

# Marcel WÃ¼thrich

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

3,376  
citations

168829

31  
h-index

169272

56  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in Host Resistance to <i>Blastomyces dermatitidis</i> : Potential Use of Genetic Reference Panels and Advances in Immunophenotyping of Diverse Mouse Strains. <i>MBio</i> , 2022, , e0340021.	1.8	2
2	SLAMF1 Is Dispensable for Vaccine-Induced T Cell Development but Required for Resistance to Fungal Infection. <i>Journal of Immunology</i> , 2022, 208, 1417-1423.	0.4	2
3	Structural basis of <i>Blastomyces</i> Endoglucanase-2 adjuvancy in anti-fungal and -viral immunity. <i>PLoS Pathogens</i> , 2021, 17, e1009324.	2.1	7
4	The Known Unknowns of the Immune Response to <i>Coccidioides</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 377.	1.5	6
5	Combination Adjuvants Enhance Recombinant Protein Vaccine Protection against Fungal Infection. <i>MBio</i> , 2021, 12, e0201821.	1.8	5
6	Antigen discovery unveils resident memory and migratory cell roles in antifungal resistance. <i>Mucosal Immunology</i> , 2020, 13, 518-529.	2.7	15
7	CARD9-Associated Dectin-1 and Dectin-2 Are Required for Protective Immunity of a Multivalent Vaccine against <i>Coccidioides posadasii</i> Infection. <i>Journal of Immunology</i> , 2020, 204, 3296-3306.	0.4	19
8	Early immune response against <i>Fonsecaea pedrosoi</i> requires Dectin-2-mediated Th17 activity, whereas Th1 response, aided by Treg cells, is crucial for fungal clearance in later stage of experimental chromoblastomycosis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008386.	1.3	11
9	Title is missing!. , 2020, 14, e0008386.		0
10	Title is missing!. , 2020, 14, e0008386.		0
11	Title is missing!. , 2020, 14, e0008386.		0
12	Title is missing!. , 2020, 14, e0008386.		0
13	Infectious particle identity determines dissemination and disease outcome for the inhaled human fungal pathogen <i>Cryptococcus</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007777.	2.1	48
14	Investigation of Genetic Susceptibility to Blastomycosis Reveals Interleukin-6 as a Potential Susceptibility Locus. <i>MBio</i> , 2019, 10, .	1.8	30
15	Virally-vectored vaccine candidates against white-nose syndrome induce anti-fungal immune response in little brown bats ( <i>Myotis lucifugus</i> ). <i>Scientific Reports</i> , 2019, 9, 6788.	1.6	45
16	Myeloid C-type lectin receptors that recognize fungal mannans interact with <i>Pneumocystis</i> organisms and major surface glycoprotein. <i>Journal of Medical Microbiology</i> , 2019, 68, 1649-1654.	0.7	14
17	O-Mannosylation of Proteins Enables <i>Histoplasma</i> Yeast Survival at Mammalian Body Temperatures. <i>MBio</i> , 2018, 9, .	1.8	8
18	CRISPR/Cas9-Mediated Gene Disruption Reveals the Importance of Zinc Metabolism for Fitness of the Dimorphic Fungal Pathogen <i>Blastomyces dermatitidis</i> . <i>MBio</i> , 2018, 9, .	1.8	55

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19	Lung Epithelial Cells Coordinate Innate Lymphocytes and Immunity against Pulmonary Fungal Infection. <i>Cell Host and Microbe</i> , 2018, 23, 511-522.e5.	5.1	62
20	Dectin-2 Is a C-Type Lectin Receptor that Recognizes <i>Pneumocystis</i> and Participates in Innate Immune Responses. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 232-240.	1.4	27
21	<i>Aspergillus fumigatus</i> Copper Export Machinery and Reactive Oxygen Intermediate Defense Counter Host Copper-Mediated Oxidative Antimicrobial Offense. <i>Cell Reports</i> , 2017, 19, 1008-1021.	2.9	95
22	The Interaction of <i>Pneumocystis</i> with the C-Type Lectin Receptor Mincle Exerts a Significant Role in Host Defense against Infection. <i>Journal of Immunology</i> , 2017, 198, 3515-3525.	0.4	45
23	Characterization of C-type lectins reveals an unexpectedly limited interaction between <i>Cryptococcus neoformans</i> spores and Dectin-1. <i>PLoS ONE</i> , 2017, 12, e0173866.	1.1	31
24	Antifungal Tc17 cells are durable and stable, persisting as long-lasting vaccine memory without plasticity towards IFN $\gamma$ cells. <i>PLoS Pathogens</i> , 2017, 13, e1006356.	2.1	36
25	Ligation of Dectin-2 with a novel microbial ligand promotes adjuvant activity for vaccination. <i>PLoS Pathogens</i> , 2017, 13, e1006568.	2.1	26
26	The Eng1 $\beta$ -Glucanase Enhances <i>Histoplasma</i> Virulence by Reducing $\beta$ -Glucan Exposure. <i>MBio</i> , 2016, 7, e01388-15.	1.8	76
27	Transcription Factor KLF2 in Dendritic Cells Downregulates Th2 Programming via the HIF-1 $\beta$ /Jagged2/Notch Axis. <i>MBio</i> , 2016, 7, .	1.8	32
28	Mannose Receptor Is Required for Optimal Induction of Vaccine-Induced T-Helper Type 17 Cells and Resistance to <i>Blastomyces dermatitidis</i> Infection. <i>Journal of Infectious Diseases</i> , 2016, 213, 1762-1766.	1.9	11
29	Fungal Mimicry of a Mammalian Aminopeptidase Disables Innate Immunity and Promotes Pathogenicity. <i>Cell Host and Microbe</i> , 2016, 19, 361-374.	5.1	41
30	The C-Type Lectin Receptor MCL Mediates Vaccine-Induced Immunity against Infection with <i>Blastomyces dermatitidis</i> . <i>Infection and Immunity</i> , 2016, 84, 635-642.	1.0	26
31	MyD88 Shapes Vaccine Immunity by Extrinsically Regulating Survival of CD4 <sup>+</sup> T Cells during the Contraction Phase. <i>PLoS Pathogens</i> , 2016, 12, e1005787.	2.1	7
32	<i>Fonsecaea pedrosoi</i> -induced Th17 cell differentiation in mice is fostered by Dectin-2 and suppressed by Mincle recognition. <i>European Journal of Immunology</i> , 2015, 45, 2542-2552.	1.6	57
33	The Unappreciated Intracellular Lifestyle of <i>Blastomyces dermatitidis</i> . <i>Journal of Immunology</i> , 2015, 194, 1796-1805.	0.4	34
34	Adaptive Immunity to Fungi. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a019612-a019612.	2.9	85
35	T Cell Receptor Cross-Reactivity between Similar Foreign and Self Peptides Influences Naive Cell Population Size and Autoimmunity. <i>Immunity</i> , 2015, 42, 95-107.	6.6	144
36	Calnexin Induces Expansion of Antigen-Specific CD4 <sup>+</sup> T Cells that Confer Immunity to Fungal Ascomycetes via Conserved Epitopes. <i>Cell Host and Microbe</i> , 2015, 17, 452-465.	5.1	58

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37	Intrinsic MyD88-Akt1-mTOR Signaling Coordinates Disparate Tc17 and Tc1 Responses during Vaccine Immunity against Fungal Pneumonia. <i>PLoS Pathogens</i> , 2015, 11, e1005161.	2.1	39
38	C-Type Lectin Receptors Differentially Induce Th17 Cells and Vaccine Immunity to the Endemic Mycosis of North America. <i>Journal of Immunology</i> , 2014, 192, 1107-1119.	0.4	88
39	Interleukin-1 Receptor but Not Toll-Like Receptor 2 Is Essential for MyD88-Dependent Th17 Immunity to <i>Coccidioides</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 2106-2114.	1.0	33
40	Isolation of <i>Blastomyces dermatitidis</i> yeast from lung tissue during murine infection for in vivo transcriptional profiling. <i>Fungal Genetics and Biology</i> , 2013, 56, 1-8.	0.9	7
41	Interleukin 1 Enhances Vaccine-Induced Antifungal T-Helper 17 Cells and Resistance Against <i>Blastomyces dermatitidis</i> Infection. <i>Journal of Infectious Diseases</i> , 2013, 208, 1175-1182.	1.9	24
42	Structure and Function of a Fungal Adhesin that Binds Heparin and Mimics Thrombospondin-1 by Blocking T Cell Activation and Effector Function. <i>PLoS Pathogens</i> , 2013, 9, e1003464.	2.1	28
43	Novel Strategies to Enhance Vaccine Immunity against <i>Coccidioidomycosis</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003768.	2.1	30
44	Tc17 Cells Mediate Vaccine Immunity against Lethal Fungal Pneumonia in Immune Deficient Hosts Lacking CD4+ T Cells. <i>PLoS Pathogens</i> , 2012, 8, e1002771.	2.1	89
45	Limited Model Antigen Expression by Transgenic Fungi Induces Disparate Fates during Differentiation of Adoptively Transferred T Cell Receptor Transgenic CD4+T Cells: Robust Activation and Proliferation with Weak Effector Function during Recall. <i>Infection and Immunity</i> , 2012, 80, 787-797.	1.0	5
46	Fungi Subvert Vaccine T Cell Priming at the Respiratory Mucosa by Preventing Chemokine-Induced Influx of Inflammatory Monocytes. <i>Immunity</i> , 2012, 36, 680-692.	6.6	62
47	Immunity to fungi. <i>Current Opinion in Immunology</i> , 2012, 24, 449-458.	2.4	121
48	Adaptive Immunity to Fungi. <i>Annual Review of Immunology</i> , 2012, 30, 115-148.	9.5	181
49	Protective antifungal memory CD8+ T cells are maintained in the absence of CD4+ T cell help and cognate antigen in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 987-999.	3.9	57
50	Vaccine Immunity to <i>Coccidioidomycosis</i> Occurs by Early Activation of Three Signal Pathways of T Helper Cell Response (Th1, Th2, and Th17). <i>Infection and Immunity</i> , 2011, 79, 4511-4522.	1.0	87
51	Safety, Tolerability, and Immunogenicity of a Recombinant, Genetically Engineered, Live-Attenuated Vaccine against Canine <i>Blastomyces</i> . <i>Vaccine Journal</i> , 2011, 18, 783-789.	3.2	25
52	A TCR Transgenic Mouse Reactive with Multiple Systemic Dimorphic Fungi. <i>Journal of Immunology</i> , 2011, 187, 1421-1431.	0.4	43
53	Vaccine-induced protection against 3 systemic mycoses endemic to North America requires Th17 cells in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 554-568.	3.9	201
54	Dynamic Interplay among Monocyte-Derived, Dermal, and Resident Lymph Node Dendritic Cells during the Generation of Vaccine Immunity to Fungi. <i>Cell Host and Microbe</i> , 2010, 7, 474-487.	5.1	63

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55	Indirect Regulation of CD4 T-Cell Responses by Tumor Necrosis Factor Receptors in an Acute Viral Infection. <i>Journal of Virology</i> , 2007, 81, 6502-6512.	1.5	13
56	VÎ²1 + JÎ²1.1 + MÎ²2 + JÎ²49 + CD4 + T Cells Mediate Resistance against Infection with <i>Blastomyces dermatitidis</i> . <i>Infection and Immunity</i> , 2007, 75, 193-200.	1.0	19
57	Global Control of Dimorphism and Virulence in Fungi. <i>Science</i> , 2006, 312, 583-588.	6.0	328
58	Analysis of non-adhesive pathogenic mechanisms of BAD1 on <i>Blastomyces dermatitidis</i> . <i>Medical Mycology</i> , 2006, 44, 41-49.	0.3	10
59	Differential Requirements of T Cell Subsets for CD40 Costimulation in Immunity to <i>Blastomyces dermatitidis</i> . <i>Journal of Immunology</i> , 2006, 176, 5538-5547.	0.4	15
60	IL-12 Is Required for Induction but Not Maintenance of Protective, Memory Responses to <i>Blastomyces dermatitidis</i> : Implications for Vaccine Development in Immune-Deficient Hosts. <i>Journal of Immunology</i> , 2005, 175, 5288-5297.	0.4	31
61	CD28 Is Required for Optimal Induction, but Not Maintenance, of Vaccine-Induced Immunity to <i>Blastomyces dermatitidis</i> . <i>Infection and Immunity</i> , 2005, 73, 7436-7441.	1.0	12
62	Progress in vaccination for histoplasmosis and blastomycosis: Coping with cellular immunity. <i>Medical Mycology</i> , 2005, 43, 381-389.	0.3	34
63	Vaccine Immunity to Pathogenic Fungi Overcomes the Requirement for CD4 Help in Exogenous Antigen Presentation to CD8+ T Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 1405-1416.	4.2	174
64	Requisite Elements in Vaccine Immunity to <i>Blastomyces dermatitidis</i> : Plasticity Uncovers Vaccine Potential in Immune-Deficient Hosts. <i>Journal of Immunology</i> , 2002, 169, 6969-6976.	0.4	63
65	BAD1, an Essential Virulence Factor of <i>Blastomyces dermatitidis</i> , Suppresses Host TNF-Î± Production Through TGF-Î²-Dependent and -Independent Mechanisms. <i>Journal of Immunology</i> , 2002, 168, 5746-5755.	0.4	72
66	Investigation of Anti-WI-1 Adhesin Antibody-Mediated Protection in Experimental Pulmonary Blastomycosis. <i>Journal of Infectious Diseases</i> , 2000, 181, 1720-1728.	1.9	27
67	Mutation of the WI-1 gene yields an attenuated <i>Blastomyces dermatitidis</i> strain that induces host resistance. <i>Journal of Clinical Investigation</i> , 2000, 106, 1381-1389.	3.9	83
68	Targeted Gene Disruption Reveals an Adhesin Indispensable for Pathogenicity of <i>Blastomyces dermatitidis</i> . <i>Journal of Experimental Medicine</i> , 1999, 189, 1207-1216.	4.2	144