List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An Essential Role for BAFF in the Normal Development of B Cells Through a BCMA-Independent Pathway. Science, 2001, 293, 2111-2114.	12.6	989
2	Persistence of serum and saliva antibody responses to SARS-CoV-2 spike antigens in COVID-19 patients. Science Immunology, 2020, 5, .	11.9	714
3	Notch2 Receptor Signaling Controls Functional Differentiation of Dendritic Cells in the Spleen and Intestine. Immunity, 2011, 35, 780-791.	14.3	412
4	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. Nature Immunology, 2013, 14, 937-948.	14.5	368
5	Proinflammatory GM-CSF–producing B cells in multiple sclerosis and B cell depletion therapy. Science Translational Medicine, 2015, 7, 310ra166.	12.4	334
6	B cell depletion therapies in autoimmune disease: advances and mechanistic insights. Nature Reviews Drug Discovery, 2021, 20, 179-199.	46.4	296
7	Lymphotoxin/LIGHT, lymphoid microenvironments and autoimmune disease. Nature Reviews Immunology, 2003, 3, 642-655.	22.7	263
8	Recirculating Intestinal IgA-Producing Cells Regulate Neuroinflammation via IL-10. Cell, 2019, 176, 610-624.e18.	28.9	241
9	Mice overexpressing BAFF develop a commensal flora–dependent, IgA-associated nephropathy. Journal of Clinical Investigation, 2011, 121, 3991-4002.	8.2	208
10	A simple protein-based surrogate neutralization assay for SARS-CoV-2. JCI Insight, 2020, 5, .	5.0	193
11	Acquisition of a multifunctional IgA+ plasma cell phenotype in the gut. Nature, 2012, 481, 199-203.	27.8	177
12	Integration of Th17- and Lymphotoxin-Derived Signals Initiates Meningeal-Resident Stromal Cell Remodeling to Propagate Neuroinflammation. Immunity, 2015, 43, 1160-1173.	14.3	176
13	Nod2-Dependent Th2 Polarization of Antigen-Specific Immunity. Journal of Immunology, 2008, 181, 7925-7935.	0.8	166
14	Systemic and mucosal IgA responses are variably induced in response to SARS-CoV-2 mRNA vaccination and are associated with protection against subsequent infection. Mucosal Immunology, 2022, 15, 799-808.	6.0	152
15	Targeted Deletion of <i>fgl2</i> Leads to Impaired Regulatory T Cell Activity and Development of Autoimmune Glomerulonephritis. Journal of Immunology, 2008, 180, 249-260.	0.8	134
16	Gut microbiota–specific IgA ⁺ B cells traffic to the CNS in active multiple sclerosis. Science Immunology, 2020, 5, .	11.9	132
17	B Cells in the Multiple Sclerosis Central Nervous System: Trafficking and Contribution to CNS-Compartmentalized Inflammation. Frontiers in Immunology, 2015, 6, 636.	4.8	120
18	Fine-tuning of dendritic cell biology by the TNF superfamily. Nature Reviews Immunology, 2012, 12, 339-351.	22.7	112

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19	Lymphatic Endothelial Cells Control Initiation of Lymph Node Organogenesis. Immunity, 2017, 47, 80-92.e4.	14.3	107
20	A Role for CD21/CD35 and CD19 in Responses to Acute Septic Peritonitis: A Potential Mechanism for Mast Cell Activation. Journal of Immunology, 2000, 165, 6915-6921.	0.8	97
21	Re-thinking the functions of IgA ⁺ plasma cells. Gut Microbes, 2014, 5, 652-662.	9.8	95
22	AID constrains germinal center size by rendering B cells susceptible to apoptosis. Blood, 2009, 114, 547-554.	1.4	85
23	The SAGA Deubiquitination Module Promotes DNA Repair and Class Switch Recombination through ATM and DNAPK-Mediated γH2AX Formation. Cell Reports, 2016, 15, 1554-1565.	6.4	81
24	A Novel MicroRNA-132-Surtuin-1 Axis Underlies Aberrant B-cell Cytokine Regulation in Patients with Relapsing-Remitting Multiple Sclerosis. PLoS ONE, 2014, 9, e105421.	2.5	81
25	Tim-3 Negatively Regulates Cytotoxicity in Exhausted CD8+ T Cells in HIV Infection. PLoS ONE, 2012, 7, e40146.	2.5	80
26	Nuclear factor-κB1 controls the functional maturation of dendritic cells and prevents the activation of autoreactive T cells. Nature Medicine, 2011, 17, 1663-1667.	30.7	75
27	Meningeal Tertiary Lymphoid Tissues and Multiple Sclerosis: A Gathering Place for Diverse Types of Immune Cells during CNS Autoimmunity. Frontiers in Immunology, 2015, 6, 657.	4.8	73
28	Development of nephritis but not sialadenitis in autoimmune-prone BAFF transgenic mice lacking marginal zone B cells. European Journal of Immunology, 2006, 36, 2504-2514.	2.9	69
29	Cytokine-Defined B Cell Responses as Therapeutic Targets in Multiple Sclerosis. Frontiers in Immunology, 2015, 6, 626.	4.8	69
30	Expression of lymphotoxin-α ^{Î2} on antigen-specific T cells is required for DC function. Journal of Experimental Medicine, 2007, 204, 1071-1081.	8.5	68
31	BAFF induces a hyper-IgA syndrome in the intestinal lamina propria concomitant with IgA deposition in the kidney independent of LIGHT. Cellular Immunology, 2006, 241, 85-94.	3.0	65
32	Dendritic Cell Subsets in Intestinal Immunity and Inflammation. Journal of Immunology, 2020, 204, 1075-1083.	0.8	64
33	Three-Dimensional Imaging of Transparent Tissues via Metal Nanoparticle Labeling. Journal of the American Chemical Society, 2017, 139, 9961-9971.	13.7	60
34	Differential requirement of MALT1 for BAFF-induced outcomes in B cell subsets. Journal of Experimental Medicine, 2009, 206, 2671-2683.	8.5	58
35	Multiplexed imaging of immune cells in staged multiple sclerosis lesions by mass cytometry. ELife, 2019, 8, .	6.0	56
36	A role for surface lymphotoxin in experimental autoimmune encephalomyelitis independent of LIGHT. Journal of Clinical Investigation, 2003, 112, 755-767.	8.2	52

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37	Manipulation of lymphoid microenvironments in nonhuman primates by an inhibitor of the lymphotoxin pathway. Journal of Clinical Investigation, 2002, 110, 1359-1369.	8.2	51
38	The H2B deubiquitinase Usp22 promotes antibody class switch recombination by facilitating non-homologous end joining. Nature Communications, 2018, 9, 1006.	12.8	47
39	Asthma, Type 1 and Type 2 Diabetes Mellitus, and Inflammatory Bowel Disease amongst South Asian Immigrants to Canada and Their Children: A Population-Based Cohort Study. PLoS ONE, 2015, 10, e0123599.	2.5	46
40	The 3BP2 Adapter Protein Is Required for Optimal B-Cell Activation and Thymus-Independent Type 2 Humoral Response. Molecular and Cellular Biology, 2007, 27, 3109-3122.	2.3	45
41	Activated leukocyte cell adhesion molecule regulates B lymphocyte migration across central nervous system barriers. Science Translational Medicine, 2019, 11, .	12.4	45
42	Fibroblastic reticular cells initiate immune responses in visceral adipose tissues and secure peritoneal immunity. Science Immunology, 2018, 3, .	11.9	44
43	HIV Acquisition Is Associated with Increased Antimicrobial Peptides and Reduced HIV Neutralizing IgA in the Foreskin Prepuce of Uncircumcised Men. PLoS Pathogens, 2014, 10, e1004416.	4.7	43
44	Phosphatidylinositol 3-Kinase and Ca2+ Influx Dependence for Ligand-stimulated Internalization of the c-Kit Receptor. Journal of Biological Chemistry, 1997, 272, 30519-30525.	3.4	42
45	The Lymphotoxin Pathway: Beyond Lymph Node Development. Immunologic Research, 2006, 35, 41-54.	2.9	41
46	Human central nervous system astrocytes support survival and activation of B cells: implications for MS pathogenesis. Journal of Neuroinflammation, 2018, 15, 114.	7.2	40
47	ICOS, CD40, and Lymphotoxin Î ² Receptors Signal Sequentially and Interdependently to Initiate a Germinal Center Reaction. Journal of Immunology, 2008, 180, 2284-2293.	0.8	37
48	Dynamic accumulation of plasmacytoid dendritic cells in lymph nodes is regulated by interferon-β. Blood, 2009, 114, 2623-2631.	1.4	37
49	A Sphingosine-1-Phosphate Receptor 1-Directed Agonist Reduces Central Nervous System Inflammation in a Plasmacytoid Dendritic Cell-Dependent Manner. Journal of Immunology, 2012, 189, 3700-3706.	0.8	34
50	Stromal Cell Niches in the Inflamed Central Nervous System. Journal of Immunology, 2017, 198, 1775-1781.	0.8	32
51	Guardians of the oral and nasopharyngeal galaxy: <scp>IgA</scp> and protection against <scp>SARSâ€CoV</scp> ‣ infection*. Immunological Reviews, 2022, 309, 75-85.	6.0	32
52	Antibody-Independent Function of Human B Cells Contributes to Antifungal T Cell Responses. Journal of Immunology, 2017, 198, 3245-3254.	0.8	31
53	The Ins and Outs of Central Nervous System Inflammation—Lessons Learned from Multiple Sclerosis. Annual Review of Immunology, 2021, 39, 199-226.	21.8	30
54	Fantastic IgA plasma cells and where to find them. Immunological Reviews, 2021, 303, 119-137.	6.0	30

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55	Complement-associated loss of CA2 inhibitory synapses in the demyelinated hippocampus impairs memory. Acta Neuropathologica, 2021, 142, 643-667.	7.7	30
56	AID mutates a non-immunoglobulin transgene independent of chromosomal position. Molecular Immunology, 2007, 44, 567-575.	2.2	29
57	The Lymphotoxin Network: Orchestrating a Type I interferon response to optimize adaptive immunity. Cytokine and Growth Factor Reviews, 2014, 25, 139-145.	7.2	29
58	LTβR signaling in dendritic cells induces a type I IFN response that is required for optimal clonal expansion of CD8 ⁺ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2046-2051.	7.1	28
59	An "Outside-In―and "Inside-Out―Consideration of Complement in the Multiple Sclerosis Brain: Lessons From Development and Neurodegenerative Diseases. Frontiers in Cellular Neuroscience, 2020, 14, 600656.	3.7	28
60	AID-Expressing Germinal Center B Cells Cluster Normally within Lymph Node Follicles in the Absence of FDC-M1+ CD35+ Follicular Dendritic Cells but Dissipate Prematurely. Journal of Immunology, 2013, 191, 4521-4530.	0.8	27
61	Negative selection of B lymphocytes: a novel role for innate immunity. Immunological Reviews, 2000, 173, 120-130.	6.0	26
62	LIGHT is dispensable for CD4+ and CD8+ T cell and antibody responses to influenza A virus in mice. International Immunology, 2006, 18, 797-806.	4.0	26
63	Siponimod therapy implicates Th17 cells in a preclinical model of subpial cortical injury. JCI Insight, 2020, 5, .	5.0	24
64	Substrain Differences Reveal Novel Disease-Modifying Gene Candidates That Alter the Clinical Course of a Rodent Model of Multiple Sclerosis. Journal of Immunology, 2010, 184, 3174-3185.	0.8	23
65	LTÎ ² R and CD40: working together in dendritic cells to optimize immune responses. Immunological Reviews, 2011, 244, 85-98.	6.0	23
66	Early-life programming of mesenteric lymph node stromal cell identity by the lymphotoxin pathway regulates adult mucosal immunity. Science Immunology, 2019, 4, .	11.9	23
67	B-Cell Deficiency Lowers Blood Pressure in Mice. Hypertension, 2019, 73, 561-570.	2.7	23
68	Manipulation of lymphoid microenvironments in nonhuman primates by an inhibitor of the lymphotoxin pathway. Journal of Clinical Investigation, 2002, 110, 1359-1369.	8.2	23
69	The LIGHT and DARC sides of herpesvirus entry mediator. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13365-13366.	7.1	22
70	Unusual timing of CD127 expression by mouse uterine natural killer cells. Journal of Leukocyte Biology, 2012, 91, 417-426.	3.3	22
71	Deficiency of the B Cell-Activating Factor Receptor Results in Limited CD169 ⁺ Macrophage Function during Viral Infection. Journal of Virology, 2015, 89, 4748-4759.	3.4	22
72	Plasmacytoid dendritic cells and autoimmune inflammation. Biological Chemistry, 2014, 395, 335-346.	2.5	21

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73	The elF2α kinase HRI triggers the autophagic clearance of cytosolic protein aggregates. Journal of Biological Chemistry, 2021, 296, 100050.	3.4	21
74	Regulation of neuroinflammation by B cells and plasma cells. Immunological Reviews, 2021, 299, 45-60.	6.0	19
75	Cytokine/Stromal Cell Networks and Lymphoid Tissue Environments. Journal of Interferon and Cytokine Research, 2011, 31, 277-289.	1.2	17
76	The Regulation of Immune Responses by DC Derived Type I IFN. Frontiers in Immunology, 2013, 4, 94.	4.8	17
77	AID and Caspase 8 Shape the Germinal Center Response through Apoptosis. Journal of Immunology, 2013, 191, 5840-5847.	0.8	17
78	Accumulation of meningeal lymphocytes correlates with white matter lesion activity in progressive multiple sclerosis. JCI Insight, 2022, 7, .	5.0	16
79	A TNF-α–CCL20–CCR6 Axis Regulates Nod1-Induced B Cell Responses. Journal of Immunology, 2014, 192, 2787-2799.	0.8	15
80	Isotype-Switched Autoantibodies Are Necessary To Facilitate Central Nervous System Autoimmune Disease in Aicdaâ^'/â^' and Ungâ^'/â^' Mice. Journal of Immunology, 2018, 201, 1119-1130.	0.8	15
81	Plasma Cells: From Cytokine Production to Regulation in Experimental Autoimmune Encephalomyelitis. Journal of Molecular Biology, 2021, 433, 166655.	4.2	15
82	Antibodies That Block or Activate Mouse B Cell Activating Factor of the Tumor Necrosis Factor (TNF) Family (BAFF), Respectively, Induce B Cell Depletion or B Cell Hyperplasia. Journal of Biological Chemistry, 2016, 291, 19826-19834.	3.4	15
83	The Impact of Migration on the Gut Metagenome of South Asian Canadians. Gut Microbes, 2021, 13, 1-29.	9.8	14
84	Immunoglobulin A nephropathy is characterized by anticommensal humoral immune responses. JCI Insight, 2022, 7, .	5.0	13
85	Secondary B Cell Receptor Diversification Is Necessary for T Cell Mediated Neuro-Inflammation during Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2013, 8, e61478.	2.5	12
86	Aged hind-limb clasping experimental autoimmune encephalomyelitis models aspects of the neurodegenerative process seen in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22710-22720.	7.1	12
87	The microbiome and IgA nephropathy. Seminars in Immunopathology, 2021, 43, 649-656.	6.1	12
88	Persistence of T Cell and Antibody Responses to SARS-CoV-2 Up to 9 Months after Symptom Onset. Journal of Immunology, 2022, 208, 429-443.	0.8	12
89	Homeodomain-Interacting Protein Kinase (HIPK)-1 Is Required for Splenic B Cell Homeostasis and Optimal T-Independent Type 2 Humoral Response. PLoS ONE, 2012, 7, e35533.	2.5	11
90	Hematopoietic LTβR deficiency results in skewed T cell cytokine profiles during a mucosal viral infection. Journal of Leukocyte Biology, 2016, 100, 103-110.	3.3	11

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91	Stromal Cell–Mediated Coordination of Immune Cell Recruitment, Retention, and Function in Brain-Adjacent Regions. Journal of Immunology, 2021, 206, 282-291.	0.8	11
92	NLRC5 deficiency has a moderate impact on immunodominant <scp>CD</scp> 8 ⁺ T ell responses during rotavirus infection of adult mice. Immunology and Cell Biology, 2019, 97, 552-562.	2.3	10
93	Lymphotoxin-sensitive microenvironments in homeostasis and inflammation. Frontiers in Immunology, 2012, 3, 243.	4.8	9
94	B cells in MS: Why, where and how?. Multiple Sclerosis and Related Disorders, 2012, 1, 123-130.	2.0	6
95	A Lymphotoxin/Type I IFN Axis Programs CD8+ T Cells To Infiltrate a Self-Tissue and Propagate Immunopathology. Journal of Immunology, 2015, 195, 4650-4659.	0.8	5
96	The Impact of IgA and the Microbiota on CNS Disease. Frontiers in Immunology, 2021, 12, 742173.	4.8	5
97	Age-dependent gray matter demyelination is associated with leptomeningeal neutrophil accumulation. JCI Insight, 2022, 7, .	5.0	5
98	Age-related changes in multiple sclerosis and experimental autoimmune encephalomyelitis. Seminars in Immunology, 2022, 59, 101631.	5.6	4
99	A role for the lymphotoxin/LIGHT pathway in T-cell mediated autoimmunity and infectious disease. Clinical and Applied Immunology Reviews, 2004, 4, 367-393.	0.4	3
100	c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. Cell Reports, 2019, 27, 2304-2312.e6.	6.4	3
101	The Lymphotoxin Pathway as a Novel Regulator of Dendritic Cell Function. Advances in Experimental Medicine and Biology, 2011, 691, 363-374.	1.6	2
102	The Role of the BAFF and Lymphotoxin Pathways in B Cell Biology. , 2015, , 251-276.		1
103	A totally OSM gift to astrocytes relieves inflammation. Immunity, 2021, 54, 401-403.	14.3	1
104	CCR6 Expression on B Cells Is Not Required for Clinical or Pathological Presentation of MOG Protein–Induced Experimental Autoimmune Encephalomyelitis despite an Altered Germinal Center Response. Journal of Immunology, 2021, 207, 1513-1521.	0.8	1
105	Mice overexpressing BAFF develop a commensal flora–dependent, IgA-associated nephropathy. Journal of Clinical Investigation, 2012, 122, 778-778.	8.2	1
106	Neonatal LTβR signaling is required for the accumulation of eosinophils in the inflamed adult mesenteric lymph node. Mucosal Immunology, 2022, , .	6.0	1
107	Human B cell and glial cell interactions: Implications to the compartmentalized CNS inflammation of multiple sclerosis (MS). Journal of Neuroimmunology, 2014, 275, 176-177.	2.3	0
108	The 14th International TNF Conference, Québec City, Canada – Des Progrės Récents aux Défis Futurs (Recent Advances toward Future Challenges). Cytokine and Growth Factor Reviews, 2014, 25, 77-81.	7.2	0

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109	Germinal Centers. , 2016, , 179-185.		0
110	The Requirement of B-cells for Renal and Blood Pressure Homeostasis. Atherosclerosis Supplements, 2018, 32, 108.	1.2	0
111	Intestinal protection without T cell help. Nature Reviews Immunology, 2020, 20, 275-275.	22.7	0
112	Queen's Gambit: B Cell to Follicle. Journal of Immunology, 2021, 207, 753-754.	0.8	0
113	Lymphotoxin is critically required for the presence of IgAâ€promoting iNOS + DCs in the intestinal lamina propria. FASEB Journal, 2008, 22, 851.8.	0.5	0