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 g-index
46 all docs	46 docs citations	46 times ranked	5956 citing authors

#	Article	IF	Citations
1	The Crohn Disease-associated ATG16L1^{T300A} polymorphism regulates inflammatory responses by modulating TLR- and NLR-mediated signaling. Autophagy, 2022, 18, 2561-2575.	9.1	17
2	Sustainability of SARS-CoV-2 Induced Humoral Immune Responses in COVID-19 Patients from Hospitalization to Convalescence Over Six Months. Virologica Sinica, 2021, 36, 869-878.	3.0	11
3	Homeostatic regulation of T follicular helper and antibody response to particle antigens by IL-1Ra of medullary sinus macrophage origin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2019798118.	7.1	0
4	Consecutive Monitoring of Interleukin-6 Is Needed for COVID-19 Patients. Virologica Sinica, 2021, 36, 1093-1096.	3.0	9
5	Activated PI3KÎ´ signals compromise plasma cell survival via limiting autophagy and increasing ER stress. Journal of Experimental Medicine, 2021, 218, .	8.5	5
6	Cutting Edge: A Threshold of B Cell Costimulatory Signals Is Required for Spontaneous Germinal Center Formation in Autoimmunity. Journal of Immunology, 2021, 207, 2217-2222.	0.8	6
7	A pathogen-like antigen based vaccine confers immune protection against SARS-CoV-2 in non-human primates. Cell Reports Medicine, 2021, 2, 100448.	6.5	11
8	1703â€…Activated PI3KÎ´ signals compromise plasma cell survival via limiting autophagy and increasing endoplasmic reticulum stress. , 2021, , .		0
9	Metabolic defects in splenic B cell compartments from patients with liver cirrhosis. Cell Death and Disease, 2020, 11, 915.	6.3	3
10	The role of B cell antigen presentation in the initiation of CD4+ T cell response. Immunological Reviews, 2020, 296, 24-35.	6.0	53
11	Serine Phosphorylation of the STAT1 Transactivation Domain Promotes Autoreactive B Cell and Systemic Autoimmunity Development. Journal of Immunology, 2020, 204, 2641-2650.	0.8	13
12	Noc4L-Mediated Ribosome Biogenesis Controls Activation of Regulatory and Conventional T Cells. Cell Reports, 2019, 27, 1205-1220.e4.	6.4	15
13	E-protein regulatory network links TCR signaling to effector Treg cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4471-4480.	7.1	11
14	Functional Characterization of CD11c+ Age-Associated B Cells as Memory B Cells. Journal of Immunology, 2019, 203, 2817-2826.	0.8	27
15	Thrombocytopenia Impairs Host Defense AgainstBurkholderia pseudomallei(Melioidosis). Journal of Infectious Diseases, 2019, 219, 648-659.	4.0	14
16	B Cellâ€“Intrinsic MyD88 Signaling Promotes Initial Cell Proliferation and Differentiation To Enhance the Germinal Center Response to a Virus-like Particle. Journal of Immunology, 2018, 200, 937-948.	0.8	36
17	Macrophage-derived IL-1Î± promotes sterile inflammation in a mouse model of acetaminophen hepatotoxicity. Cellular and Molecular Immunology, 2018, 15, 973-982.	10.5	79
18	B Cells Are the Dominant Antigen-Presenting Cells that Activate Naive CD4+ T Cells upon Immunization with a Virus-Derived Nanoparticle Antigen. Immunity, 2018, 49, 695-708.e4.	14.3	185

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19	PTEN-Regulated AID Transcription in Germinal Center B Cells Is Essential for the Class-Switch Recombination and IgG Antibody Responses. Frontiers in Immunology, 2018, 9, 371.	4.8	8
20	The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes. Cell Research, 2018, 28, 981-995.	12.0	37
21	Autophagy regulates MAVS signaling activation in a phosphorylation-dependent manner in microglia. Cell Death and Differentiation, 2017, 24, 276-287.	11.2	55
22	Epithelial Myeloid-Differentiation Factor 88 Is Dispensable duringKlebsiellaPneumonia. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 648-656.	2.9	8
23	Characterization of T-Dependent and T-Independent B Cell Responses to a Virus-like Particle. Journal of Immunology, 2017, 198, 3846-3856.	0.8	31
24	CD8 ⁺ T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. Journal of Virology, 2017, 91, .	3.4	102
25	B cellâ€“derived IL-6 initiates spontaneous germinal center formation during systemic autoimmunity. Journal of Experimental Medicine, 2017, 214, 3207-3217.	8.5	168
26	Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. Journal of Leukocyte Biology, 2017, 102, 791-803.	3.3	23
27	B cell IFN-Î³ receptor signaling promotes autoimmune germinal centers via cell-intrinsic induction of BCL-6. Journal of Experimental Medicine, 2016, 213, 733-750.	8.5	182
28	Lung epithelial MyD88 drives early pulmonary clearance of Pseudomonas aeruginosa by a flagellin dependent mechanism. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L219-L228.	2.9	30
29	Toll-Like Receptor Signalling Is Not Involved in Platelet Response to Streptococcus pneumoniae In Vitro or In Vivo. PLoS ONE, 2016, 11, e0156977.	2.5	32
30	Requirement for MyD88 Signaling in B Cells and Dendritic Cells for Germinal Center Anti-Nuclear Antibody Production in Lyn-Deficient Mice. Journal of Immunology, 2014, 192, 875-885.	0.8	83
31	Hematopoietic but Not Endothelial Cell MyD88 Contributes to Host Defense during Gram-negative Pneumonia Derived Sepsis. PLoS Pathogens, 2014, 10, e1004368.	4.7	23
32	Sortase A Induces Th17-Mediated and Antibody-Independent Immunity to Heterologous Serotypes of Group A Streptococci. PLoS ONE, 2014, 9, e107638.	2.5	26
33	TLR signaling in B-cell development and activation. Cellular and Molecular Immunology, 2013, 10, 103-106.	10.5	203
34	Parasite-induced TH1 cells and intestinal dysbiosis cooperate in IFN-Î³-dependent elimination of Paneth cells. Nature Immunology, 2013, 14, 136-142.	14.5	170
35	Maximal Adjuvant Activity of Nasally Delivered IL-1Î± Requires Adjuvant-Responsive CD11c+ Cells and Does Not Correlate with Adjuvant-Induced In Vivo Cytokine Production. Journal of Immunology, 2012, 188, 2834-2846.	0.8	23
36	Polysaccharide from Lentinus edodes Inhibits the Immunosuppressive Function of Myeloid-Derived Suppressor Cells. PLoS ONE, 2012, 7, e51751.	2.5	40

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37	B Cell-Intrinsic MyD88 Signaling Prevents the Lethal Dissemination of Commensal Bacteria during Colonic Damage. Immunity, 2012, 36, 228-238.	14.3	100
38	Contribution of Tollâ€like receptor signaling to germinal center antibody responses. Immunological Reviews, 2012, 247, 64-72.	6.0	60
39	Splenic Red Pulp Macrophages Produce Type I Interferons as Early Sentinels of Malaria Infection but Are Dispensable for Control. PLoS ONE, 2012, 7, e48126.	2.5	53
40	Expression of A20 by dendritic cells preserves immune homeostasis and prevents colitis and spondyloarthritis. Nature Immunology, 2011, 12, 1184-1193.	14.5	210
41	Antiviral memory CD8 T-cell differentiation, maintenance, and secondary expansion occur independently of MyD88. Blood, 2011, 117, 3123-3130.	1.4	21
42	Selective Utilization of Toll-like Receptor and MyD88 Signaling in B Cells for Enhancement of the Antiviral Germinal Center Response. Immunity, 2011, 34, 375-384.	14.3	206
43	Critical coordination of innate immune defense against Toxoplasma gondii by dendritic cells responding via their Toll-like receptors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 278-283.	7.1	100
44	Î³Î´ intraepithelial lymphocytes are essential mediators of hostâ€“microbial homeostasis at the intestinal mucosal surface. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8743-8748.	7.1	262
45	Toll-like Receptors Activate Innate and Adaptive Immunity by using Dendritic Cell-Intrinsic and -Extrinsic Mechanisms. Immunity, 2008, 29, 272-282.	14.3	329
46	Normal Development and Activation but Altered Cytokine Production of Fyn-Deficient CD4+ T Cells. Journal of Immunology, 2008, 181, 5374-5385.	0.8	16