Philipp Henneke

List of Publications by Year
in descending order

75 papers	3,503 citations	186265 28 h-index	144013 57 g-index
79 all docs	79 docs citations	79 times ranked	4879 citing authors

#	Article	IF	Citations
1	Recognition of pneumolysin by Toll-like receptor 4 confers resistance to pneumococcal infection. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1966-1971.	7.1	627
2	Hypomorphic homozygous mutations in phosphoglucomutase 3 (PGM3) impair immunity and increase serum IgE levels. Journal of Allergy and Clinical Immunology, 2014, 133, 1410-1419.e13.	2.9	160
3	A Subset of Skin Macrophages Contributes to the Surveillance and Regeneration of Local Nerves. Immunity, 2019, 50, 1482-1497.e7.	14.3	141
4	Novel Engagement of CD14 and Multiple Toll-Like Receptors by Group B Streptococci. Journal of Immunology, 2001, 167, 7069-7076.	0.8	135
5	Cellular Activation, Phagocytosis, and Bactericidal Activity Against Group B Streptococcus Involve Parallel Myeloid Differentiation Factor 88-Dependent and Independent Signaling Pathways. Journal of Immunology, 2002, 169, 3970-3977.	0.8	130
6	Activation of the NLRP3 Inflammasome by Group B Streptococci. Journal of Immunology, 2012, 188, 1953-1960.	0.8	127
7	Lipoproteins Are Critical TLR2 Activating Toxins in Group B Streptococcal Sepsis. Journal of Immunology, 2008, 180, 6149-6158.	0.8	126
8	Role of Lipoteichoic Acid in the Phagocyte Response to Group BStreptococcus. Journal of Immunology, 2005, 174, 6449-6455.	0.8	125
9	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. JAMA Pediatrics, 2021, 175, 586.	6.2	124
10	Dual Role of TLR2 and Myeloid Differentiation Factor 88 in a Mouse Model of Invasive Group B Streptococcal Disease. Journal of Immunology, 2004, 172, 6324-6329.	0.8	115
11	Human <scp>TLR</scp> 8 senses <scp>UR</scp> / <scp>URR</scp> motifs in bacterial and mitochondrial <scp>RNA</scp>. EMBO Reports, 2015, 16, 1656-1663.	4.5	110
12	Mal connects TLR2 to PI3Kinase activation and phagocyte polarization. EMBO Journal, 2009, 28, 2018-2027.	7.8	103
13	Interaction of Streptococcus agalactiae and Cellular Innate Immunity in Colonization and Disease. Frontiers in Immunology, 2014, 5, 519.	4.8	95
14	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. Cell, 2016, 167, 1264-1280.e18.	28.9	94
15	Interaction of Neonatal Phagocytes with Group B Streptococcus: Recognition and Response. Infection and Immunity, 2006, 74, 3085-3095.	2.2	66
16	Innate immune recognition of lipopolysaccharide by endothelial cells. Critical Care Medicine, 2002, 30, S207-S213.	0.9	65
17	Macrophages recognize streptococci through bacterial singleâ€stranded RNA. EMBO Reports, 2011, 12, 71-76.	4.5	65
18	From Flies to Men: ROS and the NADPH Oxidase in Phagocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 628991.	3.7	63

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19	RNA and Î²-Hemolysin of Group B Streptococcus Induce Interleukin-1Î² (IL-1Î²) by Activating NLRP3 Inflammasomes in Mouse Macrophages. Journal of Biological Chemistry, 2014, 289, 13701-13705.	3.4	62
20	Origin and Differentiation of Nerve-Associated Macrophages. Journal of Immunology, 2020, 204, 271-279.	0.8	57
21	Robust and durable serological response following pediatric SARS-CoV-2 infection. Nature Communications, 2022, 13, 128.	12.8	54
22	Impaired CD14-dependent and independent response of polymorphonuclear leukocytes in preterm infants. Journal of Perinatal Medicine, 2003, 31, 176-83.	1.4	45
23	Induction and termination of inflammatory signaling in group B streptococcal sepsis. Immunological Reviews, 2008, 225, 114-127.	6.0	44
24	The endolysosomal cysteine cathepsins L and K are involved in macrophageâ€mediated clearance of Staphylococcus aureus and the concomitant cytokine induction. FASEB Journal, 2014, 28, 162-175.	0.5	44
25	MyD88 in Macrophages Is Critical for Abscess Resolution in Staphylococcal Skin Infection. Journal of Immunology, 2015, 194, 2735-2745.	0.8	42
26	PCR for the detection of pathogens in neonatal early onset sepsis. PLoS ONE, 2020, 15, e0226817.	2.5	41
27	Cytomegalovirus subverts macrophage identity. Cell, 2021, 184, 3774-3793.e25.	28.9	34
28	Prospective Virtual Screening in a Sparse Data Scenario: Design of Smallâ€Molecule TLR2 Antagonists. ChemMedChem, 2014, 9, 813-822.	3.2	33
29	Synchronous Recurrence of Group B Streptococcal Late-Onset Sepsis in Twins. Pediatrics, 2014, 133, e1388-e1391.	2.1	31
30	Dynamic interactions between dermal macrophages and Staphylococcus aureus. Journal of Leukocyte Biology, 2017, 101, 99-106.	3.3	28
31	Role of p38 and Early Growth Response Factor 1 in the Macrophage Response to Group B Streptococcus. Infection and Immunity, 2009, 77, 2474-2481.	2.2	27
32	IL6 secreted by Ewing sarcoma tumor microenvironment confers anti-apoptotic and cell-disseminating paracrine responses in Ewing sarcoma cells. BMC Cancer, 2015, 15, 552.	2.6	27
33	Codevelopment of Microbiota and Innate Immunity and the Risk for Group B Streptococcal Disease. Frontiers in Immunology, 2017, 8, 1497.	4.8	27
34	TIRAP: how Toll receptors fraternize. Nature Immunology, 2001, 2, 828-830.	14.5	26
35	Mycobacteria exploit nitric oxideâ€induced transformation of macrophages into permissive giant cells. EMBO Reports, 2017, 18, 2144-2159.	4.5	25
36	Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 in Households with Children, Southwest Germany, Mayâ€“August 2020. Emerging Infectious Diseases, 2021, 27, 3009-3019.	4.3	25

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37	Efficacy of Bifidobacterium longum, B. infantis and Lactobacillus acidophilus probiotics to prevent gut dysbiosis in preterm infants of 28+0â€“32+6 weeks of gestation: a randomised, placebo-controlled, double-blind, multicentre trial: the PRIMAL Clinical Study protocol. BMJ Open, 2019, 9, e032617.	1.9	24
38	Spontaneous clearance of hepatitis C virus in vertically infected children. European Journal of Pediatrics, 2012, 171, 253-258.	2.7	23
39	Resident macrophages acquire innate immune memory in staphylococcal skin infection. ELife, 2020, 9, .	6.0	23
40	Intracellular infection and immune system cues rewire adipocytes to acquire immune function. Cell Metabolism, 2022, 34, 747-760.e6.	16.2	21
41	Streptococci Engage TLR13 on Myeloid Cells in a Site-Specific Fashion. Journal of Immunology, 2016, 196, 2733-2741.	0.8	20
42	Role of Pore-Forming Toxins in Neonatal Sepsis. Clinical and Developmental Immunology, 2013, 2013, 1-13.	3.3	19
43	Perinatal development of innate immune topology. ELife, 2021, 10, .	6.0	19
44	Monocyte progenitors give rise to multinucleated giant cells. Nature Communications, 2021, 12, 2027.	12.8	18
45	Invasive Group B Streptococcus Disease With Recurrence and in Multiples: Towards a Better Understanding of GBS Late-Onset Sepsis. Frontiers in Immunology, 2021, 12, 617925.	4.8	17
46	NO Is a Macrophage Autonomous Modifier of the Cytokine Response to Streptococcal Single-Stranded RNA. Journal of Immunology, 2012, 188, 774-780.	0.8	16
47	Preserved effector functions of human ORAI1- and STIM1-deficient neutrophils. Journal of Allergy and Clinical Immunology, 2016, 137, 1587-1591.e7.	2.9	16
48	Cytomegaloviruses and Macrophagesâ€”Friends and Foes From Early on?. Frontiers in Immunology, 2020, 11, 793.	4.8	16
49	Meconium Microbiome of Very Preterm Infants across Germany. MSphere, 2022, 7, e0080821.	2.9	15
50	Lactobacillus Acidophilus/Bifidobacterium Infantis Probiotics Are Beneficial to Extremely Low Gestational Age Infants Fed Human Milk. Nutrients, 2020, 12, 850.	4.1	13
51	Insulin Modulates the Inflammatory Granulocyte Response to Streptococci via Phosphatidylinositol 3-Kinase. Journal of Immunology, 2012, 189, 4582-4591.	0.8	10
52	The role of CNS macrophages in streptococcal meningoencephalitis. Journal of Leukocyte Biology, 2019, 106, 209-218.	3.3	10
53	Enterococcus faecalis Glycolipids Modulate Lipoprotein-Content of the Bacterial Cell Membrane and Host Immune Response. PLoS ONE, 2015, 10, e0132949.	2.5	8
54	Helminthic dehydrogenase drives PGE ₂ and ILâ€10 production in monocytes to potentiate Treg induction. EMBO Reports, 2022, 23, e54096.	4.5	7

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55	Osteomyelitis Because of Mycobacterium Xenopi in an Immunocompetent Child. Pediatric Infectious Disease Journal, 2016, 35, 110-113.	2.0	6
56	Eosinophilia and reduced STAT3 signaling affect neutrophil cell death in autosomalâ€dominant Hyperâ€IgE syndrome. European Journal of Immunology, 2018, 48, 1975-1988.	2.9	6
57	Risk Factors for Complicated Lymphadenitis Caused by Nontuberculous Mycobacteria in Children. Emerging Infectious Diseases, 2020, 26, 579-586.	4.3	6
58	Control of myeloid cell density in barrier tissues. FEBS Journal, 2021, 288, 405-426.	4.7	6
59	Host Defense against Common Early Life-Threatening Infections. Clinical and Developmental Immunology, 2013, 2013, 1-2.	3.3	5
60	Macrophages Are a Potent Source of Streptococcus-Induced IFN-Î². Journal of Immunology, 2019, 203, 3416-3426.	0.8	5
61	Functional flow cytometry of monocytes for routine diagnosis of innate primary immunodeficiencies. Journal of Allergy and Clinical Immunology, 2020, 145, 434-437.e4.	2.9	5
62	Assessing direct and indirect effects of pediatric influenza vaccination in Germany by individual-based simulations. Human Vaccines and Immunotherapeutics, 2020, 16, 836-845.	3.3	4
63	Modeling MyD88 Deficiency In Vitro Provides New Insights in Its Function. Frontiers in Immunology, 2020, 11, 608802.	4.8	4
64	Guardians of neuroimmunity â€“ Toll-like receptors and their RNA ligands. Neuroforum, 2019, 25, 185-193.	0.3	3
65	High diagnostic yield of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) in the diagnosis of adolescent pulmonary tuberculosis. BMC Infectious Diseases, 2021, 21, 946.	2.9	3
66	Paradoxical immunodeficienciesâ€"When failures of innate immunity cause immunopathology. European Journal of Immunology, 2022, 52, 1419-1430.	2.9	3
67	Protocol for a prospective cohort study: Prevention of Transmissions by Effective Colonisation Tracking in Neonates (PROTECT-Neo). BMJ Open, 2020, 10, e034068.	1.9	2
68	Reply to the correspondence letter by Dr. Giuseppe Indolfi â€œSpontaneous clearance of hepatitis C virus in vertically infected children. Any clue for treatment?â€• European Journal of Pediatrics, 2011, 170, 1623-1623.	2.7	1
69	Klaus Magdorf. European Journal of Pediatrics, 2013, 172, 575-575.	2.7	0
70	Mycobacterial immunevasionâ€"Spotlight on the enemy within. Journal of Leukocyte Biology, 2021, 109, 9-11.	3.3	0
71	Title is missing!. , 2020, 17, e1003076.		0
72	Title is missing!. , 2020, 17, e1003076.		0

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73	Title is missing!. , 2020, 17, e1003076.		0
74	Title is missing!. , 2020, 17, e1003076.		0
75	Title is missing!. , 2020, 17, e1003076.		0