

# Ines Martinez-Corral

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,256  
citations

304743

22  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in GATA2 cause primary lymphedema associated with a predisposition to acute myeloid leukemia (Emberger syndrome). <i>Nature Genetics</i> , 2011, 43, 929-931.	21.4	440
2	Nonvenous Origin of Dermal Lymphatic Vasculature. <i>Circulation Research</i> , 2015, 116, 1649-1654.	4.5	220
3	cKit Lineage Hemogenic Endothelium-Derived Cells Contribute to Mesenteric Lymphatic Vessels. <i>Cell Reports</i> , 2015, 10, 1708-1721.	6.4	207
4	FOXC2 and fluid shear stress stabilize postnatal lymphatic vasculature. <i>Journal of Clinical Investigation</i> , 2015, 125, 3861-3877.	8.2	186
5	Mutations in KIF11 Cause Autosomal-Dominant Microcephaly Variably Associated with Congenital Lymphedema and Chorioretinopathy. <i>American Journal of Human Genetics</i> , 2012, 90, 356-362.	6.2	138
6	Whole-body imaging of lymphovascular niches identifies pre-metastatic roles of midkine. <i>Nature</i> , 2017, 546, 676-680.	27.8	123
7	Matrix stiffness controls lymphatic vessel formation through regulation of a GATA2-dependent transcriptional program. <i>Nature Communications</i> , 2018, 9, 1511.	12.8	122
8	In vivo imaging of lymphatic vessels in development, wound healing, inflammation, and tumor metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6223-6228.	7.1	108
9	CDK2 is required for proper homologous pairing, recombination and sex-body formation during male mouse meiosis. <i>Journal of Cell Science</i> , 2009, 122, 2149-2159.	2.0	99
10	EPHB4 kinase inactivating mutations cause autosomal dominant lymphatic-related hydrops fetalis. <i>Journal of Clinical Investigation</i> , 2016, 126, 3080-3088.	8.2	83
11	Tamoxifen-independent recombination of reporter genes limits lineage tracing and mosaic analysis using CreERT2 lines. <i>Transgenic Research</i> , 2020, 29, 53-68.	2.4	69
12	Leptin brain entry via a tanycytic LepR-EGFR shuttle controls lipid metabolism and pancreas function. <i>Nature Metabolism</i> , 2021, 3, 1071-1090.	11.9	67
13	Blockade of VEGF-C signaling inhibits lymphatic malformations driven by oncogenic PIK3CA mutation. <i>Nature Communications</i> , 2020, 11, 2869.	12.8	59
14	Heterogeneity in VEGFR3 levels drives lymphatic vessel hyperplasia through cell-autonomous and non-cell-autonomous mechanisms. <i>Nature Communications</i> , 2018, 9, 1296.	12.8	45
15	Vegfr3-CreER T2 mouse, a new genetic tool for targeting the lymphatic system. <i>Angiogenesis</i> , 2016, 19, 433-445.	7.2	39
16	Diphtheria toxin-mediated ablation of lymphatic endothelial cells results in progressive lymphedema. <i>JCI Insight</i> , 2016, 1, e84095.	5.0	35
17	<i>Cd31-Cre</i> targets lymphatic endothelial cells of both venous and non-venous origins. <i>Genesis</i> , 2016, 54, 350-358.	1.6	35
18	Dachsous1-Fat4 Signaling Controls Endothelial Cell Polarization During Lymphatic Valve Morphogenesis—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1732-1735.	2.4	31

#	ARTICLE	IF	CITATIONS
19	Tanycytic networks mediate energy balance by feeding lactate to glucose-insensitive POMC neurons. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	31
20	Lymph Node Transplantation Decreases Swelling and Restores Immune Responses in a Transgenic Model of Lymphedema. <i>PLoS ONE</i> , 2016, 11, e0168259.	2.5	29
21	A Cre reporter transgenic mouse expressing the far-red fluorescent protein Katushka. <i>Genesis</i> , 2011, 49, 36-45.	1.6	26
22	PROX1 is a transcriptional regulator of MMP14. <i>Scientific Reports</i> , 2018, 8, 9531.	3.3	26
23	Regulation of lymphatic vascular morphogenesis: Implications for pathological (tumor) lymphangiogenesis. <i>Experimental Cell Research</i> , 2013, 319, 1618-1625.	2.6	23
24	Genetic Lineage Tracing of Lymphatic Endothelial Cells in Mice. <i>Methods in Molecular Biology</i> , 2018, 1846, 37-53.	0.9	4
25	GnRH Neurons: The Return of the Rat. <i>Endocrinology</i> , 2021, 162, .	2.8	1
26	Editorial: Modulating Vascular Lymphatic Growth in Disease: Current and Potential Pharmacological Approaches for Prevention and Treatment. <i>Frontiers in Pharmacology</i> , 2022, 13, 910142.	3.5	0