

# Lothar C Dieterich

## List of Publications by Citations

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43  
papers

4,808  
citations

20  
h-index

47  
g-index

47  
ext. papers

6,883  
ext. citations

8.9  
avg, IF

4.73  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 43 | 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> , <b>2018</b> , 7, 1535750 | 16.4 | 3642      |
| 42 | VEGF suppresses T-lymphocyte infiltration in the tumor microenvironment through inhibition of NF- $\kappa$ B-induced endothelial activation. <i>FASEB Journal</i> , <b>2015</b> , 29, 227-38   | 0.9  | 116       |
| 41 | Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGF-A and TGF $\beta$ in vascular abnormalization. <i>Journal of Pathology</i> , <b>2012</b> , 228, 378-90  | 9.4  | 103       |
| 40 | Tumor lymphangiogenesis and new drug development. <i>Advanced Drug Delivery Reviews</i> , <b>2016</b> , 99, 148-168.5  | 16.5 | 83        |
| 39 | Tumor-Associated Lymphatic Vessels Upregulate PDL1 to Inhibit T-Cell Activation. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 66  | 8.4  | 77        |
| 38 | alphaB-crystallin promotes tumor angiogenesis by increasing vascular survival during tube morphogenesis. <i>Blood</i> , <b>2008</b> , 111, 2015-23   | 2.2  | 76        |
| 37 | Lymphatic vessels: new targets for the treatment of inflammatory diseases. <i>Angiogenesis</i> , <b>2014</b> , 17, 359-366   | 10.6 | 64        |
| 36 | Regulatory T cell transfer ameliorates lymphedema and promotes lymphatic vessel function. <i>JCI Insight</i> , <b>2016</b> , 1, e89081   | 9.9  | 48        |
| 35 | Multiple roles of lymphatic vessels in tumor progression. <i>Current Opinion in Immunology</i> , <b>2018</b> , 53, 7-12  | 7.8  | 44        |
| 34 | Expansion of the lymphatic vasculature in cancer and inflammation: new opportunities for in vivo imaging and drug delivery. <i>Journal of Controlled Release</i> , <b>2013</b> , 172, 550-7  | 11.7 | 44        |
| 33 | Unexpected contribution of lymphatic vessels to promotion of distant metastatic tumor spread. <i>Science Advances</i> , <b>2018</b> , 4, eaat4758  | 14.3 | 43        |
| 32 | Single-cell mapping reveals new markers and functions of lymphatic endothelial cells in lymph nodes. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000704  | 9.7  | 41        |
| 31 | Activation of myeloid and endothelial cells by CD40L gene therapy supports T-cell expansion and migration into the tumor microenvironment. <i>Gene Therapy</i> , <b>2017</b> , 24, 92-103  | 4    | 40        |
| 30 | Pleiotrophin promotes vascular abnormalization in gliomas and correlates with poor survival in patients with astrocytomas. <i>Science Signaling</i> , <b>2015</b> , 8, ra125   | 8.8  | 40        |
| 29 | Lymphatic endothelial cells attenuate inflammation via suppression of dendritic cell maturation. <i>Oncotarget</i> , <b>2016</b> , 7, 39421-39435  | 3.3  | 37        |
| 28 | An Important Role of VEGF-C in Promoting Lymphedema Development. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 1995-2004  | 4.3  | 36        |
| 27 | Mechanisms of Tumor-Induced Lymphovascular Niche Formation in Draining Lymph Nodes. <i>Cell Reports</i> , <b>2018</b> , 25, 3554-3563.e4   | 10.6 | 36        |

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| 26 | DeepCAGE Transcriptomics Reveal an Important Role of the Transcription Factor MAFB in the Lymphatic Endothelium. <i>Cell Reports</i> , <b>2015</b> , 13, 1493-1504  | 10.6 | 25 |
| 25 | B-crystallin/HspB5 regulates endothelial-leukocyte interactions by enhancing NF- $\kappa$ B-induced up-regulation of adhesion molecules ICAM-1, VCAM-1 and E-selectin. <i>Angiogenesis</i> , <b>2013</b> , 16, 975-83 | 10.6 | 24 |
| 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> , <b>2008</b> , 28, 2123-30          | 9.4  | 23 |
| 23 | 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> , <b>2017</b> , 242, 193-205       | 9.4  | 19 |
| 22 | Lymphatic MAFB regulates vascular patterning during developmental and pathological lymphangiogenesis. <i>Angiogenesis</i> , <b>2020</b> , 23, 411-423   | 10.6 | 17 |
| 21 | Distinct transcriptional responses of lymphatic endothelial cells to VEGFR-3 and VEGFR-2 stimulation. <i>Scientific Data</i> , <b>2017</b> , 4, 170106  | 8.2  | 16 |
| 20 | CD40L gene therapy tilts the myeloid cell profile and promotes infiltration of activated T lymphocytes. <i>Cancer Gene Therapy</i> , <b>2014</b> , 21, 95-102   | 5.4  | 14 |
| 19 | An important role of cutaneous lymphatic vessels in coordinating and promoting anagen hair follicle growth. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220341  | 3.7  | 13 |
| 18 | Transcriptional profiling of breast cancer-associated lymphatic vessels reveals VCAM-1 as regulator of lymphatic invasion and permeability. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 2804-2815     | 7.5  | 12 |
| 17 | Paladin (X99384) is expressed in the vasculature and shifts from endothelial to vascular smooth muscle cells during mouse development. <i>Developmental Dynamics</i> , <b>2012</b> , 241, 770-86                      | 2.9  | 11 |
| 16 | DeepCAGE transcriptomics identify HOXD10 as a transcription factor regulating lymphatic endothelial responses to VEGF-C. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 2573-85                                  | 5.3  | 11 |
| 15 | The tumor organismal environment: Role in tumor development and cancer immunotherapy. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 65, 197-206   | 12.7 | 9  |
| 14 | CD169 lymph node macrophages have protective functions in mouse breast cancer metastasis. <i>Cell Reports</i> , <b>2021</b> , 35, 108993  | 10.6 | 8  |
| 13 | Lymphatic PD-L1 Expression Restricts Tumor-Specific CD8 T-cell Responses. <i>Cancer Research</i> , <b>2021</b> , 81, 4133-4144  | 10.1 | 7  |
| 12 | An important role of podoplanin in hair follicle growth. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219938   | 3.7  | 5  |
| 11 | B-Crystallin regulates expansion of CD11b+Gr-1+ immature myeloid cells during tumor progression. <i>FASEB Journal</i> , <b>2013</b> , 27, 151-62  | 0.9  | 5  |
| 10 | Mechanisms and Clinical Significance of Tumor Lymphatic Invasion. <i>Cells</i> , <b>2021</b> , 10,  | 7.9  | 5  |
| 9  | LETR1 is a lymphatic endothelial-specific lncRNA governing cell proliferation and migration through KLF4 and SEMA3C. <i>Nature Communications</i> , <b>2021</b> , 12, 925   | 17.4 | 4  |

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| 8 | Single-Cell Transcriptional Heterogeneity of Lymphatic Endothelial Cells in Normal and Inflamed Murine Lymph Nodes. <i>Cells</i> , <b>2021</b> , 10,   | 7.9  | 3 |
| 7 | Melanoma-derived extracellular vesicles mediate lymphatic remodelling and impair tumour immunity in draining lymph nodes.. <i>Journal of Extracellular Vesicles</i> , <b>2022</b> , 11, e12197 | 16.4 | 2 |
| 6 | Regulation of Angiogenesis by the Small Heat Shock Protein B-Crystallin. <i>Current Angiogenesis</i> , <b>2012</b> , 1, 39-45  |      | 1 |
| 5 | Single-cell mapping reveals new markers and functions of lymphatic endothelial cells in lymph nodes  |      | 1 |
| 4 | Lymphatic PD-L1 expression restricts tumor-specific CD8+ T cell responses  |      | 1 |
| 3 | Biology of Melanoma Metastasis <b>2019</b> , 147-163   |      |   |
| 2 | Biology of Melanoma Metastasis <b>2018</b> , 1-17  |      |   |
| 1 | Isolation and Fluorescent Labeling of Extracellular Vesicles from Cultured Tumor Cells.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2504, 199-206                                     | 1.4  |   |