA and p21. <i>Laboratory Investigation</i> , 2019 , 99, 387-398	5.9	8
8	Cyclic Strain and Hypertension Increase Osteopontin Expression in the Aorta. <i>Cellular and Molecular Bioengineering</i> , 2017 , 10, 144-152	3.9	7
7	Nox is playing with a full deck in vascular smooth muscle, a commentary on "Noxa1 is a central component of the smooth muscle NADPH oxidase in mice". <i>Free Radical Biology and Medicine</i> , 2006 , 41, 185-7	7.8	6
6	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
5	Polymerase-Interacting protein 2 activates the RhoGEF epithelial cell transforming sequence 2 in vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 316, C621-C631	5.4	4
4	Poldip2 controls leukocyte infiltration into the ischemic brain by regulating focal adhesion kinase-mediated VCAM-1 induction. <i>Scientific Reports</i> , 2021 , 11, 5533	4.9	3
3	Endothelial Poldip2 regulates sepsis-induced lung injury via Rho pathway activation. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
2	Characterization of Poldip2 knockout mice: Avoiding incorrect gene targeting.. <i>PLoS ONE</i> , 2021 , 16, e0247261	3.7	2
1	Myeloid Poldip2 Contributes to the Development of Pulmonary Inflammation by Regulating Neutrophil Adhesion in a Murine Model of Acute Respiratory Distress Syndrome.. <i>Journal of the American Heart Association</i> , 2022 , 11, e025181	6	0