

Hans HÃ¤cker

List of Publications by Year in descending order

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54
papers

8,441
citations

126907

33
h-index

168389

53
g-index

54
all docs

54
docs citations

54
times ranked

12018
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation and Function of IKK and IKK-Related Kinases. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, re13-re13.	3.9	1,026
2	Specificity in Toll-like receptor signalling through distinct effector functions of TRAF3 and TRAF6. Nature, 2006, 439, 204-207.	27.8	836
3	Endocytosed HSP60s Use Toll-like Receptor 2 (TLR2) and TLR4 to Activate the Toll/Interleukin-1 Receptor Signaling Pathway in Innate Immune Cells. Journal of Biological Chemistry, 2001, 276, 31332-31339.	3.4	728
4	Bacterial CpG-DNA and lipopolysaccharides activate Toll-like receptors at distinct cellular compartments. European Journal of Immunology, 2002, 32, 1958.	2.9	676
5	CpG-DNA-specific activation of antigen-presenting cells requires stress kinase activity and is preceded by non-specific endocytosis and endosomal maturation. EMBO Journal, 1998, 17, 6230-6240.	7.8	590
6	Immune Cell Activation by Bacterial CpG-DNA through Myeloid Differentiation Marker 88 and Tumor Necrosis Factor Receptor-Associated Factor (Traf)6. Journal of Experimental Medicine, 2000, 192, 595-600.	8.5	434
7	Cutting Edge: Activation of Toll-Like Receptor 2 Induces a Th2 Immune Response and Promotes Experimental Asthma. Journal of Immunology, 2004, 172, 2739-2743.	0.8	426
8	Bacterial DNA causes septic shock. Nature, 1997, 386, 336-337.	27.8	408
9	Macrophages sense pathogens via DNA motifs: induction of tumor necrosis factor- α -mediated shock. European Journal of Immunology, 1997, 27, 1671-1679.	2.9	402
10	Expanding TRAF function: TRAF3 as a tri-faced immune regulator. Nature Reviews Immunology, 2011, 11, 457-468.	22.7	392
11	Quantitative production of macrophages or neutrophils ex vivo using conditional Hoxb8. Nature Methods, 2006, 3, 287-293.	19.0	337
12	Neutrophil granulocytes recruited upon translocation of intestinal bacteria enhance graft-versus-host disease via tissue damage. Nature Medicine, 2014, 20, 648-654.	30.7	241
13	Apoptosis Is Essential for Neutrophil Functional Shutdown and Determines Tissue Damage in Experimental Pneumococcal Meningitis. PLoS Pathogens, 2009, 5, e1000461.	4.7	161
14	Cutting Edge: A Transcriptional Repressor and Corepressor Induced by the STAT3-Regulated Anti-Inflammatory Signaling Pathway. Journal of Immunology, 2007, 179, 7215-7219.	0.8	149
15	Activation of the immune system by bacterial CpG-DNA. Immunology, 2002, 105, 245-251.	4.4	136
16	CpG-DNA Activates In Vivo T Cell Epitope Presenting Dendritic Cells to Trigger Protective Antiviral Cytotoxic T Cell Responses. Journal of Immunology, 2000, 164, 2372-2378.	0.8	123
17	Hematopoietic progenitor cell lines with myeloid and lymphoid potential. Nature Methods, 2013, 10, 795-803.	19.0	112
18	Mechanism of processing of the NF- κ B2 p100 precursor: identification of the specific polyubiquitin chain-anchoring lysine residue and analysis of the role of NEDD8-modification on the SCF ^{β} -TrCP ubiquitin ligase. Oncogene, 2004, 23, 2540-2547.	5.9	102

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19	A20-binding inhibitor of NF- κ B (ABIN1) controls Toll-like receptor-mediated CCAAT/enhancer-binding protein κ 2 activation and protects from inflammatory disease. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E998-1006.	7.1	88
20	Isoform-Specific Expression and Feedback Regulation of E Protein TCF4 Control Dendritic Cell Lineage Specification. Immunity, 2017, 46, 65-77.	14.3	84
21	Type I Interferon Protects against Pneumococcal Invasive Disease by Inhibiting Bacterial Transmigration across the Lung. PLoS Pathogens, 2013, 9, e1003727.	4.7	78
22	Regulation of MyD88-Dependent Signaling Events by S Nitrosylation Retards Toll-Like Receptor Signal Transduction and Initiation of Acute-Phase Immune Responses. Molecular and Cellular Biology, 2008, 28, 1338-1347.	2.3	62
23	Keratinocytes contribute intrinsically to psoriasis upon loss of <i>Tnfr1</i> function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6162-E6171.	7.1	62
24	Analysis of nondegradative protein ubiquitylation with a monoclonal antibody specific for lysine-63-linked polyubiquitin. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20197-20202.	7.1	57
25	Caspase-9/-3 Activation and Apoptosis Are Induced in Mouse Macrophages upon Ingestion and Digestion of <i>Escherichia coli</i> Bacteria. Journal of Immunology, 2002, 169, 3172-3179.	0.8	52
26	Phagocytosis-Induced Apoptosis in Macrophages Is Mediated by Up-Regulation and Activation of the Bcl-2 Homology Domain 3-Only Protein Bim. Journal of Immunology, 2005, 174, 671-679.	0.8	52
27	Quantitative Proteomic Analysis of the Influenza A Virus Nonstructural Proteins NS1 and NS2 during Natural Cell Infection Identifies PACT as an NS1 Target Protein and Antiviral Host Factor. Journal of Virology, 2014, 88, 9038-9048.	3.4	50
28	Protein Tyrosine Phosphatase PTPRS Is an Inhibitory Receptor on Human and Murine Plasmacytoid Dendritic Cells. Immunity, 2015, 43, 277-288.	14.3	47
29	The E3 Ubiquitin Ligase Mind Bomb-2 (MIB2) Protein Controls B-cell CLL/Lymphoma 10 (BCL10)-dependent NF- κ B Activation. Journal of Biological Chemistry, 2011, 286, 37147-37157.	3.4	45
30	Phagocytosis-induced apoptosis of macrophages is linked to uptake, killing and degradation of bacteria. European Journal of Immunology, 2008, 38, 204-215.	2.9	41
31	Is NF- κ B/p100 a direct activator of programmed cell death?. Cancer Cell, 2002, 2, 431-433.	16.8	39
32	Inhibition of T Cells Provides Protection against Early Invasive Pneumococcal Disease. Infection and Immunity, 2010, 78, 5287-5294.	2.2	34
33	High mobility group box 1 prolongs inflammation and worsens disease in pneumococcal meningitis. Brain, 2013, 136, 1746-1759.	7.6	34
34	Myeloid-Related Protein 14 Promotes Inflammation and Injury in Meningitis. Journal of Infectious Diseases, 2015, 212, 247-257.	4.0	30
35	Paroxysmal Nocturnal Haemoglobinuria: A Replacement of Haematopoietic Tissue?. Acta Haematologica, 2000, 103, 41-48.	1.4	29
36	CXCL16 Contributes to Neutrophil Recruitment to Cerebrospinal Fluid in Pneumococcal Meningitis. Journal of Infectious Diseases, 2010, 202, 1389-1396.	4.0	27

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37	NIK Prevents the Development of Hypereosinophilic Syndrome-like Disease in Mice Independent of IKK \pm Activation. <i>Journal of Immunology</i> , 2012, 188, 4602-4610.	0.8	26
38	Leukocyte Attraction by CCL20 and Its Receptor CCR6 in Humans and Mice with Pneumococcal Meningitis. <i>PLoS ONE</i> , 2014, 9, e93057.	2.5	26
39	Fast and efficient genetic engineering of hematopoietic precursor cells for the study of dendritic cell migration. <i>European Journal of Immunology</i> , 2018, 48, 1074-1077.	2.9	24
40	The p53-Target Gene Puma Drives Neutrophil-Mediated Protection against Lethal Bacterial Sepsis. <i>PLoS Pathogens</i> , 2010, 6, e1001240.	4.7	23
41	Vitamin A differentially regulates cytokine expression in respiratory epithelial and macrophage cell lines. <i>Cytokine</i> , 2017, 91, 1-5.	3.2	21
42	MicroRNA203a suppresses glioma tumorigenesis through an ATM-dependent interferon response pathway. <i>Oncotarget</i> , 2017, 8, 112980-112991.	1.8	21
43	<sc>SHARPIN</sc> controls the development of regulatory T cells. <i>Immunology</i> , 2016, 148, 216-226.	4.4	20
44	Identification of Toll-like receptor signaling inhibitors based on selective activation of hierarchically acting signaling proteins. <i>Science Signaling</i> , 2018, 11, .	3.6	17
45	Genetic modification of ER-Hoxb8 osteoclast precursors using CRISPR/Cas9 as a novel way to allow studies on osteoclast biology. <i>Journal of Leukocyte Biology</i> , 2017, 101, 957-966.	3.3	14
46	The role of immunostimulatory CpG-DNA in septic shock. <i>Seminars in Immunopathology</i> , 2000, 22, 167-171.	4.0	11
47	Wiskott-Aldrich syndrome protein restricts cGAS/STING activation by dsDNA immune complexes. <i>JCI Insight</i> , 2020, 5, .	5.0	9
48	A phospho-tyrosineâ€“based signaling module using SPOP, CSK, and LYN controls TLR-induced IRF activity. <i>Science Advances</i> , 2022, 8, .	10.3	9
49	IL-4 regulates IL-12 p40 expression post-transcriptionally as well as via a promoter-based mechanism. <i>European Journal of Immunology</i> , 2003, 33, 428-433.	2.9	7
50	A rapid and affordable point of care test for antibodies against SARS-CoV-2 based on hemagglutination and artificial intelligence interpretation. <i>Scientific Reports</i> , 2021, 11, 24507.	3.3	7
51	Triaryl Pyrazole Tollâ€“Like Receptor Signaling Inhibitors: Structureâ€“Activity Relationships Governing Panâ€“and Selective Signaling Inhibitors. <i>ChemMedChem</i> , 2018, 13, 2208-2216.	3.2	6
52	Immunostimulatory DNA sequences help to eradicate intracellular pathogens. <i>Seminars in Immunopathology</i> , 2000, 22, 147-152.	4.0	5
53	G45R mutation in the nonstructural protein 1 of A/Puerto Rico/8/1934 (H1N1) enhances viral replication independent of dsRNA-binding activity and type I interferon biology. <i>Virology Journal</i> , 2016, 13, 127.	3.4	4
54	Signal Transduction Pathways Activated By CpG-DNA. , 0, , 017-038.		1