

Jorge A Castorena-Gonzalez

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.

27
papers

614
citations

13
h-index

24
g-index

28
ext. papers

802
ext. citations

4.6
avg, IF

4.01
L-index

#	Paper	IF	Citations
27	Lymphatic Valve Dysfunction in Western Diet-Fed Mice: New Insights Into Obesity-Induced Lymphedema.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 823266	5.6	1
26	Foxo1 deletion promotes the growth of new lymphatic valves. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	5
25	Soil Lead (Pb) in New Orleans: A Spatiotemporal and Racial Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
24	Effects of Elevated Downstream Pressure and the Role of Smooth Muscle Cell Coupling through Connexin45 on Lymphatic Pacemaking. <i>Biomolecules</i> , 2020 , 10,	5.9	2
23	Kir6.1-dependent K channels in lymphatic smooth muscle and vessel dysfunction in mice with Kir6.1 gain-of-function. <i>Journal of Physiology</i> , 2020 , 598, 3107-3127	3.9	13
22	T-type, but not L-type, voltage-gated calcium channels are dispensable for lymphatic pacemaking and spontaneous contractions. <i>Scientific Reports</i> , 2020 , 10, 70	4.9	12
21	Simplified method to quantify valve back-leak uncovers severe mesenteric lymphatic valve dysfunction in mice deficient in connexins 43 and 37. <i>Journal of Physiology</i> , 2020 , 598, 2297-2310	3.9	7
20	ADAM17 Cleaves the Insulin Receptor β Subunit on Endothelial Cells and Induces Vascular Insulin Resistance in Type 2 Diabetes. <i>FASEB Journal</i> , 2019 , 33, 685.7	0.9	1
19	Age-Related Changes in Skeletal Muscle and Small Mesenteric Arterial Function in Spontaneously Hypertensive Rats. <i>FASEB Journal</i> , 2019 , 33, lb456	0.9	
18	Differences in L-type Ca channel activity partially underlie the regional dichotomy in pumping behavior by murine peripheral and visceral lymphatic vessels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H991-H1010	5.2	36
17	Electrical Pacemaking in Lymphatic Vessels 2018 , 323-359		1
16	Induction of inward arterial remodeling is ameliorated in vivo by inhibition of actin polymerization dynamics in a mouse model of hypertension. <i>FASEB Journal</i> , 2018 , 32, lb278	0.9	
15	Methods for Assessing the Contractile Function of Mouse Lymphatic Vessels Ex Vivo. <i>Methods in Molecular Biology</i> , 2018 , 1846, 229-248	1.4	5
14	Mechanisms of Connexin-Related Lymphedema. <i>Circulation Research</i> , 2018 , 123, 964-985	15.7	30
13	High-Salt Diet Causes Expansion of the Lymphatic Network and Increased Lymph Flow in Skin and Muscle of Rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2054-2064	9.4	22
12	Calcium and electrical dynamics in lymphatic endothelium. <i>Journal of Physiology</i> , 2017 , 595, 7347-7368	3.9	23
11	Development and Characterization of A Novel Prox1-EGFP Lymphatic and Schlemm's Canal Reporter Rat. <i>Scientific Reports</i> , 2017 , 7, 5577	4.9	32

10	Experimental Models Used to Assess Lymphatic Contractile Function. <i>Lymphatic Research and Biology</i> , 2017 , 15, 331-342	2.3	17
9	Lymphatic pumping: mechanics, mechanisms and malfunction. <i>Journal of Physiology</i> , 2016 , 594, 5749-5768		160
8	Brief serotonin exposure initiates arteriolar inward remodeling processes in vivo that involve transglutaminase activation and actin cytoskeleton reorganization. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H188-98	5.2	7
7	Arterial Stiffening in Western Diet-Fed Mice Is Associated with Increased Vascular Elastin, Transforming Growth Factor- β and Plasma Neuraminidase. <i>Frontiers in Physiology</i> , 2016 , 7, 285	4.6	24
6	Regional variation in arterial stiffening and dysfunction in Western diet-induced obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H574-82	5.2	41
5	The obligatory role of the actin cytoskeleton on inward remodeling induced by dithiothreitol activation of endogenous transglutaminase in isolated arterioles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H485-95	5.2	17
4	Lysophosphatidic acid induces integrin activation in vascular smooth muscle and alters arteriolar myogenic vasoconstriction. <i>Frontiers in Physiology</i> , 2014 , 5, 413	4.6	11
3	Mechanisms of the inward remodeling process in resistance vessels: is the actin cytoskeleton involved?. <i>Microcirculation</i> , 2014 , 21, 219-29	2.9	26
2	Biofuel Cell Operating in Vivo in Rat. <i>Electroanalysis</i> , 2013 , 25, 1579-1584	3	107
1	An experimental and theoretical approach to the study of the photoacoustic signal produced by cancer cells. <i>AIP Advances</i> , 2012 , 2, 011102	1.5	11