

Joshua P Scallan

List of Publications by Citations

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Version: 2024-04-27

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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

1,119
citations

14
h-index

31
g-index

31
ext. papers

1,487
ext. citations

7.1
avg. IF

4.78
L-index

#	Paper	IF	Citations
27	Lymphatic pumping: mechanics, mechanisms and malfunction. <i>Journal of Physiology</i> , 2016 , 594, 5749-5768	34.7	160
26	The Lymphatic System: Integral Roles in Immunity. <i>Annual Review of Immunology</i> , 2017 , 35, 31-52	34.7	156
25	FOXC2 and fluid shear stress stabilize postnatal lymphatic vasculature. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3861-77	15.9	137
24	Lymphatic Vessel Network Structure and Physiology. <i>Comprehensive Physiology</i> , 2018 , 9, 207-299	7.7	108
23	Lymphatic vascular integrity is disrupted in type 2 diabetes due to impaired nitric oxide signalling. <i>Cardiovascular Research</i> , 2015 , 107, 89-97	9.9	79
22	Genetic removal of basal nitric oxide enhances contractile activity in isolated murine collecting lymphatic vessels. <i>Journal of Physiology</i> , 2013 , 591, 2139-56	3.9	79
21	Intrinsic increase in lymphangion muscle contractility in response to elevated afterload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H795-808	5.2	79
20	In vivo determination of collecting lymphatic vessel permeability to albumin: a role for lymphatics in exchange. <i>Journal of Physiology</i> , 2010 , 588, 243-54	3.9	61
19	Independent and interactive effects of preload and afterload on the pump function of the isolated lymphangion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H809-24	5.2	48
18	Constriction of isolated collecting lymphatic vessels in response to acute increases in downstream pressure. <i>Journal of Physiology</i> , 2013 , 591, 443-59	3.9	46
17	VE-Cadherin Is Required for Lymphatic Valve Formation and Maintenance. <i>Cell Reports</i> , 2019 , 28, 2397-2412	10.6	438
16	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
15	Permeability and contractile responses of collecting lymphatic vessels elicited by atrial and brain natriuretic peptides. <i>Journal of Physiology</i> , 2013 , 591, 5071-81	3.9	33
14	Calcium and electrical dynamics in lymphatic endothelium. <i>Journal of Physiology</i> , 2017 , 595, 7347-7368	3.9	23
13	Lymphatic Valves and Lymph Flow in Cancer-Related Lymphedema. <i>Cancers</i> , 2020 , 12,	6.6	8
12	Induction of microvascular network growth in the mouse mesentery. <i>Microcirculation</i> , 2018 , 25, e12502	2.9	6
11	Foxo1 deletion promotes the growth of new lymphatic valves. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	5

10	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
9	Ileitis-associated tertiary lymphoid organs arise at lymphatic valves and impede mesenteric lymph flow in response to tumor necrosis factor. <i>Immunity</i> , 2021 ,	32.3	3
8	Demonstration of Functional Deficiencies in Popliteal Lymphatic Vessels From TNF-Transgenic Mice With Inflammatory Arthritis. <i>Frontiers in Physiology</i> , 2021 , 12, 745096	4.6	2
7	VE-Cadherin and Vesicles Differentially Regulate Lymphatic Vascular Permeability to Solutes of Various Sizes. <i>Frontiers in Physiology</i> , 2021 , 12, 687563	4.6	1
6	Induction of Microvascular Network Growth in the Mouse Mesentery. <i>FASEB Journal</i> , 2018 , 32, 573.6	0.9	
5	Lymphatic vessels absorptive sumps or leaky pumps? 2010 , 16-18		
4	Lymphatic valve lock in response to modest gravitational loads: a contributing mechanism to peripheral lymphedema?. <i>FASEB Journal</i> , 2012 , 26, 677.2	0.9	
3	The unique and important role of the myogenic response in the lymphatic system 2013 , 27-31		
2	Depolarization of collecting lymphatic endothelium with acetylcholine or TRPV4 activation. <i>FASEB Journal</i> , 2013 , 27, 678.3	0.9	
1	Basal nitric oxide production in mouse collecting lymphatics does not enhance contractile activity. <i>FASEB Journal</i> , 2013 , 27, 681.9	0.9	