

# Hubertus Hochrein

## List of Publications by Year in descending order

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72  
papers

12,016  
citations

70961

41  
h-index

102304

66  
g-index

75  
all docs

75  
docs citations

75  
times ranked

13206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Species-Specific Recognition of Single-Stranded RNA via Toll-like Receptor 7 and 8. <i>Science</i> , 2004, 303, 1526-1529.	6.0	3,413
2	CD4 and CD8 Expression by Dendritic Cell Subtypes in Mouse Thymus and Spleen. <i>Journal of Immunology</i> , 2000, 164, 2978-2986.	0.4	731
3	Quantitative Proteomics Reveals Subset-Specific Viral Recognition in Dendritic Cells. <i>Immunity</i> , 2010, 32, 279-289.	6.6	544
4	The Toll-like receptor 7 (TLR7)-specific stimulus loxoribine uncovers a strong relationship within the TLR7, 8 and 9 subfamily. <i>European Journal of Immunology</i> , 2003, 33, 2987-2997.	1.6	487
5	Differential Production of IL-12, IFN- $\gamma$ , and IFN- $\beta$ by Mouse Dendritic Cell Subsets. <i>Journal of Immunology</i> , 2001, 166, 5448-5455.	0.4	444
6	Herpes simplex virus type-1 induces IFN- $\alpha$ production via Toll-like receptor 9-dependent and -independent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11416-11421.	3.3	403
7	TLR13 Recognizes Bacterial 23S rRNA Devoid of Erythromycin Resistance-Forming Modification. <i>Science</i> , 2012, 337, 1111-1115.	6.0	361
8	Mouse Plasmacytoid Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1307-1319.	4.2	347
9	Functionally distinct dendritic cell (DC) populations induced by physiologic stimuli: prostaglandin E2 regulates the migratory capacity of specific DC subsets. <i>Blood</i> , 2002, 100, 1362-1372.	0.6	338
10	Interleukin (IL)-4 Is a Major Regulatory Cytokine Governing Bioactive IL-12 Production by Mouse and Human Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 823-834.	4.2	336
11	Pollen-associated phytoprostanes inhibit dendritic cell interleukin-12 production and augment T helper type 2 cell polarization. <i>Journal of Experimental Medicine</i> , 2005, 201, 627-636.	4.2	269
12	Mouse CD8 $\alpha^+$ DCs and human BDCA3 $^+$ DCs are major producers of IFN- $\beta$ in response to poly I:C. <i>Journal of Experimental Medicine</i> , 2010, 207, 2703-2717.	4.2	249
13	LIF receptor signaling limits immune-mediated demyelination by enhancing oligodendrocyte survival. <i>Nature Medicine</i> , 2002, 8, 613-619.	15.2	241
14	Endosomal Translocation of Vertebrate DNA Activates Dendritic Cells via TLR9-Dependent and -Independent Pathways. <i>Journal of Immunology</i> , 2005, 174, 6129-6136.	0.4	239
15	Human monkeypox " After 40 years, an unintended consequence of smallpox eradication. <i>Vaccine</i> , 2020, 38, 5077-5081.	1.7	207
16	Vaccination with Plasmid DNA Activates Dendritic Cells via Toll-Like Receptor 9 (TLR9) but Functions in TLR9-Deficient Mice. <i>Journal of Immunology</i> , 2003, 171, 5908-5912.	0.4	189
17	The Major Surface Protein of <i>Wolbachia</i> Endosymbionts in Filarial Nematodes Elicits Immune Responses through TLR2 and TLR4. <i>Journal of Immunology</i> , 2004, 173, 437-445.	0.4	185
18	C-Rel Regulates Interleukin 12 P70 Expression in Cd8 $^+$ Dendritic Cells by Specifically Inducing p35 Gene Transcription. <i>Journal of Experimental Medicine</i> , 2001, 194, 1021-1032.	4.2	162

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19	CD8 $\alpha$ <sup>+</sup> Dendritic Cells Are Required for Efficient Entry of <i>Listeria monocytogenes</i> into the Spleen. <i>Immunity</i> , 2006, 25, 619-630.	6.6	160
20	CpG-DNA aided cross-presentation of soluble antigens by dendritic cells. <i>European Journal of Immunology</i> , 2002, 32, 2356.	1.6	158
21	Development of thymic and splenic dendritic cell populations from different hemopoietic precursors. <i>Blood</i> , 2001, 98, 3376-3382.	0.6	152
22	Dendritic cell precursor populations of mouse blood: identification of the murine homologues of human blood plasmacytoid pre-DC2 and CD11c <sup>+</sup> DC1 precursors. <i>Blood</i> , 2003, 101, 1453-1459.	0.6	152
23	Human thymus contains 2 distinct dendritic cell populations. <i>Blood</i> , 2001, 97, 1733-1741.	0.6	137
24	Effects of administration of progenipoiectin 1, Flt-3 ligand, granulocyte colony-stimulating factor, and pegylated granulocyte-macrophage colony-stimulating factor on dendritic cell subsets in mice. <i>Blood</i> , 2002, 99, 2122-2130.	0.6	131
25	Production of interferons by dendritic cells, plasmacytoid cells, natural killer cells, and interferon-producing killer dendritic cells. <i>Blood</i> , 2007, 109, 1165-1173.	0.6	131
26	A Regulatory Role for CD37 in T Cell Proliferation. <i>Journal of Immunology</i> , 2004, 172, 2953-2961.	0.4	128
27	Survival of lethal poxvirus infection in mice depends on TLR9, and therapeutic vaccination provides protection. <i>Journal of Clinical Investigation</i> , 2008, 118, 1776-1784.	3.9	122
28	IFN $\alpha$ <sup>+</sup> enhances CD40 ligand-mediated activation of immature monocyte-derived dendritic cells. <i>International Immunology</i> , 2002, 14, 367-380.	1.8	117
29	Human <sc>TLR</sc> 8 senses <sc>UR</sc> / <sc>URR</sc> motifs in bacterial and mitochondrial <sc>RNA</sc>. <i>EMBO Reports</i> , 2015, 16, 1656-1663.	2.0	110
30	IL-1 $\beta$ Enhances CD40 Ligand-Mediated Cytokine Secretion by Human Dendritic Cells (DC): A Mechanism for T Cell-Independent DC Activation. <i>Journal of Immunology</i> , 2002, 168, 713-722.	0.4	108
31	Human and mouse plasmacytoid dendritic cells. <i>Human Immunology</i> , 2002, 63, 1103-1110.	1.2	102
32	M-CSF: a novel plasmacytoid and conventional dendritic cell poietin. <i>Blood</i> , 2008, 111, 150-159.	0.6	101
33	Adenovirus efficiently transduces plasmacytoid dendritic cells resulting in TLR9-dependent maturation and IFN- $\alpha$ production. <i>Journal of Gene Medicine</i> , 2006, 8, 1300-1306.	1.4	99
34	Cutting Edge: Toll-Like Receptor 9 Expression Is Not Required for CpG DNA-Aided Cross-Presentation of DNA-Conjugated Antigens but Essential for Cross-Priming of CD8 T Cells. <i>Journal of Immunology</i> , 2003, 170, 2802-2805.	0.4	92
35	PLD3 and PLD4 are single-stranded acid exonucleases that regulate endosomal nucleic-acid sensing. <i>Nature Immunology</i> , 2018, 19, 942-953.	7.0	88
36	Distinct roles for the NF- $\kappa$ B1 and c-Rel transcription factors in the differentiation and survival of plasmacytoid and conventional dendritic cells activated by TLR-9 signals. <i>Blood</i> , 2005, 106, 3457-3464.	0.6	76

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37	Antibiotic treatment-induced secondary IgA deficiency enhances susceptibility to <i>Pseudomonas aeruginosa</i> pneumonia. <i>Journal of Clinical Investigation</i> , 2018, 128, 3535-3545.	3.9	75
38	Phagocytosis-Induced Apoptosis in Macrophages Is Mediated by Up-Regulation and Activation of the Bcl-2 Homology Domain 3-Only Protein Bim. <i>Journal of Immunology</i> , 2005, 174, 671-679.	0.4	52
39	Molecular Cloning of F4/80-Like-Receptor, a Seven-Span Membrane Protein Expressed Differentially by Dendritic Cell and Monocyte-Macrophage Subpopulations. <i>Journal of Immunology</i> , 2001, 167, 3570-3576.	0.4	51
40	Hierarchy of Susceptibility of Dendritic Cell Subsets to Infection by <i>Leishmania major</i> : Inverse Relationship to Interleukin-12 Production. <i>Infection and Immunity</i> , 2002, 70, 3874-3880.	1.0	45
41	Molecular cloning of a C-type lectin superfamily protein differentially expressed by CD8 <sup>+</sup> splenic dendritic cells. <i>Molecular Immunology</i> , 2001, 38, 365-373.	1.0	42
42	Cellular Recognition of Trimyristoylated Peptide or Enterobacterial Lipopolysaccharide via Both TLR2 and TLR4. <i>Journal of Biological Chemistry</i> , 2007, 282, 13190-13198.	1.6	37
43	Dendritic Cell Subsets and Toll-Like Receptors. <i>Handbook of Experimental Pharmacology</i> , 2008, , 153-179.	0.9	37
44	Regulation of T cell cytokine production by dendritic cells. <i>Immunology and Cell Biology</i> , 2000, 78, 214-223.	1.0	36
45	MyD88-dependent pro-interleukin-1 $\beta$ induction in dendritic cells exposed to food-grade synthetic amorphous silica. <i>Particle and Fibre Toxicology</i> , 2017, 14, 21.	2.8	36
46	Activation of plasmacytoid dendritic cells. <i>Immunology and Cell Biology</i> , 2005, 83, 571-577.	1.0	35
47	Synergistic cancer immunotherapy combines MVA-CD40L induced innate and adaptive immunity with tumor targeting antibodies. <i>Nature Communications</i> , 2019, 10, 5041.	5.8	31
48	Of men, mice and pigs: looking at their plasmacytoid dendritic cells. <i>Immunology</i> , 2004, 112, 26-27.	2.0	28
49	Recombinant Modified Vaccinia Virus Ankara Generating Ebola Virus-Like Particles. <i>Journal of Virology</i> , 2017, 91, .	1.5	22
50	Immune Requirements of Post-Exposure Immunization with Modified Vaccinia Ankara of Lethally Infected Mice. <i>PLoS ONE</i> , 2010, 5, e9659.	1.1	20
51	Paradoxical effects of IL-12 in leishmaniasis in the presence and absence of vaccinating antigen. <i>Vaccine</i> , 2001, 19, 4043-4052.	1.7	19
52	Recombinant Modified Vaccinia Virus Ankara Generating Excess Early Double-Stranded RNA Transiently Activates Protein Kinase R and Triggers Enhanced Innate Immune Responses. <i>Journal of Virology</i> , 2014, 88, 14396-14411.	1.5	17
53	A major role for TLR8 in the recognition of vaccinia viral DNA by murine pDC?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E139; author reply E140.	3.3	16
54	Bacteria evade immune recognition via TLR13 and binding of their 23S rRNA by MLS antibiotics by the same mechanisms. <i>Oncolimmunology</i> , 2013, 2, e23141.	2.1	14

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55	Nonplasmacytoid, High IFN- $\gamma$ -Producing, Bone Marrow Dendritic Cells. <i>Journal of Immunology</i> , 2012, 188, 3774-3783.	0.4	13
56	Genetic Adjuvantation of Recombinant MVA with CD40L Potentiates CD8 T Cell Mediated Immunity. <i>Frontiers in Immunology</i> , 2013, 4, 251.	2.2	12
57	Intratumoral virotherapy with 4-1BBL armed modified vaccinia Ankara eradicates solid tumors and promotes protective immune memory. , 2021, 9, e001586.		12
58	NLR4 Inflammasome-Driven Immunogenicity of a Recombinant MVA Mucosal Vaccine Encoding Flagellin. <i>Frontiers in Immunology</i> , 2017, 8, 1988.	2.2	11
59	Discordance in STING-Induced Activation and Cell Death Between Mouse and Human Dendritic Cell Populations. <i>Frontiers in Immunology</i> , 2022, 13, 794776.	2.2	10
60	The long-term but not the short-term antiviral effect of IFN- $\gamma$ depends on Flt3 ligand and pDC. <i>European Journal of Immunology</i> , 2006, 36, 1231-1240.	1.6	9
61	Selective Expression of the MAPK Phosphatase Dusp9/MKP-4 in Mouse Plasmacytoid Dendritic Cells and Regulation of IFN- $\gamma$ Production. <i>Journal of Immunology</i> , 2015, 195, 1753-1762.	0.4	8
62	The Generation of Plasmacytoid and Conventional Dendritic Cells with M-CSF. <i>Methods in Molecular Biology</i> , 2010, 595, 187-193.	0.4	7
63	CD70 encoded by modified vaccinia virus Ankara enhances CD8 T cell-dependent protective immunity in MHC class II-deficient mice. <i>Immunology</i> , 2018, 154, 285-297.	2.0	4
64	Immunophenotypical and Functional Characterization of Bone Marrow Derived Dendritic Cells. <i>Advances in Experimental Medicine and Biology</i> , 1995, 378, 61-63.	0.8	3
65	Synergistic antitumor response with recombinant modified virus Ankara armed with CD40L and CD137L against peritoneal carcinomatosis. <i>Oncolmmunology</i> , 2022, 11, .	2.1	3
66	Novel applications of MVA to improve outcomes in immunooncology. <i>Annals of Oncology</i> , 2019, 30, i3.	0.6	1
67	Toll-like Receptors. , 0, , 119-127.		0
68	ID: 78. <i>Cytokine</i> , 2015, 76, 79-80.	1.4	0
69	Abstract 727: A novel rMVA combination immunotherapy triggers potent innate and adaptive immune responses against established tumors. , 2018, , .		0
70	Abstract 1468: Synergistic cancer immunotherapy combination of MVA-CD40L with tumor targeting antibodies or checkpoint blockade to achieve strong antitumor immune responses against large, established tumors. , 2019, , .		0
71	Human Monkeypox " After 40 Years, an Unintended Consequence of Smallpox Eradication. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
72	Abstract 1468: Synergistic cancer immunotherapy combination of MVA-CD40L with tumor targeting antibodies or checkpoint blockade to achieve strong antitumor immune responses against large, established tumors. , 2019, , .		0