

# Lukas Heger

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

900  
citations

471509

17  
h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human lymphoid organ dendritic cell identity is predominantly dictated by ontogeny, not tissue microenvironment. <i>Science Immunology</i> , 2016, 1, .	11.9	145
2	CLEC10A Is a Specific Marker for Human CD1c+ Dendritic Cells and Enhances Their Toll-Like Receptor 7/8-Induced Cytokine Secretion. <i>Frontiers in Immunology</i> , 2018, 9, 744.	4.8	110
3	Direct Delivery of Antigens to Dendritic Cells via Antibodies Specific for Endocytic Receptors as a Promising Strategy for Future Therapies. <i>Vaccines</i> , 2016, 4, 8.	4.4	68
4	Antigen Delivery to CD11c+CD8 $\alpha^+$ Dendritic Cells Induces Protective Immune Responses against Experimental Melanoma in Mice In Vivo. <i>Journal of Immunology</i> , 2014, 192, 5830-5838.	0.8	63
5	Transcriptional control of dendritic cell development and functions. <i>International Review of Cell and Molecular Biology</i> , 2019, 349, 55-151.	3.2	63
6	DC subset $\alpha^+$ -specific induction of T cell responses upon antigen uptake via Fc $\gamma$ 3 receptors in vivo. <i>Journal of Experimental Medicine</i> , 2017, 214, 1509-1528.	8.5	53
7	Subsets of CD1c+ DCs: Dendritic Cell Versus Monocyte Lineage. <i>Frontiers in Immunology</i> , 2020, 11, 559166.	4.8	41
8	Select hyperactivating NLRP3 ligands enhance the T <sub>H</sub> 1- and T <sub>H</sub> 17-inducing potential of human type 2 conventional dendritic cells. <i>Science Signaling</i> , 2021, 14, .	3.6	36
9	Molecular dynamics simulations of the delta and omicron SARS-CoV-2 spike $\alpha^+$ ACE2 complexes reveal distinct changes between both variants. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1168-1176.	4.1	32
10	The ontogenetic path of human dendritic cells. <i>Molecular Immunology</i> , 2020, 120, 122-129.	2.2	31
11	Mutations in the B.1.1.7 SARS-CoV-2 Spike Protein Reduce Receptor-Binding Affinity and Induce a Flexible Link to the Fusion Peptide. <i>Biomedicines</i> , 2021, 9, 525.	3.2	28
12	Harnessing the Complete Repertoire of Conventional Dendritic Cell Functions for Cancer Immunotherapy. <i>Pharmaceutics</i> , 2020, 12, 663.	4.5	24
13	Maturation of Monocyte-Derived DCs Leads to Increased Cellular Stiffness, Higher Membrane Fluidity, and Changed Lipid Composition. <i>Frontiers in Immunology</i> , 2020, 11, 590121.	4.8	24
14	Melanocytes as emerging key players in niche regulation of limbal epithelial stem cells. <i>Ocular Surface</i> , 2021, 22, 172-189.	4.4	23
15	Impaired gp100-Specific CD8 + T-Cell Responses in the Presence of Myeloid-Derived Suppressor Cells in a Spontaneous Mouse Melanoma Model. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2785-2793.	0.7	19
16	Inflammasomes in dendritic cells: Friend or foe?. <i>Immunology Letters</i> , 2021, 234, 16-32.	2.5	19
17	Monocyte-Derived Signals Activate Human Natural Killer Cells in Response to Leishmania Parasites. <i>Frontiers in Immunology</i> , 2018, 9, 24.	4.8	18
18	Computational decomposition reveals reshaping of the SARS $\alpha^+$ CoV $\alpha^+$ ACE2 interface among viral variants expressing the N501Y mutation. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1863-1872.	2.6	17

#	ARTICLE	IF	CITATIONS
19	Loading of Primary Human T Lymphocytes with Citrate-Coated Superparamagnetic Iron Oxide Nanoparticles Does Not Impair Their Activation after Polyclonal Stimulation. <i>Cells</i> , 2020, 9, 342.	4.1	14
20	Easy performance of 6-color confocal immunofluorescence with 4-laser line microscopes. <i>Immunology Letters</i> , 2014, 161, 1-5.	2.5	13
21	The Effect of Hyperthermia and Radiotherapy Sequence on Cancer Cell Death and the Immune Phenotype of Breast Cancer Cells. <i>Cancers</i> , 2022, 14, 2050.	3.7	13
22	Functional Specialization of Dendritic Cell Subsets. , 2016, , 588-604.		11
23	Characterization and Manipulation of the Crosstalk Between Dendritic and Natural Killer Cells Within the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 670540.	4.8	10
24	Human Fc $\gamma$ 3-receptor IIb modulates pathogen-specific versus self-reactive antibody responses in lyme arthritis. <i>ELife</i> , 2020, 9, .	6.0	8
25	Systems Immunology Approaches for Understanding of Primary Dendritic Cell Subpopulations in the Past, Present and Future. , 2021, , 501-510.		4
26	Specific phenotype and function of CD56-expressing innate immune cell subsets in human thymus. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1297-1310.	3.3	3
27	Six-Color Confocal Immunofluorescence Microscopy with 4-Laser Lines. <i>Methods in Molecular Biology</i> , 2021, 2350, 21-30.	0.9	3
28	Monocytes Elicit a Neutrophil-Independent Th1/Th17 Response Upon Immunization With a Mincle-Dependent Glycolipid Adjuvant. <i>Frontiers in Immunology</i> , 2022, 13, 880474.	4.8	3
29	Analysis of dendritic cells in human lymphoid organs. <i>Journal of Translational Medicine</i> , 2012, 10, O3.	4.4	0