

Baidong Hou

List of Publications by Year in descending order

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46
papers

3,096
citations

257450

24
h-index

243625

44
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all docs

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docs citations

46
times ranked

5956
citing authors

#	ARTICLE	IF	CITATIONS
1	Toll-like Receptors Activate Innate and Adaptive Immunity by using Dendritic Cell-Intrinsic and -Extrinsic Mechanisms. <i>Immunity</i> , 2008, 29, 272-282.	14.3	329
2	Î³Î³ intraepithelial lymphocytes are essential mediators of host-microbial homeostasis at the intestinal mucosal surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8743-8748.	7.1	262
3	Expression of A20 by dendritic cells preserves immune homeostasis and prevents colitis and spondyloarthritis. <i>Nature Immunology</i> , 2011, 12, 1184-1193.	14.5	210
4	Selective Utilization of Toll-like Receptor and MyD88 Signaling in B Cells for Enhancement of the Antiviral Germinal Center Response. <i>Immunity</i> , 2011, 34, 375-384.	14.3	206
5	TLR signaling in B-cell development and activation. <i>Cellular and Molecular Immunology</i> , 2013, 10, 103-106.	10.5	203
6	B Cells Are the Dominant Antigen-Presenting Cells that Activate Naive CD4+ T Cells upon Immunization with a Virus-Derived Nanoparticle Antigen. <i>Immunity</i> , 2018, 49, 695-708.e4.	14.3	185
7	B cell IFN-Î³ receptor signaling promotes autoimmune germinal centers via cell-intrinsic induction of BCL-6. <i>Journal of Experimental Medicine</i> , 2016, 213, 733-750.	8.5	182
8	Parasite-induced TH1 cells and intestinal dysbiosis cooperate in IFN-Î³-dependent elimination of Paneth cells. <i>Nature Immunology</i> , 2013, 14, 136-142.	14.5	170
9	B cell-derived IL-6 initiates spontaneous germinal center formation during systemic autoimmunity. <i>Journal of Experimental Medicine</i> , 2017, 214, 3207-3217.	8.5	168
10	CD8 T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	102
11	Critical coordination of innate immune defense against <i>Toxoplasma gondii</i> by dendritic cells responding via their Toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 278-283.	7.1	100
12	B Cell-Intrinsic MyD88 Signaling Prevents the Lethal Dissemination of Commensal Bacteria during Colonic Damage. <i>Immunity</i> , 2012, 36, 228-238.	14.3	100
13	Requirement for MyD88 Signaling in B Cells and Dendritic Cells for Germinal Center Anti-Nuclear Antibody Production in Lyn-Deficient Mice. <i>Journal of Immunology</i> , 2014, 192, 875-885.	0.8	83
14	Macrophage-derived IL-1Î± promotes sterile inflammation in a mouse model of acetaminophen hepatotoxicity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 973-982.	10.5	79
15	Contribution of Toll-like receptor signaling to germinal center antibody responses. <i>Immunological Reviews</i> , 2012, 247, 64-72.	6.0	60
16	Autophagy regulates MAVS signaling activation in a phosphorylation-dependent manner in microglia. <i>Cell Death and Differentiation</i> , 2017, 24, 276-287.	11.2	55
17	The role of B cell antigen presentation in the initiation of CD4+ T cell response. <i>Immunological Reviews</i> , 2020, 296, 24-35.	6.0	53
18	Splenic Red Pulp Macrophages Produce Type I Interferons as Early Sentinels of Malaria Infection but Are Dispensable for Control. <i>PLoS ONE</i> , 2012, 7, e48126.	2.5	53

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19	Polysaccharide from <i>Lentinus edodes</i> Inhibits the Immunosuppressive Function of Myeloid-Derived Suppressor Cells. <i>PLoS ONE</i> , 2012, 7, e51751.	2.5	40
20	The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes. <i>Cell Research</i> , 2018, 28, 981-995.	12.0	37
21	B Cellâ€™s Intrinsic MyD88 Signaling Promotes Initial Cell Proliferation and Differentiation To Enhance the Germinal Center Response to a Virus-like Particle. <i>Journal of Immunology</i> , 2018, 200, 937-948.	0.8	36
22	Toll-Like Receptor Signalling Is Not Involved in Platelet Response to <i>Streptococcus pneumoniae</i> In Vitro or In Vivo. <i>PLoS ONE</i> , 2016, 11, e0156977.	2.5	32
23	Characterization of T-Dependent and T-Independent B Cell Responses to a Virus-like Particle. <i>Journal of Immunology</i> , 2017, 198, 3846-3856.	0.8	31
24	Lung epithelial MyD88 drives early pulmonary clearance of <i>Pseudomonas aeruginosa</i> by a flagellin dependent mechanism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L219-L228.	2.9	30
25	Functional Characterization of CD11c+ Age-Associated B Cells as Memory B Cells. <i>Journal of Immunology</i> , 2019, 203, 2817-2826.	0.8	27
26	Sortase A Induces Th17-Mediated and Antibody-Independent Immunity to Heterologous Serotypes of Group A <i>Streptococci</i> . <i>PLoS ONE</i> , 2014, 9, e107638.	2.5	26
27	Maximal Adjuvant Activity of Nasally Delivered IL-1 β Requires Adjuvant-Responsive CD11c+ Cells and Does Not Correlate with Adjuvant-Induced In Vivo Cytokine Production. <i>Journal of Immunology</i> , 2012, 188, 2834-2846.	0.8	23
28	Hematopoietic but Not Endothelial Cell MyD88 Contributes to Host Defense during Gram-negative Pneumonia Derived Sepsis. <i>PLoS Pathogens</i> , 2014, 10, e1004368.	4.7	23
29	Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. <i>Journal of Leukocyte Biology</i> , 2017, 102, 791-803.	3.3	23
30	Antiviral memory CD8 T-cell differentiation, maintenance, and secondary expansion occur independently of MyD88. <i>Blood</i> , 2011, 117, 3123-3130.	1.4	21
31	The Crohn Disease-associated ATG16L1 ^{T300A} polymorphism regulates inflammatory responses by modulating TLR- and NLR-mediated signaling. <i>Autophagy</i> , 2022, 18, 2561-2575.	9.1	17
32	Normal Development and Activation but Altered Cytokine Production of Fyn-Deficient CD4+ T Cells. <i>Journal of Immunology</i> , 2008, 181, 5374-5385.	0.8	16
33	Noc4L-Mediated Ribosome Biogenesis Controls Activation of Regulatory and Conventional T Cells. <i>Cell Reports</i> , 2019, 27, 1205-1220.e4.	6.4	15
34	Thrombocytopenia Impairs Host Defense Against <i>Burkholderia pseudomallei</i> (Meliodiosis). <i>Journal of Infectious Diseases</i> , 2019, 219, 648-659.	4.0	14
35	Serine Phosphorylation of the STAT1 Transactivation Domain Promotes Autoreactive B Cell and Systemic Autoimmunity Development. <i>Journal of Immunology</i> , 2020, 204, 2641-2650.	0.8	13
36	E-protein regulatory network links TCR signaling to effector Treg cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4471-4480.	7.1	11

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37	Sustainability of SARS-CoV-2 Induced Humoral Immune Responses in COVID-19 Patients from Hospitalization to Convalescence Over Six Months. <i>Virologica Sinica</i> , 2021, 36, 869-878.	3.0	11
38	A pathogen-like antigen based vaccine confers immune protection against SARS-CoV-2 in non-human primates. <i>Cell Reports Medicine</i> , 2021, 2, 100448.	6.5	11
39	Consecutive Monitoring of Interleukin-6 Is Needed for COVID-19 Patients. <i>Virologica Sinica</i> , 2021, 36, 1093-1096.	3.0	9
40	Epithelial Myeloid-Differentiation Factor 88 Is Dispensable during <i>Klebsiella</i> Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 648-656.	2.9	8
41	PTEN-Regulated AID Transcription in Germinal Center B Cells Is Essential for the Class-Switch Recombination and IgG Antibody Responses. <i>Frontiers in Immunology</i> , 2018, 9, 371.	4.8	8
42	Cutting Edge: A Threshold of B Cell Costimulatory Signals Is Required for Spontaneous Germinal Center Formation in Autoimmunity. <i>Journal of Immunology</i> , 2021, 207, 2217-2222.	0.8	6
43	Activated PI3K \hat{I} signals compromise plasma cell survival via limiting autophagy and increasing ER stress. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	5
44	Metabolic defects in splenic B cell compartments from patients with liver cirrhosis. <i>Cell Death and Disease</i> , 2020, 11, 915.	6.3	3
45	Homeostatic regulation of T follicular helper and antibody response to particle antigens by IL-1Ra of medullary sinus macrophage origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2019798118.	7.1	0
46	1703â€¦Activated PI3K \hat{I} signals compromise plasma cell survival via limiting autophagy and increasing endoplasmic reticulum stress. , 2021, , .		0