Lars J Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

33 papers	13,456 citations	393982 19 h-index	414034 32 g-index
33 all docs	33 docs citations	33 times ranked	24740 citing authors

#	Article	IF	Citations
1	Diet-induced hypertension in rats is associated with increased renal vasoconstrictor response to angiotensin II after imitated endothelial dysfunction. Microvascular Research, 2022, 141, 104333.	1.1	0
2	Vascular calcium signalling and ageing. Journal of Physiology, 2021, 599, 5361-5377.	1.3	22
3	Effect of age on the vascular proteome in middle cerebral arteries and mesenteric resistance arteries in mice. Mechanisms of Ageing and Development, 2021, 200, 111594.	2.2	5
4	Localization of TRPA1 channels and characterization of TRPA1 mediated responses in dural and pial arteries in vivo after intracarotid infusion of Na2S. Cephalalgia, 2020, 40, 1310-1320.	1.8	2
5	Effect of TRPA1 activator allyl isothiocyanate (AITC) on rat dural and pial arteries. Pharmacological Reports, 2019, 71, 565-572.	1.5	15
6	STRING v11: proteinâ€“protein association networks with increased coverage, supporting functional discovery in genome-wide experimental datasets. Nucleic Acids Research, 2019, 47, D607-D613.	6.5	12,237
7	Hyperglycemia-induced transcriptional regulation of ROCK1 and TGM2 expression is involved in small artery remodeling in obese diabetic GÃ¶ttingen Minipigs. Clinical Science, 2019, 133, 2499-2516.	1.8	11
8	Long-term diet-induced hypertension in rats is associated with reduced expression and function of small artery SKCa, IKCa, and Kir2.1 channels. Clinical Science, 2018, 132, 461-474.	1.8	14
9	Role of age, Rho-kinase 2 expression, and G protein-mediated signaling in the myogenic response in mouse small mesenteric arteries. Physiological Reports, 2018, 6, e13863.	0.7	13
10	T-type Ca²⁺channels and autoregulation of local blood flow. Channels, 2017, 11, 183-195.	1.5	9
11	Ageâ€dependent impact of Ca_V3.2 Tâ€type calcium channel deletion on myogenic tone and flowâ€mediated vasodilatation in small arteries. Journal of Physiology, 2016, 594, 5881-5898.	1.3	26
12	No apparent role for T-type Ca2+ channels in renal autoregulation. Pflugers Archiv European Journal of Physiology, 2016, 468, 541-550.	1.3	4
13	Hepatic Oxidative Stress, Genotoxicity and Vascular Dysfunction in Lean or Obese Zucker Rats. PLoS ONE, 2015, 10, e0118773.	1.1	13
14	Functional network analysis of obese and lean GÃ¶ttingen minipigs elucidates changes in oxidative and inflammatory networks in obese pigs. Pflugers Archiv European Journal of Physiology, 2014, 466, 2167-2176.	1.3	6
15	Significance of KATP channels, L-type Ca2+ channels and CYP450-4A enzymes in oxygen sensing in mouse cremaster muscle arterioles In vivo. BMC Physiology, 2013, 13, 8.	3.6	18
16	The Vascular Conducted Response in Cerebral Blood Flow Regulation. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 649-656.	2.4	31
17	Myogenic tone is impaired at low arterial pressure in mice deficient in the lowâ€voltageâ€activated <scp>C</scp>a_V3.1 <scp>T</scp>â€type <scp>C</scp>a²⁺ channel. Acta Physiologica, 2013, 207, 709-720.	1.8	45
18	PIP2 modulation of Slick and Slack K+ channels. Biochemical and Biophysical Research Communications, 2012, 424, 208-213.	1.0	16

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19	Applicability of Cable Theory to Vascular Conducted Responses. Biophysical Journal, 2012, 102, 1352-1362.	0.2	21
20	BKCa and KV channels limit conducted vasomotor responses in rat mesenteric terminal arterioles. Pflugers Archiv European Journal of Physiology, 2012, 463, 279-295.	1.3	31
21	Oxygen sensing and conducted vasomotor responses in mouse cremaster arterioles in situ. Pflugers Archiv European Journal of Physiology, 2010, 460, 41-53.	1.3	29
22	Na⁺â€independent, nifedipineâ€resistant rat afferent arteriolar Ca²⁺ responses to noradrenaline: possible role of TRPC channels. Acta Physiologica, 2010, 200, 265-278.	1.8	19
23	The Role of L- and T-Type Calcium Channels in Local and Remote Calcium Responses in Rat Mesenteric Terminal Arterioles. Journal of Vascular Research, 2009, 46, 138-151.	0.6	44
24	Synergistic Activation of Vascular TRPC6 Channel by Receptor and Mechanical Stimulation via Phospholipase C/Diacylglycerol and Phospholipase A ₂ /Ï‰-Hydroxylase/20-HETE Pathways. Circulation Research, 2009, 104, 1399-1409.	2.0	140
25	Is there a role for T-type Ca2+ channels in regulation of vasomotor tone in mesenteric arterioles?This article is part of a Special Issue on Information Transfer in the Microcirculation.. Canadian Journal of Physiology and Pharmacology, 2009, 87, 8-20.	0.7	26
26	Transient Receptor Potential Channels in Cardiovascular Function and Disease. Circulation Research, 2006, 99, 119-131.	2.0	353
27	Depolarization-induced calcium influx in rat mesenteric small arterioles is mediated exclusively via mibefradil-sensitive calcium channels. British Journal of Pharmacology, 2004, 142, 709-718.	2.7	43
28	Expression of connexinÂ37, 40 and 43 in rat mesenteric arterioles and resistance arteries. Histochemistry and Cell Biology, 2003, 119, 139-148.	0.8	69
29	Proton pump-driven cutaneous chloride uptake in anuran amphibia. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1618, 120-132.	1.4	25
30	Proton pump activity is required for active uptake of chloride in isolated amphibian skin exposed to freshwater. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2002, 172, 503-511.	0.7	18
31	Immunolocalization of AE2 Anion Exchanger in Rat and Mouse Epididymis1. Biology of Reproduction, 1999, 61, 973-980.	1.2	47
32	Localization of Sodium Bicarbonate Cotransporter (NBC) Protein and Messenger Ribonucleic Acid in Rat Epididymis1. Biology of Reproduction, 1999, 60, 573-579.	1.2	71
33	Proton Pump Activity of Mitochondria-rich Cells. Journal of General Physiology, 1997, 109, 73-91.	0.9	33