

Eik Hoffmann

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,188
citations

361045

20
h-index

454577

30
g-index

33
all docs

33
docs citations

33
times ranked

4756
citing authors

#	ARTICLE	IF	CITATIONS
1	Yolk Sac Macrophages, Fetal Liver, and Adult Monocytes Can Colonize an Empty Niche and Develop into Functional Tissue-Resident Macrophages. <i>Immunity</i> , 2016, 44, 755-768.	6.6	478
2	Titanium dioxide nanoparticles induce oxidative stress and DNA-adduct formation but not DNA-breakage in human lung cells. <i>Particle and Fibre Toxicology</i> , 2009, 6, 17.	2.8	274
3	The unfolded-protein-response sensor IRE-1 β regulates the function of CD81 β dendritic cells. <i>Nature Immunology</i> , 2014, 15, 248-257.	7.0	223
4	Patterns, Receptors, and Signals: Regulation of Phagosome Maturation. <i>Trends in Immunology</i> , 2017, 38, 407-422.	2.9	191
5	Toll-like Receptor 4 Engagement on Dendritic Cells Restrains Phago-Lysosome Fusion and Promotes Cross-Presentation of Antigens. <i>Immunity</i> , 2015, 43, 1087-1100.	6.6	160
6	Reactive Oxygen Species Production in the Phagosome: Impact on Antigen Presentation in Dendritic Cells. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 714-729.	2.5	117
7	Autonomous phagosomal degradation and antigen presentation in dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14556-14561.	3.3	76
8	Integrated network reconstruction, visualization and analysis using YANAsquare. <i>BMC Bioinformatics</i> , 2007, 8, 313.	1.2	75
9	Synthesis of the compatible solutes glucosylglycerol and trehalose by salt-stressed cells of <i>Stenotrophomonas strains</i> . <i>FEMS Microbiology Letters</i> , 2005, 243, 219-226.	0.7	66
10	Ezrin Promotes Actin Assembly at the Phagosome Membrane and Regulates Phago-Lysosomal Fusion. <i>Traffic</i> , 2011, 12, 421-437.	1.3	61
11	Comparison of Micro- and Nanoscale Fe ³⁺ -Containing (Hematite) Particles for Their Toxicological Properties in Human Lung Cells In Vitro. <i>Toxicological Sciences</i> , 2012, 126, 173-182.	1.4	47
12	Alteration of the gut microbiota following SARS-CoV-2 infection correlates with disease severity in hamsters. <i>Gut Microbes</i> , 2022, 14, 2018900.	4.3	47
13	Dynamin A, Myosin IB and Abp1 Couple Phagosome Maturation to F-Actin Binding. <i>Traffic</i> , 2012, 13, 120-130.	1.3	42
14	Intrinsic Antibacterial Activity of Nanoparticles Made of β -Cyclodextrins Potentiates Their Effect as Drug Nanocarriers against Tuberculosis. <i>ACS Nano</i> , 2019, 13, 3992-4007.	7.3	42
15	Proteomics of Mycobacterium Infection: Moving towards a Better Understanding of Pathogen-Driven Immunomodulation. <i>Frontiers in Immunology</i> , 2018, 9, 86.	2.2	37
16	Host-directed therapies offer novel opportunities for the fight against tuberculosis. <i>Drug Discovery Today</i> , 2017, 22, 1250-1257.	3.2	35
17	Sphingosine-1-phosphate receptors stimulate macrophage plasma-membrane actin assembly via ADP release, ATP synthesis and P2X7R activation. <i>Journal of Cell Science</i> , 2009, 122, 505-512.	1.2	30
18	Initial receptor-ligand interactions modulate gene expression and phagosomal properties during both early and late stages of phagocytosis. <i>European Journal of Cell Biology</i> , 2010, 89, 693-704.	1.6	25

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19	Arf <i>GAP</i> 1 restricts <i>Mycobacterium tuberculosis</i> entry by controlling the actin cytoskeleton. <i>EMBO Reports</i> , 2018, 19, 29-42.	2.0	23
20	Cellular uptake and cytotoxic potential of respirable bentonite particles with different quartz contents and chemical modifications in human lung fibroblasts. <i>Archives of Toxicology</i> , 2006, 80, 98-106.	1.9	21
21	Spatiotemporal Changes of the Phagosomal Proteome in Dendritic Cells in Response to LPS Stimulation*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 909a-922.	2.5	19
22	Paradoxical Roles of the MAL/Tirap Adaptor in Pathologies. <i>Frontiers in Immunology</i> , 2020, 11, 569127.	2.2	16
23	Aconitate decarboxylase 1 participates in the control of pulmonary <i>Brucella</i> infection in mice. <i>PLoS Pathogens</i> , 2021, 17, e1009887.	2.1	15
24	The EU approved antimalarial pyronaridine shows antitubercular activity and synergy with rifampicin, targeting RNA polymerase. <i>Tuberculosis</i> , 2018, 112, 98-109.	0.8	12
25	The UPR sensor IRE1 β promotes dendritic cell responses to control <i>Toxoplasma gondii</i> infection. <i>EMBO Reports</i> , 2021, 22, e49617.	2.0	12
26	Analysis of Phagosomal Antigen Degradation by Flow Organelloctometry. <i>Bio-protocol</i> , 2016, 6, .	0.2	9
27	Evaluation of Cross-presentation in Bone Marrow-derived Dendritic Cells in vitro and Splenic Dendritic Cells ex vivo Using Antigen-coated Beads. <i>Bio-protocol</i> , 2016, 6, .	0.2	8
28	Host-pathogen systems for early drug discovery against tuberculosis. <i>Current Opinion in Microbiology</i> , 2017, 39, 143-151.	2.3	8
29	High-Content Analysis Monitoring Intracellular Trafficking and Replication of <i>Mycobacterium tuberculosis</i> Inside Host Cells. <i>Methods in Molecular Biology</i> , 2021, 2314, 649-702.	0.4	4
30	T(oo)bAd. <i>Nature Chemical Biology</i> , 2019, 15, 849-850.	3.9	1
31	Autonomous antigen degradation and presentation in dendritic cell phagosomes. <i>Molecular Immunology</i> , 2012, 51, 6.	1.0	0