

# Victor L J Tybulewicz

## List of Publications by Year in descending order

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158  
papers

18,369  
citations

14655

66  
h-index

12946

131  
g-index

174  
all docs

174  
docs citations

174  
times ranked

20769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse models of aneuploidy to understand chromosome disorders. <i>Mammalian Genome</i> , 2022, 33, 157-168.	2.2	14
2	Eosinophils are an essential element of a type 2 immune axis that controls thymus regeneration. <i>Science Immunology</i> , 2022, 7, eabn3286.	11.9	15
3	Recycling of memory B cells between germinal center and lymph node subcapsular sinus supports affinity maturation to antigenic drift. <i>Nature Communications</i> , 2022, 13, 2460.	12.8	16
4	Genetic Mapping of APP and Amyloid- $\beta$ Biology Modulation by Trisomy 21. <i>Journal of Neuroscience</i> , 2022, 42, 6453-6468.	3.6	6
5	Genetic dissection of down syndrome-associated alterations in APP/amyloid- $\beta$ biology using mouse models. <i>Scientific Reports</i> , 2021, 11, 5736.	3.3	10
6	A landmark-free morphometrics pipeline for high-resolution phenotyping: application to a mouse model of Down syndrome. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	26
7	Maternal iron deficiency perturbs embryonic cardiovascular development in mice. <i>Nature Communications</i> , 2021, 12, 3447.	12.8	17
8	Chloride sensing by WNK1 regulates NLRP3 inflammasome activation and pyroptosis. <i>Nature Communications</i> , 2021, 12, 4546.	12.8	42
9	Comprehensive phenotypic analysis of the Dp1Tyb mouse strain reveals a broad range of Down syndrome-related phenotypes. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	17
10	Critical requirement for BCR, BAFF, and BAFFR in memory B cell survival. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	31
11	Species-specific pace of development is associated with differences in protein stability. <i>Science</i> , 2020, 369, .	12.6	163
12	Substantially thinner internal granular layer and reduced molecular layer surface in the cerebellar cortex of the Tc1 mouse model of down syndrome – a comprehensive morphometric analysis with active staining contrast-enhanced MRI. <i>NeuroImage</i> , 2020, 223, 117271.	4.2	7
13	Interaction of sexual dimorphism and gene dosage imbalance in skeletal deficits associated with Down syndrome. <i>Bone</i> , 2020, 136, 115367.	2.9	19
14	Altered Hippocampal-Prefrontal Neural Dynamics in Mouse Models of Down Syndrome. <i>Cell Reports</i> , 2020, 30, 1152-1163.e4.	6.4	32
15	Critical role of WNK1 in MYC-dependent early mouse thymocyte development. <i>ELife</i> , 2020, 9, .	6.0	7
16	Gene expression dysregulation domains are not a specific feature of Down syndrome. <i>Nature Communications</i> , 2019, 10, 2489.	12.8	19
17	Downregulated Wnt/ $\beta$ -catenin signalling in the Down syndrome hippocampus. <i>Scientific Reports</i> , 2019, 9, 7322.	3.3	20
18	Association of Dementia With Mortality Among Adults With Down Syndrome Older Than 35 Years. <i>JAMA Neurology</i> , 2019, 76, 152.	9.0	110

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19	Trisomy of human chromosome 21 enhances amyloid- $\beta^2$ deposition independently of an extra copy of <i>APP</i> . <i>Brain</i> , 2018, 141, 2457-2474.	7.6	96
20	Analysis of motor dysfunction in Down Syndrome reveals motor neuron degeneration. <i>PLoS Genetics</i> , 2018, 14, e1007383.	3.5	29
21	Plasmodium-specific atypical memory B cells are short-lived activated B cells. <i>ELife</i> , 2018, 7, .	6.0	66
22	TLR4 signals in B lymphocytes are transduced via the B cell antigen receptor and SYK. <i>Journal of Experimental Medicine</i> , 2017, 214, 1269-1280.	8.5	95
23	Rodent models in Down syndrome research: impact and future opportunities. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1165-1186.	2.4	149
24	Aging rather than aneuploidy affects monoamine neurotransmitters in brain regions of Down syndrome mouse models. <i>Neurobiology of Disease</i> , 2017, 105, 235-244.	4.4	14
25	The importance of understanding individual differences in Down syndrome. <i>F1000Research</i> , 2016, 5, 389.	1.6	151
26	Genetic dissection of Down syndrome-associated congenital heart defects using a new mouse mapping panel. <i>ELife</i> , 2016, 5, .	6.0	77
27	A Syntenic Cross Species Aneuploidy Genetic Screen Links RCAN1 Expression to $\beta^2$ -Cell Mitochondrial Dysfunction in Type 2 Diabetes. <i>PLoS Genetics</i> , 2016, 12, e1006033.	3.5	39
28	Long noncoding RNAs in B-cell development and activation. <i>Blood</i> , 2016, 128, e10-e19.	1.4	115
29	WNK1 kinase balances T cell adhesion versus migration in vivo. <i>Nature Immunology</i> , 2016, 17, 1075-1083.	14.5	54
30	Tc1 mouse model of trisomy-21 dissociates properties of short- and long-term recognition memory. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 118-128.	1.9	18
31	Fully-Automated $\beta^2$ MRI Morphometric Phenotyping of the Tc1 Mouse Model of Down Syndrome. <i>PLoS ONE</i> , 2016, 11, e0162974.	2.5	19
32	Evidence for evolutionary divergence of activity-dependent gene expression in developing neurons. <i>ELife</i> , 2016, 5, .	6.0	42
33	BAFF activation of the ERK5 MAP kinase pathway regulates B cell survival. <i>Journal of Experimental Medicine</i> , 2015, 212, 883-892.	8.5	28
34	A genetic cause of Alzheimer disease: mechanistic insights from Down syndrome. <i>Nature Reviews Neuroscience</i> , 2015, 16, 564-574.	10.2	404
35	Hippocampal circuit dysfunction in the Tc1 mouse model of Down syndrome. <i>Nature Neuroscience</i> , 2015, 18, 1291-1298.	14.8	32
36	Syk Tyrosine Kinase Is Critical for B Cell Antibody Responses and Memory B Cell Survival. <i>Journal of Immunology</i> , 2015, 194, 4650-4656.	0.8	50

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37	Rapid CD4 <sup>+</sup> T cell responses to bacterial flagellin require dendritic cell expression of Syk and CARD9. <i>European Journal of Immunology</i> , 2015, 45, 513-524.	2.9	25
38	Grey Matter Sublayer Thickness Estimation in the Mouse Cerebellum. <i>Lecture Notes in Computer Science</i> , 2015, , 644-651.	1.3	0
39	Automatic Structural Parcellation of Mouse Brain MRI Using Multi-Atlas Label Fusion. <i>PLoS ONE</i> , 2014, 9, e86576.	2.5	60
40	IKK-induced NF- $\kappa$ B1 p105 proteolysis is critical for B cell antibody responses to T cell-dependent antigen. <i>Journal of Experimental Medicine</i> , 2014, 211, 2085-2101.	8.5	28
41	A Key Regulatory Role for Vav1 in Controlling Lipopolysaccharide Endotoxemia via Macrophage-Derived IL-6. <i>Journal of Immunology</i> , 2014, 192, 2830-2836.	0.8	22
42	Themis2 Is Not Required for B Cell Development, Activation, and Antibody Responses. <i>Journal of Immunology</i> , 2014, 193, 700-707.	0.8	12
43	Phosphorylation of the adaptor ASC acts as a molecular switch that controls the formation of speck-like aggregates and inflammasome activity. <i>Nature Immunology</i> , 2013, 14, 1247-1255.	14.5	305
44	The BAFF Receptor Transduces Survival Signals by Co-opting the B Cell Receptor Signaling Pathway. <i>Immunity</i> , 2013, 38, 475-488.	14.3	186
45	Protein profiles in Tc1 mice implicate novel pathway perturbations in the Down syndrome brain. <i>Human Molecular Genetics</i> , 2013, 22, 1709-1724.	2.9	43
46	Massively Parallel Sequencing Reveals the Complex Structure of an Irradiated Human Chromosome on a Mouse Background in the Tc1 Model of Down Syndrome. <i>PLoS ONE</i> , 2013, 8, e60482.	2.5	93
47	Alterations to Dendritic Spine Morphology, but Not Dendrite Patterning, of Cortical Projection Neurons in Tc1 and Ts1Rhr Mouse Models of Down Syndrome. <i>PLoS ONE</i> , 2013, 8, e78561.	2.5	39
48	Rac1-Dependent Cell Cycle Exit of MGE Precursors and GABAergic Interneuron Migration to the Cortex. <i>Cerebral Cortex</i> , 2012, 22, 680-692.	2.9	49
49	Overexpression of the <i>Hspa13</i> ( <i>Stch</i> ) gene reduces prion disease incubation time in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13722-13727.	7.1	21
50	CLEC-2 and Syk in the megakaryocytic/platelet lineage are essential for development. <i>Blood</i> , 2012, 119, 1747-1756.	1.4	132
51	Altered regulation of tau phosphorylation in a mouse model of down syndrome aging. <i>Neurobiology of Aging</i> , 2012, 33, 828.e31-828.e44.	3.1	54
52	Vav1 GEF activity is required for T cell mediated allograft rejection. <i>Transplant Immunology</i> , 2012, 26, 212-219.	1.2	7
53	Mouse Models of Aneuploidy. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	2.1	14
54	Genomically humanized mice: technologies and promises. <i>Nature Reviews Genetics</i> , 2012, 13, 14-20.	16.3	80

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55	Mechanism and function of Vav1 localization in TCR signaling. <i>Journal of Cell Science</i> , 2012, 125, 5302-14.	2.0	26
56	Structural correlates of active-staining following magnetic resonance microscopy in the mouse brain. <i>NeuroImage</i> , 2011, 56, 974-983.	4.2	28
57	Restoration of Pattern Recognition Receptor Costimulation to Treat Chromoblastomycosis, a Chronic Fungal Infection of the Skin. <i>Cell Host and Microbe</i> , 2011, 9, 436-443.	11.0	146
58	The telomeric part of the human chromosome 21 from Cstb to Prmt2 is not necessary for the locomotor and short-term memory deficits observed in the Tc1 mouse model of Down syndrome. <i>Behavioural Brain Research</i> , 2011, 217, 271-281.	2.2	34
59	Itk Controls the Spatiotemporal Organization of T Cell Activation. <i>Science Signaling</i> , 2011, 4, ra66.	3.6	48
60	Down syndrome: searching for the genetic culprits. <i>DMM Disease Models and Mechanisms</i> , 2011, 4, 586-595.	2.4	106
61	Perturbed hematopoiesis in the Tc1 mouse model of Down syndrome. <i>Blood</i> , 2010, 115, 2928-2937.	1.4	64
62	Critical roles for Rac GTPases in T-cell migration to and within lymph nodes. <i>Blood</i> , 2010, 116, 5536-5547.	1.4	85
63	PtdIns3P and Rac direct the assembly of the NADPH oxidase on a novel, pre-phagosomal compartment during FcR-mediated phagocytosis in primary mouse neutrophils. <i>Blood</i> , 2010, 116, 4978-4989.	1.4	55
64	Generation of a panel of antibodies against proteins encoded on human chromosome 21. <i>Journal of Negative Results in BioMedicine</i> , 2010, 9, 7.	1.4	0
65	Tumour angiogenesis is reduced in the Tc1 mouse model of Down syndrome. <i>Nature</i> , 2010, 465, 813-817.	27.8	122
66	The SYK tyrosine kinase: a crucial player in diverse biological functions. <i>Nature Reviews Immunology</i> , 2010, 10, 387-402.	22.7	1,100
67	Endothelial-Rac1 Is Not Required for Tumor Angiogenesis unless $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> -Integrin Is Absent. <i>PLoS ONE</i> , 2010, 5, e9766.	2.5	22
68	A novel Rac-dependent checkpoint in B cell development controls entry into the splenic white pulp and cell survival. <i>Journal of Experimental Medicine</i> , 2010, 207, 837-853.	8.5	55
69	Down syndrome and the molecular pathogenesis resulting from trisomy of human chromosome 21. <i>Journal of Biomedical Research</i> , 2010, 24, 87-99.	1.6	9
70	Quantitative Proteomics Characterization of a Mouse Embryonic Stem Cell Model of Down Syndrome. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 585-595.	3.8	25
71	Essential role of Rac1 and Rac3 GTPases in neuronal development. <i>FASEB Journal</i> , 2009, 23, 1347-1357.	0.5	83
72	Down syndrome--recent progress and future prospects. <i>Human Molecular Genetics</i> , 2009, 18, R75-R83.	2.9	199

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73	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. <i>Journal of Experimental Medicine</i> , 2009, 206, 2037-2051.	8.5	411
74	New approaches for modelling sporadic genetic disease in the mouse. <i>DMM Disease Models and Mechanisms</i> , 2009, 2, 446-453.	2.4	16
75	Impairments in motor coordination without major changes in cerebellar plasticity in the Tc1 mouse model of Down syndrome. <i>Human Molecular Genetics</i> , 2009, 18, 1449-1463.	2.9	80
76	Regulation of lymphatic-blood vessel separation by endothelial Rac1. <i>Development (Cambridge)</i> , 2009, 136, 4043-4053.	2.5	40
77	Syk kinase signalling couples to the Nlrp3 inflammasome for anti-fungal host defence. <i>Nature</i> , 2009, 459, 433-436.	27.8	799
78	Proteolysis of NF- $\kappa$ B1 p105 is essential for T cell antigen receptor-induced proliferation. <i>Nature Immunology</i> , 2009, 10, 38-47.	14.5	59
79	Lymphocyte signaling: beyond knockouts. <i>Nature Immunology</i> , 2009, 10, 361-364.	14.5	15
80	Rho family GTPases and their regulators in lymphocytes. <i>Nature Reviews Immunology</i> , 2009, 9, 630-644.	22.7	243
81	Function of the Nucleotide Exchange Activity of Vav1 in T Cell Development and Activation. <i>Science Signaling</i> , 2009, 2, ra83.	3.6	68
82	Rac GTPases play critical roles in early T-cell development. <i>Blood</i> , 2009, 113, 3990-3998.	1.4	64
83	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. <i>Journal of Cell Biology</i> , 2009, 186, i9-i9.	5.2	0
84	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008, 38, 500-506.	2.9	328
85	Redundant role for Zap70 in B cell development and activation. <i>European Journal of Immunology</i> , 2008, 38, 1721-1733.	2.9	20
86	DYRK1A-Dosage Imbalance Perturbs NRSF/REST Levels, Deregulating Pluripotency and Embryonic Stem Cell Fate in Down Syndrome. <i>American Journal of Human Genetics</i> , 2008, 83, 388-400.	6.2	139
87	Crucial structural role for the PH and C1 domains of the Vav1 exchange factor. <i>EMBO Reports</i> , 2008, 9, 655-661.	4.5	67
88	CD19 is essential for B cell activation by promoting B cell receptor-antigen microcluster formation in response to membrane-bound ligand. <i>Nature Immunology</i> , 2008, 9, 63-72.	14.5	310
89	Activation of the Small GTPase Rac2 via the B Cell Receptor Regulates B Cell Adhesion and Immunological-Synapse Formation. <i>Immunity</i> , 2008, 28, 88-99.	14.3	148
90	Species-Specific Transcription in Mice Carrying Human Chromosome 21. <i>Science</i> , 2008, 322, 434-438.	12.6	260

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91	Preservation of long-term memory and synaptic plasticity despite short-term impairments in the Tc1 mouse model of Down syndrome. <i>Learning and Memory</i> , 2008, 15, 492-500.	1.3	94
92	Characterization of the Roles of Rac1 and Rac2 GTPases in Lymphocyte Development. <i>Methods in Enzymology</i> , 2008, 439, 235-254.	1.0	3
93	Regulatory T Cells Inhibit Dendritic Cells by Lymphocyte Activation Gene-3 Engagement of MHC Class II. <i>Journal of Immunology</i> , 2008, 180, 5916-5926.	0.8	412
94	Analysis of mouse LMIR5/CLM-7 as an activating receptor: differential regulation of LMIR5/CLM-7 in mouse versus human cells. <i>Blood</i> , 2008, 111, 688-698.	1.4	44
95	A Myeloproliferative Disorder in the Tc1 Mouse Model of Down Syndrome. <i>Blood</i> , 2008, 112, 2790-2790.	1.4	1
96	Functional Analysis of Activating Receptor LMIR4 as a Counterpart of Inhibitory Receptor LMIR3. <i>Journal of Biological Chemistry</i> , 2007, 282, 17997-18008.	3.4	52
97	GPVI Potentiation of Platelet Activation by Thrombin and Adhesion Molecules Independent of Src Kinases and Syk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 422-429.	2.4	30
98	Cutting Edge: Rac GTPases Sensitize Activated T Cells to Die via Fas. <i>Journal of Immunology</i> , 2007, 179, 6384-6388.	0.8	38
99	Î²1 integrin activates Rac1 in Schwann cells to generate radial lamellae during axonal sorting and myelination. <i>Journal of Cell Biology</i> , 2007, 177, 1063-1075.	5.2	163
100	Syk, c-Src, the Î±vÎ²3 integrin, and ITAM immunoreceptors, in concert, regulate osteoclastic bone resorption. <i>Journal of Cell Biology</i> , 2007, 176, 877-888.	5.2	263
101	Requirement for Rac1 in a K-rasâ€“Induced Lung Cancer in the Mouse. <i>Cancer Research</i> , 2007, 67, 8089-8094.	0.9	148
102	An additional human chromosome 21 causes suppression of neural fate of pluripotent mouse embryonic stem cells in a teratoma model. <i>BMC Developmental Biology</i> , 2007, 7, 131.	2.1	17
103	Syk- and CARD9-dependent coupling of innate immunity to the induction of T helper cells that produce interleukin 17. <i>Nature Immunology</i> , 2007, 8, 630-638.	14.5	1,070
104	Syk-Mediated Translocation of PI3KÎ´ to the Leading Edge Controls Lamellipodium Formation and Migration of Leukocytes. <i>PLoS ONE</i> , 2007, 2, e1132.	2.5	44
105	An Unexpected Role for IL-3 in the Embryonic Development of Hematopoietic Stem Cells. <i>Developmental Cell</i> , 2006, 11, 171-180.	7.0	133
106	Syk and Slp-76 Mutant Mice Reveal a Cell-Autonomous Hematopoietic Cell Contribution to Vascular Development. <i>Developmental Cell</i> , 2006, 11, 349-361.	7.0	115
107	A novel Syk-dependent mechanism of platelet activation by the C-type lectin receptor CLEC-2. <i>Blood</i> , 2006, 107, 542-549.	1.4	466
108	ABIN-2 is required for optimal activation of Erk MAP kinase in innate immune responses. <i>Nature Immunology</i> , 2006, 7, 606-615.	14.5	84

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109	New techniques to understand chromosome dosage: mouse models of aneuploidy. <i>Human Molecular Genetics</i> , 2006, 15, R103-R109.	2.9	15
110	Rapid and large amount of autocrine IL-3 production is responsible for mast cell survival by IgE in the absence of antigen. <i>Blood</i> , 2005, 105, 2059-2065.	1.4	66
111	Vav-family proteins in T-cell signalling. <i>Current Opinion in Immunology</i> , 2005, 17, 267-274.	5.5	308
112	Distinct Roles for the Linker Region Tyrosines of Syk in FcγRI Signaling in Primary Mast Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 4510-4517.	3.4	51
113	Rac1 Is Essential for Platelet Lamellipodia Formation and Aggregate Stability under Flow. <i>Journal of Biological Chemistry</i> , 2005, 280, 39474-39484.	3.4	196
114	Vav1 and Vav2 play different roles in macrophage migration and cytoskeletal organization. <i>Experimental Cell Research</i> , 2005, 310, 303-310.	2.6	40
115	Lineage-Specific Requirement for the PH Domain of Vav1 in the Activation of CD4+ but Not CD8+ T Cells. <i>Immunity</i> , 2005, 23, 263-274.	14.3	27
116	An Aneuploid Mouse Strain Carrying Human Chromosome 21 with Down Syndrome Phenotypes. <i>Science</i> , 2005, 309, 2033-2037.	12.6	390
117	Vav1 Transduces T Cell Receptor Signals to the Activation of the Ras/ERK Pathway via LAT, Sos, and RasGRP1. <i>Journal of Biological Chemistry</i> , 2004, 279, 18239-18246.	3.4	82
118	Rac1-deficient macrophages exhibit defects in cell spreading and membrane ruffling but not migration. <i>Journal of Cell Science</i> , 2004, 117, 1259-1268.	2.0	162
119	Requirement of Rac1 and Rac2 Expression by Mature Dendritic Cells for T Cell Priming. <i>Science</i> , 2004, 305, 1150-1153.	12.6	210
120	ERM proteins regulate cytoskeleton relaxation promoting T cell-APC conjugation. <i>Nature Immunology</i> , 2004, 5, 272-279.	14.5	245
121	The tyrosine kinase Syk is required for light chain isotype exclusion but dispensable for the negative selection of B cells. <i>European Journal of Immunology</i> , 2004, 34, 1102-1110.	2.9	19
122	Commentary: New insights into the complexity of phosphatidylinositol lipid signaling in B lymphocytes. <i>European Journal of Immunology</i> , 2004, 34, 2964-2967.	2.9	4
123	Dectin-1 uses novel mechanisms for yeast phagocytosis in macrophages. <i>Blood</i> , 2004, 104, 4038-4045.	1.4	408
124	Vav1 transduces TCR signals required for LFA-1 function and cell polarization at the immunological synapse. <i>European Journal of Immunology</i> , 2003, 33, 790-797.	2.9	98
125	Vav1: a key signal transducer downstream of the TCR. <i>Immunological Reviews</i> , 2003, 192, 42-52.	6.0	101
126	NKG2D triggers cytotoxicity in mouse NK cells lacking DAP12 or Syk family kinases. <i>Nature Immunology</i> , 2003, 4, 565-572.	14.5	166



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127	Critical Roles for Rac1 and Rac2 GTPases in B Cell Development and Signaling. <i>Science</i> , 2003, 302, 459-462.	12.6	248
128	Unexpected Requirement for ZAP-70 in Pre-B Cell Development and Allelic Exclusion. <i>Immunity</i> , 2003, 18, 523-533.	14.3	131
129	A Critical Role for Syk Protein Tyrosine Kinase in Fc Receptor-Mediated Antigen Presentation and Induction of Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2003, 170, 846-852.	0.8	123
130	Regulation of Blood and Lymphatic Vascular Separation by Signaling Proteins SLP-76 and Syk. <i>Science</i> , 2003, 299, 247-251.	12.6	404
131	Vav1 Transduces T Cell Receptor Signals to the Activation of Phospholipase C- $\beta$ 1 via Phosphoinositide 3-Kinase-dependent and -independent Pathways. <i>Journal of Experimental Medicine</i> , 2002, 195, 1103-1114.	8.5	199
132	Vav1, but not Vav2, contributes to platelet aggregation by CRP and thrombin, but neither is required for regulation of phospholipase C. <i>Blood</i> , 2002, 100, 3561-3569.	1.4	48
133	Inefficient clustering of tyrosine-phosphorylated proteins at the immunological synapse in response to an antagonist peptide. <i>European Journal of Immunology</i> , 2002, 32, 3386-3394.	2.9	6
134	Chemokines and the immunological synapse. <i>Immunology</i> , 2002, 106, 287-288.	4.4	9
135	Natural cytotoxicity uncoupled from the Syk and ZAP-70 intracellular kinases. <i>Nature Immunology</i> , 2002, 3, 288-294.	14.5	105
136	Inefficient clustering of tyrosine-phosphorylated proteins at the immunological synapse in response to an antagonist peptide. <i>European Journal of Immunology</i> , 2002, 32, 3386-3394.	2.9	2
137	Syk expression in endothelial cells and their morphologic defects in embryonic Syk-deficient mice. <i>Blood</i> , 2001, 98, 2869-2871.	1.4	60
138	Vav1 Regulates Phospholipase C $\beta$ 3 Activation and Calcium Responses in Mast Cells. <i>Molecular and Cellular Biology</i> , 2001, 21, 3763-3774.	2.3	145
139	Functional Dichotomy in Natural Killer Cell Signaling. <i>Journal of Experimental Medicine</i> , 2001, 193, 1413-1424.	8.5	75
140	Control of pre-T cell proliferation and differentiation by the GTPase Rac-1. <i>Nature Immunology</i> , 2000, 1, 348-352.	14.5	83
141	Early Growth Response (Egr)-1 Gene Induction in the Thymus in Response to TCR Ligation During Early Steps in Positive Selection Is Not Required for CD8 Lineage Commitment. <i>Journal of Immunology</i> , 2000, 165, 2444-2450.	0.8	22
142	A New Look at Syk in $\beta$ 2 and $\beta$ 1 T Cell Development Using Chimeric Mice with a Low Competitive Hematopoietic Environment. <i>Journal of Immunology</i> , 2000, 164, 5140-5145.	0.8	22
143	Interaction of Linker for Activation of T Cells with Multiple Adapter Proteins in Platelets Activated by the Glycoprotein VI-selective Ligand, Convulxin. <i>Journal of Biological Chemistry</i> , 2000, 275, 33427-33434.	3.4	86
144	Syk-deficient eosinophils show normal interleukin-5-mediated differentiation, maturation, and survival but no longer respond to Fc $\gamma$ R activation. <i>Blood</i> , 2000, 96, 2506-2510.	1.4	15

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145	Syk-deficient eosinophils show normal interleukin-5-mediated differentiation, maturation, and survival but no longer respond to Fc $\gamma$ 3R activation. <i>Blood</i> , 2000, 96, 2506-2510.	1.4	0
146	Defective immunoglobulin class switching in Vav-deficient mice is attributable to compromised T cell help. <i>European Journal of Immunology</i> , 1999, 29, 477-487.	2.9	48
147	Greatly reduced efficiency of both positive and negative selection of thymocytes in CD45 tyrosine phosphatase-deficient mice. <i>European Journal of Immunology</i> , 1999, 29, 2923-2933.	2.9	67
148	LAT Is Required for Tyrosine Phosphorylation of Phospholipase C $\beta$ 2 and Platelet Activation by the Collagen Receptor GPVI. <i>Molecular and Cellular Biology</i> , 1999, 19, 8326-8334.	2.3	176
149	Greatly reduced efficiency of both positive and negative selection of thymocytes in CD45 tyrosine phosphatase-deficient mice. <i>European Journal of Immunology</i> , 1999, 29, 2923-2933.	2.9	2
150	Collagen Mediates Changes in Intracellular Calcium in Primary Mouse Megakaryocytes Through syk-Dependent and -Independent Pathways. <i>Blood</i> , 1999, 93, 3847-3855.	1.4	21
151	Collagen Mediates Changes in Intracellular Calcium in Primary Mouse Megakaryocytes Through syk-Dependent and -Independent Pathways. <i>Blood</i> , 1999, 93, 3847-3855.	1.4	0
152	Molecular requirements for lineage commitment in the thymus - antibody-mediated receptor engagements reveal a central role for lck in lineage decisions. <i>Immunological Reviews</i> , 1998, 165, 181-194.	6.0	28
153	A Critical Role for Syk in Signal Transduction and Phagocytosis Mediated by Fc $\gamma$ 3 Receptors on Macrophages. <i>Journal of Experimental Medicine</i> , 1997, 186, 1027-1039.	8.5	471
154	Tumorigenesis and a DNA repair defect in mice with a truncating Brca2 mutation. <i>Nature Genetics</i> , 1997, 17, 423-430.	21.4	395
155	Defective antigen receptor-mediated proliferation of B and T cells in the absence of Vav. <i>Nature</i> , 1995, 374, 467-470.	27.8	399
156	Perinatal lethality and blocked B-cell development in mice lacking the tyrosine kinase Syk. <i>Nature</i> , 1995, 378, 298-302.	27.8	706
157	Sexist ads. <i>Nature</i> , 1986, 321, 106-106.	27.8	1
158	Genes for bacterial and mitochondrial ATP synthase. <i>Biochemical Society Transactions</i> , 1984, 12, 234-235.	3.4	2