

Kasper Hoebe

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74
papers

9,409
citations

35
h-index

80
g-index

80
ext. papers

10,129
ext. citations

10.8
avg, IF

5.33
L-index

#	Paper	IF	Citations
74	Exogenous and endogenous glycolipid antigens activate NKT cells during microbial infections. <i>Nature</i> , 2005 , 434, 525-9	50.4	930
73	Toll-like receptors 9 and 3 as essential components of innate immune defense against mouse cytomegalovirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 3516-21	11.5	766
72	CD36 is a sensor of diacylglycerides. <i>Nature</i> , 2005 , 433, 523-7	50.4	712
71	The interface between innate and adaptive immunity. <i>Nature Immunology</i> , 2004 , 5, 971-4	19.1	657
70	The Unc93b1 mutation 3d disrupts exogenous antigen presentation and signaling via Toll-like receptors 3, 7 and 9. <i>Nature Immunology</i> , 2006 , 7, 156-64	19.1	650
69	Genetic analysis of host resistance: Toll-like receptor signaling and immunity at large. <i>Annual Review of Immunology</i> , 2006 , 24, 353-89	34.7	649
68	Herpes simplex virus encephalitis in human UNC-93B deficiency. <i>Science</i> , 2006 , 314, 308-12	33.3	601
67	Natural killer T cells recognize diacylglycerol antigens from pathogenic bacteria. <i>Nature Immunology</i> , 2006 , 7, 978-86	19.1	521
66	Adjuvant-enhanced antibody responses in the absence of toll-like receptor signaling. <i>Science</i> , 2006 , 314, 1936-8	33.3	483
65	Upregulation of costimulatory molecules induced by lipopolysaccharide and double-stranded RNA occurs by Trif-dependent and Trif-independent pathways. <i>Nature Immunology</i> , 2003 , 4, 1223-9	19.1	378
64	TLR-dependent and TLR-independent pathways of type I interferon induction in systemic autoimmunity. <i>Nature Medicine</i> , 2007 , 13, 543-51	50.5	369
63	The interaction between the ER membrane protein UNC93B and TLR3, 7, and 9 is crucial for TLR signaling. <i>Journal of Cell Biology</i> , 2007 , 177, 265-75	7.3	349
62	Cutting edge: Priming of NK cells by IL-18. <i>Journal of Immunology</i> , 2008 , 181, 1627-31	5.3	229
61	A toll-like receptor 2-responsive lipid effector pathway protects mammals against skin infections with gram-positive bacteria. <i>Infection and Immunity</i> , 2005 , 73, 4512-21	3.7	172
60	Vesicular stomatitis virus glycoprotein G activates a specific antiviral Toll-like receptor 4-dependent pathway. <i>Virology</i> , 2007 , 362, 304-13	3.6	152
59	Jinx, an MCMV susceptibility phenotype caused by disruption of Unc13d: a mouse model of type 3 familial hemophagocytic lymphohistiocytosis. <i>Journal of Experimental Medicine</i> , 2007 , 204, 853-63	16.6	129
58	NK-cell-mediated killing of target cells triggers robust antigen-specific T-cell-mediated and humoral responses. <i>Blood</i> , 2009 , 113, 6593-602	2.2	106

57	Identification of a TLR4- and TRIF-dependent activation program of dendritic cells. <i>European Journal of Immunology</i> , 2004 , 34, 558-64	6.1	100
56	Commitment to the regulatory T cell lineage requires CARMA1 in the thymus but not in the periphery. <i>PLoS Biology</i> , 2009 , 7, e51	9.7	84
55	Efficient T cell activation via a Toll-Interleukin 1 Receptor-independent pathway. <i>Immunity</i> , 2006 , 24, 787-799	32.3	83
54	STAT5 is critical to maintain effector CD8+ T cell responses. <i>Journal of Immunology</i> , 2010 , 185, 2116-24	5.3	81
53	Soluble CD36 ectodomain binds negatively charged diacylglycerol ligands and acts as a co-receptor for TLR2. <i>PLoS ONE</i> , 2009 , 4, e7411	3.7	70
52	Velvet, a dominant Egfr mutation that causes wavy hair and defective eyelid development in mice. <i>Genetics</i> , 2004 , 166, 331-40	4	56
51	Pig MAP/ITIH4 and haptoglobin are interleukin-6-dependent acute-phase plasma proteins in porcine primary cultured hepatocytes. <i>FEBS Journal</i> , 2000 , 267, 1878-85		56
50	Sensitizing anthrax lethal toxin-resistant macrophages to lethal toxin-induced killing by tumor necrosis factor-alpha. <i>Journal of Biological Chemistry</i> , 2003 , 278, 7413-21	5.4	54
49	LPS, dsRNA and the interferon bridge to adaptive immune responses: Trif, Tram, and other TIR adaptor proteins. <i>Journal of Endotoxin Research</i> , 2004 , 10, 130-6		54
48	Loss of T cell and B cell quiescence precedes the onset of microbial flora-dependent wasting disease and intestinal inflammation in Gimap5-deficient mice. <i>Journal of Immunology</i> , 2010 , 184, 3743-54	5.3	51
47	Analysis of the MCMV resistome by ENU mutagenesis. <i>Mammalian Genome</i> , 2006 , 17, 398-406	3.2	47
46	Cell-associated double-stranded RNA enhances antitumor activity through the production of type I IFN. <i>Journal of Immunology</i> , 2006 , 177, 6122-8	5.3	44
45	ATF3 is a novel regulator of mouse neutrophil migration. <i>Blood</i> , 2014 , 123, 2084-93	2.2	43
44	ENU mutagenesis in mice. <i>Methods in Molecular Biology</i> , 2008 , 415, 1-16	1.4	43
43	ENU-induced phenovariance in mice: inferences from 587 mutations. <i>BMC Research Notes</i> , 2012 , 5, 577	2.3	41
42	Lps2: a new locus required for responses to lipopolysaccharide, revealed by germline mutagenesis and phenotypic screening. <i>Journal of Endotoxin Research</i> , 2003 , 9, 250-5		39
41	C5a regulates NKT and NK cell functions in sepsis. <i>Journal of Immunology</i> , 2011 , 187, 5805-12	5.3	38
40	NKG2D mediates NK cell hyperresponsiveness and influenza-induced pathologies in a mouse model of chronic obstructive pulmonary disease. <i>Journal of Immunology</i> , 2012 , 188, 4468-75	5.3	38

39	Peroxisomal β -oxidation regulates whole body metabolism, inflammatory vigor, and pathogenesis of nonalcoholic fatty liver disease. <i>JCI Insight</i> , 2018 , 3,	9.9	35
38	Lps2: a new locus required for responses to lipopolysaccharide, revealed by germline mutagenesis and phenotypic screening. <i>Journal of Endotoxin Research</i> , 2003 , 9, 250-255		34
37	Genetic analysis of innate immunity. <i>Advances in Immunology</i> , 2006 , 91, 175-226	5.6	28
36	Genetic analysis of innate immunity: identification and function of the TIR adapter proteins. <i>Advances in Experimental Medicine and Biology</i> , 2005 , 560, 29-39	3.6	28
35	TRAF3: a new component of the TLR-signaling apparatus. <i>Trends in Molecular Medicine</i> , 2006 , 12, 187-9	11.5	27
34	Forward genetic dissection of afferent immunity: the role of TIR adapter proteins in innate and adaptive immune responses. <i>Comptes Rendus - Biologies</i> , 2004 , 327, 571-80	1.4	24
33	Genetic analysis of innate immunity: TIR adapter proteins in innate and adaptive immune responses. <i>Microbes and Infection</i> , 2004 , 6, 1374-81	9.3	23
32	Loss of immunological tolerance in Gimap5-deficient mice is associated with loss of Foxo in CD4+ T cells. <i>Journal of Immunology</i> , 2012 , 188, 146-54	5.3	22
31	Forward genetic analysis of TLR-signaling pathways: an evaluation. <i>Advanced Drug Delivery Reviews</i> , 2008 , 60, 824-9	18.5	21
30	Gab3 is required for IL-2- and IL-15-induced NK cell expansion and limits trophoblast invasion during pregnancy. <i>Science Immunology</i> , 2019 , 4,	28	19
29	New therapeutic targets in immune disorders: ItpkB, Orai1 and UNC93B. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 391-413	6.4	18
28	Lampe1: an ENU-germline mutation causing spontaneous hepatosteatosis identified through targeted exon-enrichment and next-generation sequencing. <i>PLoS ONE</i> , 2011 , 6, e21979	3.7	18
27	Resolution of herpes simplex virus reactivation in vivo results in neuronal destruction. <i>PLoS Pathogens</i> , 2020 , 16, e1008296	7.6	17
26	PanR1, a dominant negative missense allele of the gene encoding TNF-alpha (Tnf), does not impair lymphoid development. <i>Journal of Immunology</i> , 2006 , 176, 7525-32	5.3	17
25	Nonredundant roles of TIRAP and MyD88 in airway response to endotoxin, independent of TRIF, IL-1 and IL-18 pathways. <i>Laboratory Investigation</i> , 2006 , 86, 1126-35	5.9	17
24	Gimap5-dependent inactivation of GSK3 β s required for CD4 T cell homeostasis and prevention of immune pathology. <i>Nature Communications</i> , 2018 , 9, 430	17.4	16
23	Lps2 and signal transduction in sepsis: at the intersection of host responses to bacteria and viruses. <i>Scandinavian Journal of Infectious Diseases</i> , 2003 , 35, 563-7		16
22	Antagonism between MyD88- and TRIF-dependent signals in B7RP-1 up-regulation. <i>European Journal of Immunology</i> , 2005 , 35, 1918-27	6.1	16

21	CD244 represents a new therapeutic target in head and neck squamous cell carcinoma 2020 , 8,		13
20	From phenomenon to phenotype and from phenotype to gene: forward genetics and the problem of sepsis. <i>Journal of Infectious Diseases</i> , 2003 , 187 Suppl 2, S321-6	7	13
19	Critical role of transmethylation in TLR signaling and systemic lupus erythematosus. <i>Clinical Immunology</i> , 2013 , 147, 133-43	9	12
18	Slp-76 is a critical determinant of NK-cell mediated recognition of missing-self targets. <i>European Journal of Immunology</i> , 2015 , 45, 2072-83	6.1	10
17	Myeloid-derived NF- κ B negative regulation of PU.1 and c/EBP- β -driven pro-inflammatory cytokine production restrains LPS-induced shock. <i>Innate Immunity</i> , 2017 , 23, 175-187	2.7	9
16	Type I IFN Drives Experimental Systemic Lupus Erythematosus by Distinct Mechanisms in CD4 T Cells and B Cells. <i>ImmunoHorizons</i> , 2020 , 4, 140-152	2.7	8
15	An ENU mutagenesis approach to dissect "self"-induced immune responses: Unraveling the genetic footprint of immunosurveillance. <i>OncImmunology</i> , 2012 , 1, 856-862	7.2	7
14	TCR and IL-7 Signaling Are Altered in the Absence of Functional GTPase of the Immune Associated Nucleotide Binding Protein 5 (GIMAP5). <i>PLoS ONE</i> , 2016 , 11, e0151837	3.7	7
13	GIMAP5 Deficiency Is Associated with Increased AKT Activity in T Lymphocytes. <i>PLoS ONE</i> , 2015 , 10, e0139019	3.9	6
12	Genetic dissection of Toll-like receptor signaling using ENU mutagenesis. <i>Methods in Molecular Biology</i> , 2009 , 517, 239-51	1.4	5
11	Loss of GTPase of immunity-associated protein 5 (Gimap5) promotes pathogenic CD4 T-cell development and allergic airway disease. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 245-257.	11.5	4
10	Central role of gimap5 in maintaining peripheral tolerance and T cell homeostasis in the gut. <i>Mediators of Inflammation</i> , 2015 , 2015, 436017	4.3	3
9	Dissecting innate immunity by germline mutagenesis. <i>Immunology</i> , 2008 , 123, 459-68	7.8	3
8	An ENU-induced splice site mutation of mouse Col1a1 causing recessive osteogenesis imperfecta and revealing a novel splicing rescue. <i>Scientific Reports</i> , 2017 , 7, 11717	4.9	2
7	Identification of a Novel Toll-Like Receptor-Independent Immunoadjuvant Pathway That Depends upon Programmed Cell Death.. <i>Blood</i> , 2004 , 104, 775-775	2.2	2
6	The Variable Genomic NK Cell Receptor Locus Is a Key Determinant of CD4+ T Cell Responses During Viral Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 197	8.4	1
5	TLRs as bacterial sensors 2006 , 1-17		1
4	A mutation within the SH2 domain of slp-76 regulates the tissue distribution and cytokine production of iNKT cells in mice. <i>European Journal of Immunology</i> , 2016 , 46, 2121-36	6.1	1

- 3 Respond to "No antigen-presentation defect in Unc93b1(3d/3d) (3d) mice". *Nature Immunology*, **2013**, 14, 1102-3 19.1
- 2 Forward Genetic Analysis of TLR Pathways **2005**, 168-180
- 1 The interaction between the ER membrane protein UNC93B and TLR3, 7, and 9 is crucial for TLR signaling. *Journal of Experimental Medicine*, **2007**, 204, i14-i14 16.6