Lukas Heger

List of Publications by Year
in descending order

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	Molecular dynamics simulations of the delta and omicron SARS-CoV-2 spike â€“ ACE2 complexes reveal distinct changes between both variants. Computational and Structural Biotechnology Journal, 2022, 20, 1168-1176.	4.1	32
2	The Effect of Hyperthermia and Radiotherapy Sequence on Cancer Cell Death and the Immune Phenotype of Breast Cancer Cells. Cancers, 2022, 14, 2050.	3.7	13
3	Monocytes Elicit a Neutrophil-Independent Th1/Th17 Response Upon Immunization With a Mincle-Dependent Glycolipid Adjuvant. Frontiers in Immunology, 2022, 13, 880474.	4.8	3
4	Six-Color Confocal Immunofluorescence Microscopy with 4-Laser Lines. Methods in Molecular Biology, 2021, 2350, 21-30.	0.9	3
5	Systems Immunology Approaches for Understanding of Primary Dendritic Cell Subpopulations in the Past, Present and Future. , 2021, , 501-510.		4
6	Select hyperactivating NLRP3 ligands enhance the T _H 1- and T _H 17-inducing potential of human type 2 conventional dendritic cells. Science Signaling, 2021, 14, .	3.6	36
7	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. Biomedicines, 2021, 9, 525.	3.2	28
8	Characterization and Manipulation of the Crosstalk Between Dendritic and Natural Killer Cells Within the Tumor Microenvironment. Frontiers in Immunology, 2021, 12, 670540.	4.8	10
9	Inflammasomes in dendritic cells: Friend or foe?. Immunology Letters, 2021, 234, 16-32.	2.5	19
10	Computational decomposition reveals reshaping of the SARSâ€CoVâ€2â€“ACE2 interface among viral variants expressing the N501Y mutation. Journal of Cellular Biochemistry, 2021, 122, 1863-1872.	2.6	17
11	Melanocytes as emerging key players in niche regulation of limbal epithelial stem cells. Ocular Surface, 2021, 22, 172-189.	4.4	23
12	Harnessing the Complete Repertoire of Conventional Dendritic Cell Functions for Cancer Immunotherapy. Pharmaceutics, 2020, 12, 663.	4.5	24
13	Subsets of CD1c+ DCs: Dendritic Cell Versus Monocyte Lineage. Frontiers in Immunology, 2020, 11, 559166.	4.8	41
14	Maturation of Monocyte-Derived DCs Leads to Increased Cellular Stiffness, Higher Membrane Fluidity, and Changed Lipid Composition. Frontiers in Immunology, 2020, 11, 590121.	4.8	24
15	The ontogenetic path of human dendritic cells. Molecular Immunology, 2020, 120, 122-129.	2.2	31
16	Loading of Primary Human T Lymphocytes with Citrate-Coated Superparamagnetic Iron Oxide Nanoparticles Does Not Impair Their Activation after Polyclonal Stimulation. Cells, 2020, 9, 342.	4.1	14
17	Human Fcî³-receptor IIb modulates pathogen-specific versus self-reactive antibody responses in lyme arthritis. ELife, 2020, 9, .	6.0	8
18	Transcriptional control of dendritic cell development and functions. International Review of Cell and Molecular Biology, 2019, 349, 55-151.	3.2	63

#	Article	IF	Citations
19	Monocyte-Derived Signals Activate Human Natural Killer Cells in Response to Leishmania Parasites. Frontiers in Immunology, 2018, 9, 24.	4.8	18
20	CLEC10A Is a Specific Marker for Human CD1c+ Dendritic Cells and Enhances Their Toll-Like Receptor 7/8-Induced Cytokine Secretion. Frontiers in Immunology, 2018, 9, 744.	4.8	110
21	DC subsetâ€“specific induction of T cell responses upon antigen uptake via FcÎ³ receptors in vivo. Journal of Experimental Medicine, 2017, 214, 1509-1528.	8.5	53
22	Direct Delivery of Antigens to Dendritic Cells via Antibodies Specific for Endocytic Receptors as a Promising Strategy for Future Therapies. Vaccines, 2016, 4, 8.	4.4	68
23	Functional Specialization of Dendritic Cell Subsets. , 2016, , 588-604.		11
24	Human lymphoid organ dendritic cell identity is predominantly dictated by ontogeny, not tissue microenvironment. Science Immunology, 2016, 1, .	11.9	145
25	Specific phenotype and function of CD56-expressing innate immune cell subsets in human thymus. Journal of Leukocyte Biology, 2016, 100, 1297-1310.	3.3	3
26	Impaired gp100-Specific CD8 + T-Cell Responses in the Presence of Myeloid-Derived Suppressor Cells in a Spontaneous Mouse Melanoma Model. Journal of Investigative Dermatology, 2015, 135, 2785-2793.	0.7	19
27	Easy performance of 6-color confocal immunofluorescence with 4-laser line microscopes. Immunology Letters, 2014, 161, 1-5.	2.5	13
28	Antigen Delivery to CD11c+CD8â^' Dendritic Cells Induces Protective Immune Responses against Experimental Melanoma in Mice In Vivo. Journal of Immunology, 2014, 192, 5830-5838.	0.8	63
29	Analysis of dendritic cells in human lymphoid organs. Journal of Translational Medicine, 2012, 10, O3.	4.4	0