Daisuke Kitamura

List of Publications by Year
in descending order

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96 papers	6,826 citations	109137 35 h-index	62479 80 g-index
101 all docs	101 docs citations	101 times ranked	9467 citing authors

#	Article	IF	Citations
1	An IL-9â€“pulmonary macrophage axis defines the allergic lung inflammatory environment. Science Immunology, 2022, 7, eabi9768.	5.6	29
2	Integrin CD11b provides a new marker of pre-germinal center IgA+ B cells in murine Peyerâ€™s patches. International Immunology, 2022, 34, 249-262.	1.8	1
3	Mouse pulmonary interstitial macrophages mediate the pro-tumorigenic effects of IL-9. Nature Communications, 2022, 13, .	5.8	11
4	Multi-faceted regulation of IgE production and humoral memory formation. Allergology International, 2021, 70, 163-168.	1.4	10
5	Mechanisms for the regulation of memory B-cell recall responses in mice. International Immunology, 2021, 33, 791-796.	1.8	2
6	MicroRNA-directed pathway discovery elucidates an miR-221/222â€“mediated regulatory circuit in class switch recombination. Journal of Experimental Medicine, 2021, 218, .	4.2	6
7	A novel cancer immunotherapy using tumor-infiltrating B cells in the APCmin/+ mouse model. PLoS ONE, 2021, 16, e0245608.	1.1	6
8	Protein kinase CÎ´ is essential for the IgG response against T-cell-independent type 2 antigens and commensal bacteria. ELife, 2021, 10, .	2.8	5
9	Metabolic Reprogramming Induces Germinal Center B Cell Differentiation through Bcl6 Locus Remodeling. Cell Reports, 2020, 33, 108333.	2.9	45
10	Tracing Self-Reactive B Cells in Normal Mice. Journal of Immunology, 2020, 205, 90-101.	0.4	9
11	Ubiquitination of IgG1 cytoplasmic tail modulates B-cell signalling and activation. International Immunology, 2020, 32, 385-395.	1.8	1
12	Cross-Reactivity to Kynureninase Tolerizes B Cells That Express the HIV-1 Broadly Neutralizing Antibody 2F5. Journal of Immunology, 2019, 203, 3268-3281.	0.4	12
13	Molecular Design, Optimization, and Genomic Integration of Chimeric B Cell Receptors in Murine B Cells. Frontiers in Immunology, 2019, 10, 2630.	2.2	18
14	PRMT5 is essential for B cell development and germinal center dynamics. Nature Communications, 2019, 10, 22.	5.8	61
15	Induced Germinal Center B Cell Culture System. Bio-protocol, 2019, 9, e3163.	0.2	9
16	The quantity of CD40 signaling determines the differentiation of B cells into functionally distinct memory cell subsets. ELife, 2019, 8, .	2.8	44
17	DNA Immunization Using in vivo Electroporation for Generating Monoclonal Antibodies Against Mouse IL-9R. Bio-protocol, 2019, 9, e3174.	0.2	2
18	Cbl Ubiquitin Ligases Control B Cell Exit from the Germinal-Center Reaction. Immunity, 2018, 48, 530-541.e6.	6.6	58

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19	A splenic IgM memory subset with antibacterial specificities is sustained from persistent mucosal responses. Journal of Experimental Medicine, 2018, 215, 2035-2053.	4.2	30
20	IL-9 receptor signaling in memory B cells regulates humoral recall responses. Nature Immunology, 2018, 19, 1025-1034.	7.0	70
21	Transcription Factor STAT3 Serves as a Negative Regulator Controlling IgE Class Switching in Mice. ImmunoHorizons, 2018, 2, 349-362.	0.8	12
22	BCR and Endosomal TLR Signals Synergize to Increase AID Expression and Establish Central B Cell Tolerance. Cell Reports, 2017, 18, 1627-1635.	2.9	49
23	Differing Requirements for MALT1 Function in Peripheral B Cell Survival and Differentiation. Journal of Immunology, 2017, 198, 1066-1080.	0.4	10
24	Host DNases prevent vascular occlusion by neutrophil extracellular traps. Science, 2017, 358, 1202-1206.	6.0	426
25	The AID-Cre-ERT2 Model: A Tool for Monitoring B Cell Immune Responses and Generating Selective Hybridomas. Methods in Molecular Biology, 2017, 1623, 243-251.	0.4	10
26	In Vitro-Induced Germinal Center B Cell Culture System. Methods in Molecular Biology, 2017, 1623, 125-133.	0.4	9
27	Complex Antigens Drive Permissive Clonal Selection in Germinal Centers. Immunity, 2016, 44, 542-552.	6.6	278
28	IFN-Î³ receptor and STAT1 signaling in B cells are central to spontaneous germinal center formation and autoimmunity. Journal of Experimental Medicine, 2016, 213, 715-732.	4.2	157
29	DNase Î³, DNase I and caspaseâ€activated DNase cooperate to degrade dead cells. Genes To Cells, 2016, 21, 1150-1163.	0.5	30
30	Autonomous membrane IgE signaling prevents IgE-memory formation. Nature Immunology, 2016, 17, 1109-1117.	7.0	102
31	GIMAP1 Is Essential for the Survival of Naive and Activated B Cells In Vivo. Journal of Immunology, 2016, 196, 207-216.	0.4	26
32	ExÂvivo engineered immune organoids for controlled germinal centerÂreactions. Biomaterials, 2015, 63, 24-34.	5.7	108
33	JNK Regulatory Molecule G5PR Induces IgG Autoantibodyâ€“Producing Plasmablasts from Peritoneal B1a Cells. Journal of Immunology, 2015, 194, 1480-1488.	0.4	6
34	Acrolein, a highly toxic aldehyde generated under oxidative stress in vivo, aggravates the mouse liver damage after acetaminophen overdose. Biomedical Research, 2014, 35, 389-395.	0.3	20
35	gp49B-Mediated Negative Regulation of Antibody Production by Memory and Marginal Zone B Cells. Journal of Immunology, 2014, 193, 635-644.	0.4	20
36	Spleen supports a pool of innate-like B cells in white adipose tissue that protects against obesity-associated insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4638-47.	3.3	59

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37	Germinal center dysregulation by histone methyltransferase EZH2 promotes lymphomagenesis. Journal of Clinical Investigation, 2014, 124, 1869-1869.	3.9	1
38	A Novel and Effective Cancer Immunotherapy Mouse Model Using Antigen-Specific B Cells Selected In Vitro. PLoS ONE, 2014, 9, e92732.	1.1	16
39	DNase Î³ Is the Effector Endonuclease for Internucleosomal DNA Fragmentation in Necrosis. PLoS ONE, 2013, 8, e80223.	1.1	47
40	Germinal center dysregulation by histone methyltransferase EZH2 promotes lymphomagenesis. Journal of Clinical Investigation, 2013, 123, 5009-5022.	3.9	215
41	SLP-76 is required for high-affinity IgE receptor- and IL-3 receptor-mediated activation of basophils. International Immunology, 2012, 24, 719-727.	1.8	4
42	A Novel Mechanism for the Autonomous Termination of Pre-B Cell Receptor Expression via Induction of Lysosome-Associated Protein Transmembrane 5. Molecular and Cellular Biology, 2012, 32, 4462-4471.	1.1	15
43	E2A and CBP/p300 Act in Synergy To Promote Chromatin Accessibility of the Immunoglobulin Îº Locus. Journal of Immunology, 2012, 188, 5547-5560.	0.4	32
44	Syk-dependent signaling pathways in neutrophils and macrophages are indispensable in the pathogenesis of anti-collagen antibody-induced arthritis. International Immunology, 2012, 24, 539-550.	1.8	45
45	Identification of CMTM7 as a Transmembrane Linker of BLNK and the B-Cell Receptor. PLoS ONE, 2012, 7, e31829.	1.1	27
46	In-vitro derived germinal centre B cells differentially generate memory B or plasma cells in vivo. Nature Communications, 2011, 2, 465.	5.8	247
47	Increased concentration of high-mobility group box 1 protein in milk is related to the severity of bovine mastitis. Veterinary Research Communications, 2011, 35, 47-54.	0.6	3
48	Tolerance Induction of IgG+ Memory B Cells by T Cell-Independent Type II Antigens. Journal of Immunology, 2011, 186, 5620-5628.	0.4	17
49	HS1 has a central role in the trafficking and homing of leukemic B cells. Blood, 2010, 116, 3537-3546.	0.6	89
50	NSC114792, a novel small molecule identified through structure-based computational database screening, selectively inhibits JAK3. Molecular Cancer, 2010, 9, 36.	7.9	16
51	BLNK Binds Active H-Ras to Promote B Cell Receptor-mediated Capping and ERK Activation. Journal of Biological Chemistry, 2009, 284, 9804-9813.	1.6	23
52	Possible contribution of DNase Î³ to immunoglobulin V gene diversification. Immunology Letters, 2009, 125, 22-30.	1.1	5
53	DNase Î³-dependent and -independent apoptotic DNA fragmentations in Ramos Burkitt's lymphoma cell line. Biomedical Research, 2009, 30, 165-170.	0.3	7
54	BLNK suppresses preâ€“B-cell leukemogenesis through inhibition of JAK3. Blood, 2009, 113, 1483-1492.	0.6	112

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55	Hematopoeitic lineage cell-specific protein-1 (HS1) regulates PAR-mediated ERK activation and thromboxane generation in platelets. Platelets, 2008, 19, 614-623.	1.1	6
56	Tyrosine Kinases Btk and Tec Regulate Osteoclast Differentiation by Linking RANK and ITAM Signals. Cell, 2008, 132, 794-806.	13.5	297
57	Distinct regulatory functions of SLP-76 and MIST in NK cell cytotoxicity and IFN-Â production. International Immunology, 2008, 20, 345-352.	1.8	17
58	PKCÎ· directs induction of IRF-4 expression and Ig Îº gene rearrangement in pre-BCR signaling pathway. International Immunology, 2008, 20, 1417-1426.	1.8	11
59	Self-nonself Recognition through B-Cell Antigen Receptor. , 2008, , 99-132.		0
60	Chicken cathelicidin-B1, an antimicrobial guardian at the mucosal M cell gateway. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15063-15068.	3.3	103
61	Hematopoietic lineage cellâ€“specific protein 1 (HS1) is a functionally important signaling molecule in platelet activation. Blood, 2007, 110, 2449-2456.	0.6	25
62	Action of apoptotic endonuclease DNase Î³ on naked DNA and chromatin substrates. Biochemical and Biophysical Research Communications, 2006, 345, 560-567.	1.0	27
63	Dual function for the adaptor MIST in IFN-Î³ production by NK and CD4+NKT cells regulated by the Src kinase Fgr. Blood, 2006, 107, 3647-3655.	0.6	14
64	BASH-novel PKC-Raf-1 pathway of pre-BCR signaling induces Îº gene rearrangement. Blood, 2006, 108, 2703-2711.	0.6	15
65	Double knockout mice show BASH and PKCÎ´ have different epistatic relationships in B cell maturation and CD40-mediated activation. Immunology Letters, 2006, 105, 48-54.	1.1	1
66	A novel avian homologue of CD72, chB1r, down modulates BCR-mediated activation signals. International Immunology, 2006, 18, 775-783.	1.8	6
67	The BASH/BLNK/SLP-65-associated protein BNAS1 regulates antigen-receptor signal transmission in B cells. International Immunology, 2006, 18, 545-553.	1.8	2
68	FcÎµRI-mediated mast cell degranulation requires calcium-independent microtubule-dependent translocation of granules to the plasma membrane. Journal of Cell Biology, 2005, 170, 115-126.	2.3	281
69	Guanine is indispensable for immunoglobulin switch region RNAâ€“DNA hybrid formation. Microscopy (Oxford, England), 2005, 54, 403-408.	0.7	14
70	Involvement of DNase Î³ in the resected double-strand DNA breaks in immunoglobulin genes. Biochemical and Biophysical Research Communications, 2005, 327, 76-83.	1.0	11
71	Identification and Characterization of a Novel BASH N Terminus-associated Protein, BNAS2. Journal of Biological Chemistry, 2004, 279, 26425-26432.	1.6	24
72	Impaired Receptor Editing in the Primary B Cell Repertoire of BASH-Deficient Mice. Journal of Immunology, 2004, 173, 5980-5988.	0.4	26

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73	BASH-deficient mice: limited primary repertoire and antibody formation, but sufficient affinity maturation and memory B cell generation, in anti-NP response. International Immunology, 2004, 16, 1161-1171.	1.8	12
74	Transcriptional regulation of SLP-76 family hematopoietic cell adaptor MIST/Clnk by STAT5. Biochemical and Biophysical Research Communications, 2004, 321, 145-153.	1.0	2
75	Regulation of Vav Localization in Membrane Rafts by Adaptor Molecules Grb2 and BLNK. Immunity, 2003, 18, 777-787.	6.6	59
76	Distinct Signaling Requirements for DÎ¼ Selection, IgH Allelic Exclusion, Pre-B Cell Transition, and Tumor Suppression in B Cell Progenitors. Immunity, 2003, 18, 825-836.	6.6	75
77	Induction of Protective Immunity by Primed Bâ€1 Cells in Toxoplasma gondiiâ€Infected B Cellâ€Deficient Mice. Microbiology and Immunology, 2003, 47, 997-1003.	0.7	19
78	Molecular Visualization of Immunoglobulin Switch Region RNA/DNA Complex by Atomic Force Microscope. Journal of Biological Chemistry, 2003, 278, 4431-4434.	1.6	40
79	Atomic force microscopy analysis of rolling circle amplification of plasmid DNA. Archives of Histology and Cytology, 2003, 66, 175-181.	0.2	12
80	RAG2 Is Down-regulated by Cytoplasmic Sequestration and Ubiquitin-dependent Degradation. Journal of Biological Chemistry, 2002, 277, 41423-41427.	1.6	38
81	SMAD1 signaling is critical for initial commitment of germ cell lineage from mouse epiblast. Mechanisms of Development, 2002, 118, 99-109.	1.7	144
82	Notch Signaling Suppresses IgH Gene Expression in Chicken B Cells: Implication in Spatially Restricted Expression of Serrate2/Notch1 in the Bursa of Fabricius. Journal of Immunology, 2001, 166, 3277-3283.	0.4	35
83	A Pivotal Role for DNase I-Sensitive Regions 3b and/or 4 in the Induction of Somatic Hypermutation of IgH Genes. Journal of Immunology, 2001, 167, 811-820.	0.4	35
84	B Cell Adaptor Containing Src Homology 2 Domain (Bash) Links B Cell Receptor Signaling to the Activation of Hematopoietic Progenitor Kinase 1. Journal of Experimental Medicine, 2001, 194, 529-540.	4.2	61
85	Genomic Structure and Transcriptional Regulation of the Early B Cell GenechB1. Journal of Immunology, 2001, 167, 1454-1460.	0.4	7
86	MIST Functions through Distinct Domains in Immunoreceptor Signaling in the Presence and Absence of LAT. Journal of Biological Chemistry, 2001, 276, 36043-36050.	1.6	15
87	BLNK is associated with the CD72 / SHP-1 / Grb2 complex in the WEHI231 cell line after membrane IgM cross-linking. European Journal of Immunology, 2000, 30, 1326-1330.	1.6	39
88	A BASH/SLP-76-related adaptor protein MIST/Clnk involved in IgE receptor-mediated mast cell degranulation. International Immunology, 2000, 12, 573-580.	1.8	46
89	Cell Cycle Arrest and Apoptosis Induced by Notch1 in B Cells. Journal of Biological Chemistry, 2000, 275, 36523-36531.	1.6	126
90	Establishment of an embryonic stem (ES) cell line derived from a non-obese diabetic (NOD) mouse: in vivo differentiation into lymphocytes and potential for germ line transmission. FEBS Letters, 1999, 455, 101-104.	1.3	36

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91	Deficiency in Protein l-Isoaspartyl Methyltransferase Results in a Fatal Progressive Epilepsy. Journal of Neuroscience, 1998, 18, 2063-2074.	1.7	135
92	Role of Tyrosine Phosphorylation of HS1 in B Cell Antigen Receptor-mediated Apoptosis. Journal of Experimental Medicine, 1997, 185, 1387-1392.	4.2	104
93	Characteristics of the Mouse Genomic Histamine H1 Receptor Gene. Genomics, 1996, 36, 178-181.	1.3	32
94	Immunity to viruses in B cell-deficient mice: Influence of antibodies on virus persistence and on T cell memory. European Journal of Immunology, 1996, 26, 2257-2262.	1.6	97
95	Targeted disruption of Âμ chain membrane exon causes loss of heavy-chain allelic exclusion. Nature, 1992, 356, 154-156.	13.7	356
96	A B cell-deficient mouse by targeted disruption of the membrane exon of the immunoglobulin Î¼ chain gene. Nature, 1991, 350, 423-426.	13.7	1,741