

Lothar C Dieterich

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

8,795
citations

257357

24
h-index

276775

41
g-index

47
all docs

47
docs citations

47
times ranked

14759
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	VEGF suppresses Tâ€ lymphocyte infiltration in the tumor microenvironment through inhibition of NFâ€Bâ€ induced endothelial activation. <i>FASEB Journal</i> , 2015, 29, 227-238.	0.2	147
3	Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGFâ€A and TGFÎ²2 in vascular abnormalization. <i>Journal of Pathology</i> , 2012, 228, 378-390.	2.1	128
4	Tumor lymphangiogenesis and new drug development. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 148-160.	6.6	117
5	Tumor-Associated Lymphatic Vessels Upregulate PDL1 to Inhibit T-Cell Activation. <i>Frontiers in Immunology</i> , 2017, 8, 66.	2.2	102
6	Lymphatic vessels: new targets for the treatment of inflammatory diseases. <i>Angiogenesis</i> , 2014, 17, 359-371.	3.7	88
7	Single-cell mapping reveals new markers and functions of lymphatic endothelial cells in lymph nodes. <i>PLoS Biology</i> , 2020, 18, e3000704.	2.6	88
8	Î±B-crystallin promotes tumor angiogenesis by increasing vascular survival during tube morphogenesis. <i>Blood</i> , 2008, 111, 2015-2023.	0.6	83
9	Regulatory T cell transfer ameliorates lymphedema and promotes lymphatic vessel function. <i>JCI Insight</i> , 2016, 1, e89081.	2.3	70
10	Multiple roles of lymphatic vessels in tumor progression. <i>Current Opinion in Immunology</i> , 2018, 53, 7-12.	2.4	68
11	Unexpected contribution of lymphatic vessels to promotion of distant metastatic tumor spread. <i>Science Advances</i> , 2018, 4, eaat4758.	4.7	67
12	Mechanisms of Tumor-Induced Lymphovascular Niche Formation in Draining Lymph Nodes. <i>Cell Reports</i> , 2018, 25, 3554-3563.e4.	2.9	60
13	Lymphatic endothelial cells attenuate inflammation via suppression of dendritic cell maturation. <i>Oncotarget</i> , 2016, 7, 39421-39435.	0.8	60
14	Activation of myeloid and endothelial cells by CD40L gene therapy supports T-cell expansion and migration into the tumor microenvironment. <i>Gene Therapy</i> , 2017, 24, 92-103.	2.3	56
15	Expansion of the lymphatic vasculature in cancer and inflammation: New opportunities for in vivo imaging and drug delivery. <i>Journal of Controlled Release</i> , 2013, 172, 550-557.	4.8	52
16	Pleiotrophin promotes vascular abnormalization in gliomas and correlates with poor survival in patients with astrocytomas. <i>Science Signaling</i> , 2015, 8, ra125.	1.6	52
17	An Important Role of VEGF-C in Promoting Lymphedema Development. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1995-2004.	0.3	52
18	Melanomaâ€derived extracellular vesicles mediate lymphatic remodelling and impair tumour immunity in draining lymph nodes. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12197.	5.5	49

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19	DeepCAGE Transcriptomics Reveal an Important Role of the Transcription Factor MAFB in the Lymphatic Endothelium. <i>Cell Reports</i> , 2015, 13, 1493-1504.	2.9	46
20	Lymphatic PD-L1 Expression Restricts Tumor-Specific CD8+ T-cell Responses. <i>Cancer Research</i> , 2021, 81, 4133-4144.	0.4	39
21	Lymphatic vessels in cancer. <i>Physiological Reviews</i> , 2022, 102, 1837-1879.	13.1	38
22	Lymphatic MAFB regulates vascular patterning during developmental and pathological lymphangiogenesis. <i>Angiogenesis</i> , 2020, 23, 411-423.	3.7	32
23	Î±B-crystallin/HspB5 regulates endothelial-leukocyte interactions by enhancing NF-Î±B-induced up-regulation of adhesion molecules ICAM-1, VCAM-1 and E-selectin. <i>Angiogenesis</i> , 2013, 16, 975-983.	3.7	28
24	Ninein Is Expressed in the Cytoplasm of Angiogenic Tip-Cells and Regulates Tubular Morphogenesis of Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2123-2130.	1.1	27
25	The tumor organismal environment: Role in tumor development and cancer immunotherapy. <i>Seminars in Cancer Biology</i> , 2020, 65, 197-206.	4.3	26
26	CD169+ lymph node macrophages have protective functions in mouse breast cancer metastasis. <i>Cell Reports</i> , 2021, 35, 108993.	2.9	26
27	Distinct transcriptional responses of lymphatic endothelial cells to VEGFR-3 and VEGFR-2 stimulation. <i>Scientific Data</i> , 2017, 4, 170106.	2.4	25
28	High expression of insulin receptor on tumour-associated blood vessels in invasive bladder cancer predicts poor overall and progression-free survival. <i>Journal of Pathology</i> , 2017, 242, 193-205.	2.1	24
29	Transcriptional profiling of breast cancer-associated lymphatic vessels reveals VCAM-1 as regulator of lymphatic invasion and permeability. <i>International Journal of Cancer</i> , 2019, 145, 2804-2815.	2.3	22
30	An important role of cutaneous lymphatic vessels in coordinating and promoting anagen hair follicle growth. <i>PLoS ONE</i> , 2019, 14, e0220341.	1.1	22
31	Mechanisms and Clinical Significance of Tumor Lymphatic Invasion. <i>Cells</i> , 2021, 10, 2585.	1.8	22
32	CD40L gene therapy tilts the myeloid cell profile and promotes infiltration of activated T lymphocytes. <i>Cancer Gene Therapy</i> , 2014, 21, 95-102.	2.2	20
33	Single-Cell Transcriptional Heterogeneity of Lymphatic Endothelial Cells in Normal and Inflamed Murine Lymph Nodes. <i>Cells</i> , 2021, 10, 1371.	1.8	19
34	LETR1 is a lymphatic endothelial-specific lncRNA governing cell proliferation and migration through KLF4 and SEMA3C. <i>Nature Communications</i> , 2021, 12, 925.	5.8	18
35	DeepCAGE transcriptomics identify HOXD10 as transcription factor regulating lymphatic endothelial responses to VEGF-C. <i>Journal of Cell Science</i> , 2016, 129, 2573-85.	1.2	15
36	Paladin (X99384) is expressed in the vasculature and shifts from endothelial to vascular smooth muscle cells during mouse development. <i>Developmental Dynamics</i> , 2012, 241, 770-786.	0.8	13

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37	An important role of podoplanin in hair follicle growth. PLoS ONE, 2019, 14, e0219938.	1.1	9
38	Novel Blood Vascular Endothelial Subtype-Specific Markers in Human Skin Unearthed by Single-Cell Transcriptomic Profiling. Cells, 2022, 11, 1111.	1.8	6
39	Mediators of Capillary-to-Venule Conversion in the Chronic Inflammatory Skin Disease Psoriasis. Journal of Investigative Dermatology, 2022, 142, 3313-3326.e13.	0.3	6
40	Î±Bâ€œCrystallin regulates expansion of CD11b ⁺ Grâ€œ1 ⁺ immature myeloid cells during tumor progression. FASEB Journal, 2013, 27, 151-162.	0.2	5
41	Regulation of Angiogenesis by the Small Heat Shock Protein Î±B-Crystallin. Current Angiogenesis, 2012, 1, 39-45.	0.1	1
42	Biology of Melanoma Metastasis. , 2018, , 1-17.		0
43	Biology of Melanoma Metastasis. , 2019, , 147-163.		0
44	Isolation and Fluorescent Labeling of Extracellular Vesicles from Cultured Tumor Cells. Methods in Molecular Biology, 2022, 2504, 199-206.	0.4	0