Tobias M Hohl

List of Publications by Year
in descending order

74 papers	6,874 citations	94381 37 h-index	85498 71 g-index
83 all docs	83 docs citations	83 times ranked	10741 citing authors

#	Article	IF	Citations
1	Monocyte-Mediated Defense Against Microbial Pathogens. Annual Review of Immunology, 2008, 26, 421-452.	9.5	945
2	Determinants of COVID-19 disease severity in patients with cancer. Nature Medicine, 2020, 26, 1218-1223.	15.2	501
3	Bone Marrow Mesenchymal Stem and Progenitor Cells Induce Monocyte Emigration in Response to Circulating Toll-like Receptor Ligands. Immunity, 2011, 34, 590-601.	6.6	425
4	Aspergillus fumigatus Triggers Inflammatory Responses by Stage-Specific Î²-Glucan Display. PLoS Pathogens, 2005, 1, e30.	2.1	377
5	Inflammatory Monocytes Facilitate Adaptive CD4 T Cell Responses during Respiratory Fungal Infection. Cell Host and Microbe, 2009, 6, 470-481.	5.1	301
6	The gut microbiota is associated with immune cell dynamics in humans. Nature, 2020, 588, 303-307.	13.7	273
7	Aspergillus fumigatus: Principles of Pathogenesis and Host Defense. Eukaryotic Cell, 2007, 6, 1953-1963.	3.4	214
8	In vivo Hypoxia and a Fungal Alcohol Dehydrogenase Influence the Pathogenesis of Invasive Pulmonary Aspergillosis. PLoS Pathogens, 2011, 7, e1002145.	2.1	208
9	Essential Role for Neutrophils but not Alveolar Macrophages at Early Time Points followingAspergillus fumigatusInfection. Journal of Infectious Diseases, 2009, 200, 647-656.	1.9	201
10	High-resolution mycobiota analysis reveals dynamic intestinal translocation preceding invasive candidiasis. Nature Medicine, 2020, 26, 59-64.	15.2	193
11	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. PLoS Pathogens, 2015, 11, e1005293.	2.1	184
12	Fungal apoptosis: function, genes and gene function. FEMS Microbiology Reviews, 2009, 33, 833-854.	3.9	167
13	CARD9+ microglia promote antifungal immunity via IL-1Î²- and CXCL1-mediated neutrophil recruitment. Nature Immunology, 2019, 20, 559-570.	7.0	162
14	Inflammatory Monocytes Orchestrate Innate Antifungal Immunity in the Lung. PLoS Pathogens, 2014, 10, e1003940.	2.1	154
15	Anti-Apoptotic Machinery Protects the Necrotrophic Fungus Botrytis cinerea from Host-Induced Apoptotic-Like Cell Death during Plant Infection. PLoS Pathogens, 2011, 7, e1002185.	2.1	147
16	Heterogeneity among Isolates Reveals that Fitness in Low Oxygen Correlates with Aspergillus fumigatus Virulence. MBio, 2016, 7, .	1.8	131
17	Zinc and Manganese Chelation by Neutrophil S100A8/A9 (Calprotectin) Limits Extracellular Aspergillus fumigatus Hyphal Growth and Corneal Infection. Journal of Immunology, 2016, 196, 336-344.	0.4	130
18	Intestinal Monocyte-Derived Macrophages Control Commensal-Specific Th17 Responses. Cell Reports, 2015, 12, 1314-1324.	2.9	119

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19	Tracing Conidial Fate and Measuring Host Cell Antifungal Activity Using a Reporter of Microbial Viability in the Lung. Cell Reports, 2012, 2, 1762-1773.	2.9	113
20	Inflammatory Monocytes Mediate Early and Organ-Specific Innate Defense During Systemic Candidiasis. Journal of Infectious Diseases, 2014, 209, 109-119.	1.9	113
21	Selective Expansion of the Monocytic Lineage Directed by Bacterial Infection. Journal of Immunology, 2009, 183, 1900-1910.	0.4	107
22	Immunity against fungi. JCI Insight, 2017, 2, .	2.3	105
23	Favorable outcomes of COVID-19 in recipients of hematopoietic cell transplantation. Journal of Clinical Investigation, 2020, 130, 6656-6667.	3.9	101
24	Global guideline for the diagnosis and management of the endemic mycoses: an initiative of the European Confederation of Medical Mycology in cooperation with the International Society for Human and Animal Mycology. Lancet Infectious Diseases, The, 2021, 21, e364-e374.	4.6	99
25	Compartment-Specific and Sequential Role of MyD88 and CARD9 in Chemokine Induction and Innate Defense during Respiratory Fungal Infection. PLoS Pathogens, 2015, 11, e1004589.	2.1	93
26	Sterilizing immunity in the lung relies on targeting fungal apoptosis-like programmed cell death. Science, 2017, 357, 1037-1041.	6.0	92
27	Validation of single nucleotide polymorphisms in invasive aspergillosis following hematopoietic cell transplantation. Blood, 2017, 129, 2693-2701.	0.6	80
28	Immunity to fungi. Current Opinion in Immunology, 2006, 18, 465-472.	2.4	77
29	Myeloid Derived Hypoxia Inducible Factor 1-alpha Is Required for Protection against Pulmonary Aspergillus fumigatus Infection. PLoS Pathogens, 2014, 10, e1004378.	2.1	71
30	Interleukin 1Î± Is Critical for Resistance against Highly Virulent Aspergillus fumigatus Isolates. Infection and Immunity, 2017, 85, .	1.0	65
31	Overview of vertebrate animal models of fungal infection. Journal of Immunological Methods, 2014, 410, 100-112.	0.6	58
32	Bacterial immunotherapy for cancer induces CD4-dependent tumor-specific immunity through tumor-intrinsic interferon-Î³ signaling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18627-18637.	3.3	58
33	Monocyte-mediated defense against bacteria, fungi, and parasites. Seminars in Immunology, 2015, 27, 397-409.	2.7	56
34	Role of Granulocyte-Macrophage Colony-Stimulating Factor Signaling in Regulating Neutrophil Antifungal Activity and the Oxidative Burst During Respiratory Fungal Challenge. Journal of Infectious Diseases, 2016, 213, 1289-1298.	1.9	52
35	During Aspergillus Infection, Monocyte-Derived DCs, Neutrophils, and Plasmacytoid DCs Enhance Innate Immune Defense through CXCR3-Dependent Crosstalk. Cell Host and Microbe, 2020, 28, 104-116.e4.	5.1	52
36	Rapid transcriptional and metabolic adaptation of intestinal microbes to host immune activation. Cell Host and Microbe, 2021, 29, 378-393.e5.	5.1	52

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37	Inflammatory monocytes are detrimental to the host immune response during acute infection with Cryptococcus neoformans. PLoS Pathogens, 2019, 15, e1007627.	2.1	42
38	Apoptotic-like programed cell death in fungi: the benefits in filamentous species. Frontiers in Oncology, 2012, 2, 97.	1.3	40
39	Menacing Mold: Recent Advances in Aspergillus Pathogenesis and Host Defense. Journal of Molecular Biology, 2019, 431, 4229-4246.	2.0	36
40	Haematopoietic cell transplantation outcomes are linked to intestinal mycobiota dynamics and an expansion of Candida parapsilosis complex species. Nature Microbiology, 2021, 6, 1505-1515.	5.9	35
41	Apoptosis-like programmed cell death in the grey mould fungus Botrytis cinerea: genes and their role in pathogenicity. Biochemical Society Transactions, 2011, 39, 1493-1498.	1.6	27
42	The Effect of Neutropenia and Filgrastim (G-CSF) on Cancer Patients With Coronavirus Disease 2019 (COVID-19) Infection. Clinical Infectious Diseases, 2022, 74, 567-574.	2.9	26
43	Immune responses to invasive aspergillosis: new understanding and therapeutic opportunities. Current Opinion in Infectious Diseases, 2017, 30, 364-371.	1.3	24
44	Minority report: the intestinal mycobiota in systemic infections. Current Opinion in Microbiology, 2020, 56, 1-6.	2.3	24
45	Nitric Oxide Regulates BAFF Expression and T Cellâ€“Independent Antibody Responses. Journal of Immunology, 2014, 193, 1110-1120.	0.4	23
46	American Society of Transplantation and Cellular Therapy Series, 2: Management and Prevention of Aspergillosis in Hematopoietic Cell Transplantation Recipients. Transplantation and Cellular Therapy, 2021, 27, 201-211.	0.6	23
47	Flow Cytometry of Lung and Bronchoalveolar Lavage Fluid Cells from Mice Challenged with Fluorescent Aspergillus Reporter (FLARE) Conidia. Bio-protocol, 2016, 6, .	0.2	21
48	Candida albicans Isolates 529L and CHN1 Exhibit Stable Colonization of the Murine Gastrointestinal Tract. MBio, 2021, 12, e0287821.	1.8	21
49	Deploying FLAREs to Visualize Functional Outcomes of Hostâ€”Pathogen Encounters. PLoS Pathogens, 2015, 11, e1004912.	2.1	20
50	Antibiotic Degradation by Commensal Microbes Shields Pathogens. Infection and Immunity, 2020, 88, .	1.0	17
51	Live Imaging of Antifungal Activity by Human Primary Neutrophils and Monocytes in Response to A. fumigatus. Journal of Visualized Experiments, 2017, , .	0.2	16
52	Platelets are critical for survival and tissue integrity during murine pulmonary Aspergillus fumigatus infection. PLoS Pathogens, 2020, 16, e1008544.	2.1	16
53	A CCR2+ myeloid cell niche required for pancreatic Î² cell growth. JCI Insight, 2017, 2, .	2.3	16
54	Call to Action: How to Tackle Emerging Nosocomial Fungal Infections. Cell Host and Microbe, 2020, 27, 859-862.	5.1	15

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55	Stage-specific innate immune recognition ofAspergillus fumigatusand modulation by echinocandin drugs. Medical Mycology, 2009, 47, S192-S198.	0.3	12
56	Enhancing mucosal immunity by transient microbiota depletion. Nature Communications, 2020, 11, 4475.	5.8	12
57	Fungal Infections Associated With the Use of Novel Immunotherapeutic Agents. Current Clinical Microbiology Reports, 2020, 7, 142-149.	1.8	12
58	New advances in invasive aspergillosis immunobiology leading the way towards personalized therapeutic approaches. Cytokine, 2016, 84, 63-73.	1.4	10
59	Mycobiota dysbiosis and gastric tumorigenesis. Theranostics, 2021, 11, 7488-7490.	4.6	10
60	BCAP inhibits proliferation and differentiation of myeloid progenitors in the steady state and during demand situations. Blood, 2017, 129, 1503-1513.	0.6	9
61	Aspergillus fumigatus Strain-Specific Conidia Lung Persistence Causes an Allergic Broncho-Pulmonary Aspergillosis-Like Disease Phenotype. MSphere, 2021, 6, .	1.3	9
62	Mitochondrial Reactive Oxygen Species Enhance Alveolar Macrophage Activity against Aspergillus fumigatus but Are Dispensable for Host Protection. MSphere, 2021, 6, e0026021.	1.3	9
63	Customization of a DADA2-based pipeline for fungal internal transcribed spacer 1 (ITS1) amplicon data sets. JCI Insight, 2022, 7, .	2.3	9
64	Measurement of apoptosis by SCANÂ©, a system for counting and analysis of fluorescently labelled nuclei. Microbial Cell, 2014, 1, 406-415.	1.4	7
65	DAP12 Inhibits Pulmonary Immune Responses to Cryptococcus neoformans. Infection and Immunity, 2016, 84, 1879-1886.	1.0	6
66	Identification of a novel Candida metapsilosis isolate reveals multiple hybridization events. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	6
67	Clinical and Genomic Characterization of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS) Tj ETQq1 1 0.784314 rgBT /Overlock Diseases, 2022, 75, e774-e782.	2.9	5
68	Calnexin Bridges the Gap toward a Pan-Fungal Vaccine. Cell Host and Microbe, 2015, 17, 421-423.	5.1	4
69	Translocation from nuclei to cytoplasm is necessary for anti Aâ€PCD activity and turnover of the Type II IAP BcBir1. Molecular Microbiology, 2016, 99, 393-406.	1.2	4
70	Response to Comment on â€œSterilizing immunity in the lung relies on targeting fungal apoptosis-like programmed cell deathâ€• Science, 2018, 360, .	6.0	1
71	Exploring Candida auris in its habitat. Cell Host and Microbe, 2021, 29, 150-151.	5.1	1
72	Fungal Bioreporters to Monitor Outcomes of Aspergillus: Hostâ€“Cell Interactions. Methods in Molecular Biology, 2021, 2260, 121-132.	0.4	0

#	Article	IF	Citations
73	Fungal Bioreporters to Monitor Outcomes of Blastomyces: Hostâ€“Cell Interactions. Methods in Molecular Biology, 2021, 2260, 111-119.	0.4	0
74	Monocytic CCR2+ Myeloid Derived Suppressor Cells Promote Immune Escape by Limiting Activated CD8 T Cell Infiltration Into the Tumor Microenvironment. Blood, 2011, 118, 2171-2171.	0.6	0