

Lars Muhl

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.

19
papers

712
citations

12
h-index

22
g-index

22
ext. papers

1,031
ext. citations

10.7
avg, IF

3.79
L-index

#	Paper	IF	Citations
19	Targeting VEGF-B as a novel treatment for insulin resistance and type 2 diabetes. <i>Nature</i> , 2012 , 490, 426-30	50.4	210
18	Endoglin prevents vascular malformation by regulating flow-induced cell migration and specification through VEGFR2 signalling. <i>Nature Cell Biology</i> , 2017 , 19, 639-652	23.4	101
17	Single-cell analysis uncovers fibroblast heterogeneity and criteria for fibroblast and mural cell identification and discrimination. <i>Nature Communications</i> , 2020 , 11, 3953	17.4	82
16	Lack of Evidence of Angiotensin-Converting Enzyme 2 Expression and Replicative Infection by SARS-CoV-2 in Human Endothelial Cells. <i>Circulation</i> , 2021 , 143, 865-868	16.7	67
15	Intercellular communication lessons in heart failure. <i>European Journal of Heart Failure</i> , 2015 , 17, 1091-1093	12.3	40
14	Neuropilin 1 binds PDGF-D and is a co-receptor in PDGF-D-PDGFR β signaling. <i>Journal of Cell Science</i> , 2017 , 130, 1365-1378	5.3	31
13	Mice Lacking Platelet-Derived Growth Factor D Display a Mild Vascular Phenotype. <i>PLoS ONE</i> , 2016 , 11, e0152276	3.7	29
12	Expression of vascular endothelial growth factor (VEGF)-B and its receptor (VEGFR1) in murine heart, lung and kidney. <i>Cell and Tissue Research</i> , 2016 , 365, 51-63	4.2	27
11	VEGF Receptor Tyrosine Kinases: Key Regulators of Vascular Function. <i>Current Topics in Developmental Biology</i> , 2017 , 123, 433-482	5.3	26
10	Presymptomatic activation of the PDGF-CC pathway accelerates onset of ALS neurodegeneration. <i>Acta Neuropathologica</i> , 2016 , 131, 453-64	14.3	24
9	Specific fibroblast subpopulations and neuronal structures provide local sources of Vegfc-processing components during zebrafish lymphangiogenesis. <i>Nature Communications</i> , 2020 , 11, 2724	17.4	22
8	VEGF-B signaling impairs endothelial glucose transcytosis by decreasing membrane cholesterol content. <i>EMBO Reports</i> , 2020 , 21, e49343	6.5	12
7	Transforming Growth Factor- β Inhibits the Expression of Factor VII-activating Protease (FSAP) in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2016 , 291, 21020-21028	5.4	7
6	Blocking PDGF-CC signaling ameliorates multiple sclerosis-like neuroinflammation by inhibiting disruption of the blood-brain barrier. <i>Scientific Reports</i> , 2020 , 10, 22383	4.9	5
5	VEGF-B ablation in pancreatic β cells upregulates insulin expression without affecting glucose homeostasis or islet lipid uptake. <i>Scientific Reports</i> , 2020 , 10, 923	4.9	4
4	Extracellular retention of PDGF-B directs vascular remodeling in mouse hypoxia-induced pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L593-L605	5.8	4
3	Preclinical toxicological assessment of a novel monoclonal antibody targeting human platelet-derived growth factor CC (PDGF-CC) in PDGF-CChum mice. <i>PLoS ONE</i> , 2018 , 13, e0200649	3.7	4

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| 2 | A human cell type similar to murine central nervous system perivascular fibroblasts. <i>Experimental Cell Research</i> , 2021 , 402, 112576 | 4.2 | 4 |
| 1 | Transcriptomic analysis of the harvested endothelial cells in a swine model of mechanical thrombectomy. <i>Neuroradiology</i> , 2018 , 60, 759-768 | 3.2 | 2 |