Bernard Malissen

List of Publications by Citations

393 papers	34,390 citations	94 h-index	173 g-index
441 ext. papers	38,901 ext. citations	12.4 avg, IF	6.8 L-index

#	Paper	IF	Citations
393	Fate mapping reveals origins and dynamics of monocytes and tissue macrophages under homeostasis. *Immunity*, **2013**, 38, 79-91	32.3	1804
392	Ablation of "tolerance" and induction of diabetes by virus infection in viral antigen transgenic mice. *Cell*, **1991**, 65, 305-17	56.2	1078
391	Dynamics and function of Langerhans cells in vivo: dermal dendritic cells colonize lymph node areas distinct from slower migrating Langerhans cells. *Immunity*, **2005**, 22, 643-54	32.3	769
390	Alveolar macrophages develop from fetal monocytes that differentiate into long-lived cells in the first week of life via GM-CSF. *Journal of Experimental Medicine*, **2013**, 210, 1977-92	16.6	698
389	Constant replenishment from circulating monocytes maintains the macrophage pool in the intestine of adult mice. *Nature Immunology*, **2014**, 15, 929-937	19.1	659
388	Conventional and monocyte-derived CD11b(+) dendritic cells initiate and maintain T helper 2 cell-mediated immunity to house dust mite allergen. *Immunity*, **2013**, 38, 322-35	32.3	614
387	Pax7-expressing satellite cells are indispensable for adult skeletal muscle regeneration. *Development (Cambridge)*, **2011**, 138, 3647-56	6.6	580
386	Resident and pro-inflammatory macrophages in the colon represent alternative context-dependent fates of the same Ly6Chi monocyte precursors. *Mucosal Immunology*, **2013**, 6, 498-510	9.2	550
385	Two gut intraepithelial CD8+ lymphocyte populations with different T cell receptors: a role for the gut epithelium in T cell differentiation. *Journal of Experimental Medicine*, **1991**, 173, 471-81	16.6	530
384	Origins and functional specialization of macrophages and of conventional and monocyte-derived dendritic cells in mouse skin. *Immunity*, **2013**, 39, 925-38	32.3	506
383	Down-regulation of T cell receptors on self-reactive T cells as a novel mechanism for extrathymic tolerance induction. *Cell*, **1991**, 65, 293-304	56.2	480
382	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. *Immunity* , **2016**, 45, 669-684	32.3	474
381	Heterogeneity of natural Foxp3+ T cells: a committed regulatory T-cell lineage and an uncommitted minor population retaining plasticity. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 1903-8	11.5	426
380	Genes of the major histocompatibility complex of the mouse. *Annual Review of Immunology*, **1983**, 1, 529-68	34.7	423
379	The T cell receptor/CD3 complex is composed of at least two autonomous transduction modules. *Cell*, **1992**, 68, 83-95	56.2	411
378	Identification of a novel population of Langerin+ dendritic cells. *Journal of Experimental Medicine*, **2007**, 204, 3147-56	16.6	409
377	Selective generation of gut tropic T cells in gut-associated lymphoid tissue (GALT): requirement for GALT dendritic cells and adjuvant. *Journal of Experimental Medicine*, **2003**, 198, 963-9	16.6	404

376	CD64 distinguishes macrophages from dendritic cells in the gut and reveals the Th1-inducing role of mesenteric lymph node macrophages during colitis. *European Journal of Immunology*, **2012**, 42, 3150-66	6.1	352
375	Blood-derived dermal langerin+ dendritic cells survey the skin in the steady state. *Journal of Experimental Medicine*, **2007**, 204, 3133-46	16.6	350
374	The dermis contains langerin+ dendritic cells that develop and function independently of epidermal Langerhans cells. *Journal of Experimental Medicine*, **2007**, 204, 3119-31	16.6	332
373	CD207+ CD103+ dermal dendritic cells cross-present keratinocyte-derived antigens irrespective of the presence of Langerhans cells. *Journal of Experimental Medicine*, **2010**, 207, 189-206	16.6	323
372	Skin-resident murine dendritic cell subsets promote distinct and opposing antigen-specific T helper cell responses. *Immunity*, **2011**, 35, 260-72	32.3	318
371	Two distinct interstitial macrophage populations coexist across tissues in specific subtissular niches. *Science*, **2019**, 363,	33.3	312
370	The chemokine TECK is expressed by thymic and intestinal epithelial cells and attracts double- and single-positive thymocytes expressing the TECK receptor CCR9. *European Journal of Immunology*, **2000**, 30, 262-71	6.1	306
369	The origins and functions of dendritic cells and macrophages in the skin. *Nature Reviews Immunology*, **2014**, 14, 417-28	36.5	304
368	Progressive replacement of embryo-derived cardiac macrophages with age. *Journal of Experimental Medicine*, **2014**, 211, 2151-8	16.6	299
367	Altered T cell development in mice with a targeted mutation of the CD3-epsilon gene.. *EMBO Journal*, **1995**, 14, 4641-4653	13	299
366	Langerhans cell (LC) proliferation mediates neonatal development, homeostasis, and inflammation-associated expansion of the epidermal LC network. *Journal of Experimental Medicine*, **2009**, 206, 3089-100	16.6	279
365	Mice lacking the CCR9 CC-chemokine receptor show a mild impairment of early T- and B-cell development and a reduction in T-cell receptor gammadelta(+) gut intraepithelial lymphocytes. *Blood*, **2001**, 98, 2626-32	2.2	267
364	The T helper type 2 response to cysteine proteases requires dendritic cell-basophil cooperation via ROS-mediated signaling. *Nature Immunology*, **2010**, 11, 608-17	19.1	260
363	Skin-draining lymph nodes contain dermis-derived CD103(-) dendritic cells that constitutively produce retinoic acid and induce Foxp3(+) regulatory T cells. *Blood*, **2010**, 115, 1958-68	2.2	257
362	Regulation of TCR alpha and beta gene allelic exclusion during T-cell development. *Trends in Immunology*, **1992**, 13, 315-22		256
361	Induction of T helper type 2 immunity by a point mutation in the LAT adaptor. *Science*, **2002**, 296, 2036-40	33.3	225
360	Dendritic cell maturation: functional specialization through signaling specificity and transcriptional programming. *EMBO Journal*, **2014**, 33, 1104-16	13	221
359	New nomenclature for the Reth motif (or ARH1/TAM/ARAM/YXXL). *Trends in Immunology*, **1995**, 16, 110		220

358	Exon/intron organization and complete nucleotide sequence of an HLA gene. *Proceedings of the National Academy of Sciences of the United States of America*, **1982**, 79, 893-7	11.5	217
357	CDR3 loop flexibility contributes to the degeneracy of TCR recognition. *Nature Immunology*, **2003**, 4, 241-7	19.1	214
356	Reconstitution of MHC class I specificity by transfer of the T cell receptor and Lyt-2 genes. *Cell*, **1987**, 50, 545-54	56.2	213
355	CD8 modulation of T-cell antigen receptor-ligand interactions on living cytotoxic T lymphocytes. *Nature*, **1995**, 373, 353-6	50.4	202
354	CD64 expression distinguishes monocyte-derived and conventional dendritic cells and reveals their distinct role during intramuscular immunization. *Journal of Immunology*, **2012**, 188, 1751-60	5.3	195
353	Specialized role of migratory dendritic cells in peripheral tolerance induction. *Journal of Clinical Investigation*, **2013**, 123, 844-54	15.9	192
352	A T cell receptor CDR3beta loop undergoes conformational changes of unprecedented magnitude upon binding to a peptide/MHC class I complex. *Immunity*, **2002**, 16, 345-54	32.3	187
351	CCR9 is a homing receptor for plasmacytoid dendritic cells to the small intestine. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 6347-52	11.5	185
350	Crystal structure of a T cell receptor bound to an allogeneic MHC molecule. *Nature Immunology*, **2000**, 1, 291-7	19.1	185
349	TCR/CD3 coupling to Fas-based cytotoxicity. *Journal of Experimental Medicine*, **1995**, 181, 781-6	16.6	182
348	Chemokine receptor CCR9 contributes to the localization of plasma cells to the small intestine. *Journal of Experimental Medicine*, **2004**, 199, 411-6	16.6	180
347	Human cytotoxic T cell structures associated with expression of cytolysis. I. Analysis at the clonal cell level of the cytolysis-inhibiting effect of 7 monoclonal antibodies. *European Journal of Immunology*, **1982**, 12, 739-47	6.1	179
346	CD8beta endows CD8 with efficient coreceptor function by coupling T cell receptor/CD3 to raft-associated CD8/p56(lck) complexes. *Journal of Experimental Medicine*, **2001**, 194, 1485-95	16.6	178
345	A T cell clone expresses two T cell receptor alpha genes but uses one alpha beta heterodimer for allorecognition and self MHC-restricted antigen recognition. *Cell*, **1988**, 55, 49-59	56.2	175
344	Plasmacytoid dendritic cells are crucial for the initiation of inflammation and T cell immunity in vivo. *Immunity*, **2011**, 35, 958-71	32.3	174
343	Idiotope-specific T cell clones that recognize syngeneic immunoglobulin fragments in the context of class II molecules. *European Journal of Immunology*, **1986**, 16, 1373-8	6.1	172
342	Recipient nonhematopoietic antigen-presenting cells are sufficient to induce lethal acute graft-versus-host disease. *Nature Medicine*, **2011**, 18, 135-42	50.5	170
341	Characterization of T cell repertoire changes in acute Kawasaki disease. *Journal of Experimental Medicine*, **1993**, 177, 791-6	16.6	170

340	T cell development in mice lacking the CD3-zeta/eta gene.. *EMBO Journal*, **1993**, 12, 4347-4355	13	168
339	Structural and genetic analyses of HLA class I molecules using monoclonal xenoantibodies. *Tissue Antigens*, **1983**, 22, 107-17		166
338	Derivation of a T cell hybridoma variant deprived of functional T cell receptor alpha and beta chain transcripts reveals a nonfunctional alpha-mRNA of BW5147 origin. *European Journal of Immunology*, **1989**, 19, 2269-74	6.1	164
337	Enhancement of adaptive immunity by the human vaccine adjuvant AS01 depends on activated dendritic cells. *Journal of Immunology*, **2014**, 193, 1920-30	5.3	163
336	Neutrophil depletion impairs natural killer cell maturation, function, and homeostasis. *Journal of Experimental Medicine*, **2012**, 209, 565-80	16.6	161
335	Tuning of natural killer cell reactivity by NKp46 and Helios calibrates T cell responses. *Science*, **2012**, 335, 344-8	33.3	159
334	Skin dendritic cell targeting via microneedle arrays laden with antigen-encapsulated poly-D,L-lactide-co-glycolide nanoparticles induces efficient antitumor and antiviral immune responses. *ACS Nano*, **2013**, 7, 2042-55	16.7	158
333	Cutting edge: expression of XCR1 defines mouse lymphoid-tissue resident and migratory dendritic cells of the CD8⊞ type. *Journal of Immunology*, **2011**, 187, 4411-5	5.3	149
332	Essential role of CD8 palmitoylation in CD8 coreceptor function. *Journal of Immunology*, **2000**, 165, 2068-76	5.3	149
331	Visualization of the earliest steps of gammadelta T cell development in the adult thymus. *Nature Immunology*, **2006**, 7, 995-1003	19.1	146
330	Tyrosine-phosphorylated T cell receptor zeta chain associates with the actin cytoskeleton upon activation of mature T lymphocytes. *Immunity*, **1995**, 3, 623-33	32.3	146
329	Comparative genomics as a tool to reveal functional equivalences between human and mouse dendritic cell subsets. *Immunological Reviews*, **2010**, 234, 177-98	11.3	144
328	Direct evidence for chromosomal inversion during T-cell receptor beta-gene rearrangements. *Nature*, **1986**, 319, 28-33	50.4	141
327	Th2 lymphoproliferative disorder of LatY136F mutant mice unfolds independently of TCR-MHC engagement and is insensitive to the action of Foxp3+ regulatory T cells. *Journal of Immunology*, **2008**, 180, 1565-75	5.3	137
326	Identification of mouse langerin/CD207 in Langerhans cells and some dendritic cells of lymphoid tissues. *Journal of Immunology*, **2002**, 168, 782-92	5.3	136
325	Gene transfer of H-2 class II genes: antigen presentation by mouse fibroblast and hamster B-cell lines. *Cell*, **1984**, 36, 319-27	56.2	130
324	Foxp3+ T cells induce perforin-dependent dendritic cell death in tumor-draining lymph nodes. *Immunity*, **2010**, 32, 266-78	32.3	128
323	Altered T cell development in mice with a targeted mutation of the CD3-epsilon gene. *EMBO Journal*, **1995**, 14, 4641-53	13	127

322	Langerhans cells protect from allergic contact dermatitis in mice by tolerizing CD8(+) T cells and activating Foxp3(+) regulatory T cells. *Journal of Clinical Investigation*, **2012**, 122, 1700-11	15.9	125
321	TP53INP1s and homeodomain-interacting protein kinase-2 (HIPK2) are partners in regulating p53 activity. *Journal of Biological Chemistry*, **2003**, 278, 37722-9	5.4	117
320	Distinct mechanisms of extrathymic T cell tolerance due to differential expression of self antigen. *International Immunology*, **1992**, 4, 581-90	4.9	117
319	Alloantigen-specific de novo-induced Foxp3+ Treg revert in vivo and do not protect from experimental GVHD. *European Journal of Immunology*, **2009**, 39, 3091-6	6.1	112
318	Negative regulation of mast cell signaling and function by the adaptor LAB/NTAL. *Journal of Experimental Medicine*, **2004**, 200, 1001-13	16.6	111
317	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. *Immunity*, **2018**, 49, 312-325.e5	32.3	110
316	IL-23 from Langerhans cells is required for the development of imiquimod-induced psoriasis-like dermatitis by induction of IL-17A-producing □T cells. *Journal of Investigative Dermatology*, **2014**, 134, 1912-1921	4.3	109
315	Regulation and function of the E-cadherin/catenin complex in cells of the monocyte-macrophage lineage and DCs. *Blood*, **2012**, 119, 1623-33	2.2	108
314	Distinct HLA-DR epitopes and distinct families of HLA-Dr molecules defined by 15 monoclonal antibodies (mAb) either anti-DR or allo-anti-Iak cross-reacting with human DR molecule. I. Cross-inhibition studies of mAb cell surface fixation and differential binding of mAb to detergent-solubilized HLA molecules immobilized to a solid phase by a first mAb. *European Journal*	6.1	108
313	From skin dendritic cells to a simplified classification of human and mouse dendritic cell subsets. *European Journal of Immunology*, **2010**, 40, 2089-94	6.1	107
312	Expression and function of transplantation antigens with altered or deleted cytoplasmic domains. *Cell*, **1983**, 34, 535-44	56.2	107
311	Dynamic migration of □ntraepithelial lymphocytes requires occludin. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 7097-102	11.5	106
310	Analysis of the expression and function of class-II major histocompatibility complex-encoded molecules by DNA-mediated gene transfer. *Annual Review of Immunology*, **1986**, 4, 281-315	34.7	106
309	Different use of T cell receptor transducing modules in two populations of gut intraepithelial lymphocytes are related to distinct pathways of T cell differentiation. *Journal of Experimental Medicine*, **1994**, 180, 673-9	16.6	104
308	Expression of specific cytolytic activity by H-2I region-restricted, influenza virus-specific T lymphocyte clones. *Journal of Experimental Medicine*, **1985**, 162, 171-87	16.6	104
307	CD8 expression allows T cell signaling by monomeric peptide-MHC complexes. *Immunity*, **1998**, 9, 467-73	32.3	102
306	What do TCR-pMHC crystal structures teach us about MHC restriction and alloreactivity?. *Trends in Immunology*, **2003**, 24, 429-37	14.4	102
305	Innate and adaptive immunity: specificities and signaling hierarchies revisited. *Nature Immunology*, **2005**, 6, 17-21	19.1	102

304	Multicolor fate mapping of Langerhans cell homeostasis. *Journal of Experimental Medicine*, **2013**, 210, 1657-64	16.6	98
303	Langerin expressing cells promote skin immune responses under defined conditions. *Journal of Immunology*, **2008**, 180, 4722-7	5.3	98
302	LAT regulates gammadelta T cell homeostasis and differentiation. *Nature Immunology*, **2003**, 4, 999-1008	19.1	97
301	Disruption of the langerin/CD207 gene abolishes Birbeck granules without a marked loss of Langerhans cell function. *Molecular and Cellular Biology*, **2005**, 25, 88-99	4.8	95
300	Non-deletional mechanisms of peripheral and central tolerance: studies with transgenic mice with tissue-specific expression of a foreign MHC class I antigen. *Immunological Reviews*, **1991**, 122, 47-67	11.3	95
299	Langerhans cells--revisiting the paradigm using genetically engineered mice. *Trends in Immunology*, **2006**, 27, 132-9	14.4	94
298	Broad and Largely Concordant Molecular Changes Characterize Tolerogenic and Immunogenic Dendritic Cell Maturation in Thymus and Periphery. *Immunity*, **2016**, 45, 305-18	32.3	93
297	Quantitative proteomics analysis of signalosome dynamics in primary T cells identifies the surface receptor CD6 as a Lat adaptor-independent TCR signaling hub. *Nature Immunology*, **2014**, 15, 384-392	19.1	92
296	Loss of the LAT adaptor converts antigen-responsive T cells into pathogenic effectors that function independently of the T cell receptor. *Immunity*, **2009**, 31, 197-208	32.3	92
295	H-2-restricted cytolytic T lymphocytes specific for HLA display T cell receptors of limited diversity. *Journal of Experimental Medicine*, **1992**, 176, 439-47	16.6	92
294	The (YXXL/I)2 signalling motif found in the cytoplasmic segments of the bovine leukaemia virus envelope protein and Epstein-Barr virus latent membrane protein 2A can elicit early and late lymphocyte activation events.. *EMBO Journal*, **1993**, 12, 5105-5112	13	88
293	Expansion of peripheral naturally occurring T regulatory cells by Fms-like tyrosine kinase 3 ligand treatment. *Blood*, **2009**, 113, 6277-87	2.2	87
292	Thymus-specific serine protease regulates positive selection of a subset of CD4+ thymocytes. *European Journal of Immunology*, **2009**, 39, 956-64	6.1	87
291	The three-dimensional structure of a T-cell antigen receptor V alpha V beta heterodimer reveals a novel arrangement of the V beta domain. *EMBO Journal*, **1997**, 16, 4205-16	13	87
290	Role of beta7 integrin and the chemokine/chemokine receptor pair CCL25/CCR9 in modeled TNF-dependent Crohnß disease. *Gastroenterology*, **2008**, 134, 2025-35	13.3	87
289	Transmembrane signalling through the T-cell-receptor-CD3 complex. *Current Opinion in Immunology* , **1993**, 5, 324-33	7.8	87
288	CD38 is associated with lipid rafts and upon receptor stimulation leads to Akt/protein kinase B and Erk activation in the absence of the CD3-zeta immune receptor tyrosine-based activation motifs. *Journal of Biological Chemistry*, **2002**, 277, 13-22	5.4	86
287	Natural and engineered disorders of lymphocyte development. *Science*, **1998**, 280, 237-43	33.3	86

286	CD93 is required for maintenance of antibody secretion and persistence of plasma cells in the bone marrow niche. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 3895-900	11.5	85
285	Crippling of CD3-zeta ITAMs does not impair T cell receptor signaling. *Immunity*, **1999**, 10, 409-20	32.3	84
284	Early T cell activation: integrating biochemical, structural, and biophysical cues. *Annual Review of Immunology*, **2015**, 33, 539-61	34.7	83
283	Disentangling the complexity of the skin dendritic cell network. *Immunology and Cell Biology*, **2010**, 88, 366-75	5	83
282	Priming of CD8+ and CD4+ T cells in experimental leishmaniasis is initiated by different dendritic cell subtypes. *Journal of Immunology*, **2009**, 182, 774-83	5.3	83
281	The 21- and 23-kD forms of TCR zeta are generated by specific ITAM phosphorylations. *Nature Immunology*, **2000**, 1, 322-8	19.1	83
280	Tumor immunotherapy by epicutaneous immunization requires langerhans cells. *Journal of Immunology*, **2008**, 180, 1991-8	5.3	81
279	Tissue-specific differentiation of colonic macrophages requires TGF receptor-mediated signaling. *Mucosal Immunology*, **2017**, 10, 1387-1399	9.2	79
278	Rapid Sequestration of Leishmania mexicana by Neutrophils Contributes to the Development of Chronic Lesion. *PLoS Pathogens*, **2015**, 11, e1004929	7.6	78
277	Pathogenic bacteria and dead cells are internalized by a unique subset of Peyer's patch dendritic cells that express lysozyme. *Gastroenterology*, **2010**, 138, 173-84.e1-3	13.3	78
276	The proline-rich sequence of CD3epsilon controls T cell antigen receptor expression on and signaling potency in preselection CD4+CD8+ thymocytes. *Nature Immunology*, **2008**, 9, 522-32	19.1	78
275	How much can a T-cell antigen receptor adapt to structurally distinct antigenic peptides?. *EMBO Journal*, **2007**, 26, 1972-83	13	78
274	Siglec-H is a microglia-specific marker that discriminates microglia from CNS-associated macrophages and CNS-infiltrating monocytes. *Glia*, **2017**, 65, 1927-1943	9	76
273	Mast cells aggravate sepsis by inhibiting peritoneal macrophage phagocytosis. *Journal of Clinical Investigation*, **2014**, 124, 4577-89	15.9	76
272	Dual T cell- and B cell-intrinsic deficiency in humans with biallelic RLTPR mutations. *Journal of Experimental Medicine*, **2016**, 213, 2413-2435	16.6	75
271	Impaired accumulation of antigen-specific CD8 lymphocytes in chemokine CCL25-deficient intestinal epithelium and lamina propria. *Journal of Immunology*, **2007**, 178, 7598-606	5.3	75
270	The lymphoid lineage-specific actin-uncapping protein Rltpr is essential for costimulation via CD28 and the development of regulatory T cells. *Nature Immunology*, **2013**, 14, 858-66	19.1	74
269	Integrated T-cell receptor and costimulatory signals determine TGF-dependent differentiation and maintenance of Foxp3+ regulatory T cells. *European Journal of Immunology*, **2011**, 41, 1242-8	6.1	74

268	Transcutaneous vaccination via laser microporation. *Journal of Controlled Release*, **2012**, 162, 391-9	11.7	73
267	CD8 beta increases CD8 coreceptor function and participation in TCR-ligand binding. *Journal of Experimental Medicine*, **1996**, 184, 2439-44	16.6	73
266	Preferential positive selection of V alpha 2+ CD8+ T cells in mouse strains expressing both H-2k and T cell receptor V alpha a haplotypes: determination with a V alpha 2-specific monoclonal antibody. *European Journal of Immunology*, **1992**, 22, 399-404	6.1	73
265	Vaccine molecules targeting Xcr1 on cross-presenting DCs induce protective CD8+ T-cell responses against influenza virus. *European Journal of Immunology*, **2015**, 45, 624-35	6.1	71
264	Integrative biology of T cell activation. *Nature Immunology*, **2014**, 15, 790-7	19.1	71
263	High TCR diversity ensures optimal function and homeostasis of Foxp3+ regulatory T cells. *European Journal of Immunology*, **2011**, 41, 3101-13	6.1	71
262	Monoclonal antibodies raised against engineered soluble mouse T cell receptors and specific for V alpha 8-, V beta 2- or V beta 10-bearing T cells. *European Journal of Immunology*, **1991**, 21, 3035-40	6.1	71
261	In vivo application of mAb directed against the gammadelta TCR does not deplete but generates "invisible" gammadelta T cells. *European Journal of Immunology*, **2009**, 39, 372-9	6.1	70
260	Colitis and colitis-associated cancer are exacerbated in mice deficient for tumor protein 53-induced nuclear protein 1. *Molecular and Cellular Biology*, **2007**, 27, 2215-28	4.8	70
259	CD3 zeta dependence of the CD2 pathway of activation in T lymphocytes and natural killer cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 1492-6	11.5	70
258	Dissolving microneedle delivery of nanoparticle-encapsulated antigen elicits efficient cross-priming and Th1 immune responses by murine Langerhans cells. *Journal of Investigative Dermatology*, **2015**, 135, 425-434	4.3	69
257	Structural bases for the affinity-driven selection of a public TCR against a dominant human cytomegalovirus epitope. *Journal of Immunology*, **2009**, 183, 430-7	5.3	69
256	Intra- and intercompartmental movement of gammadelta T cells: intestinal intraepithelial and peripheral gammadelta T cells represent exclusive nonoverlapping populations with distinct migration characteristics. *Journal of Immunology*, **2010**, 185, 5160-8	5.3	68
255	Multiplicity and plasticity of natural killer cell signaling pathways. *Blood*, **2006**, 107, 2364-72	2.2	68
254	Functions of TCR and pre-TCR subunits: lessons from gene ablation. *Current Opinion in Immunology*, **1996**, 8, 383-93	7.8	66
253	Involvement of both T cell receptor V alpha and V beta variable region domains and alpha chain junctional region in viral antigen recognition. *European Journal of Immunology*, **1991**, 21, 2195-202	6.1	66
252	Steady state migratory RelB+ langerin+ dermal dendritic cells mediate peripheral induction of antigen-specific CD4+ CD25+ Foxp3+ regulatory T cells. *European Journal of Immunology*, **2011**, 41, 1420-34	6.1	65
251	Germ-line and rearranged Tcrd transcription distinguish bona fide NK cells and NK-like gammadelta T cells. *European Journal of Immunology*, **2007**, 37, 1442-52	6.1	65

250	Compensatory role of Langerhans cells and langerin-positive dermal dendritic cells in the sensitization phase of murine contact hypersensitivity. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 1154-1156.e2	11.5	64
249	An antigenic determinant of human beta 2-microglobulin masked by the association with HLA heavy chains at the cell surface: analysis using monoclonal antibodies. *Journal of Immunology*, **1981**, 127, 1542-8	5.3	64
248	Contrasting roles of macrophages and dendritic cells in controlling initial pulmonary Brucella infection. *European Journal of Immunology*, **2010**, 40, 3458-71	6.1	62
247	Clonal analysis of human T cell activation by the Mycoplasma arthritidis mitogen (MAS). *European Journal of Immunology*, **1988**, 18, 1733-7	6.1	62
246	T Cell Zone Resident Macrophages Silently Dispose of Apoptotic Cells in the Lymph Node. *Immunity* , **2017**, 47, 349-362.e5	32.3	61
245	A THEMIS:SHP1 complex promotes T-cell survival. *EMBO Journal*, **2015**, 34, 393-409	13	61
244	Crucial roles of B7-H1 and B7-DC expressed on mesenteric lymph node dendritic cells in the generation of antigen-specific CD4+Foxp3+ regulatory T cells in the establishment of oral tolerance. *Blood*, **2010**, 116, 2266-76	2.2	61
243	Roles of the C-terminal tyrosine residues of LAT in GPVI-induced platelet activation: insights into the mechanism of PLC gamma 2 activation. *Blood*, **2007**, 110, 2466-74	2.2	61
242	Engineered secreted T-cell receptor alpha beta heterodimers. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 8077-81	11.5	61
241	Unveiling skin macrophage dynamics explains both tattoo persistence and strenuous removal. *Journal of Experimental Medicine*, **2018**, 215, 1115-1133	16.6	60
240	Laser-assisted intradermal delivery of adjuvant-free vaccines targeting XCR1+ dendritic cells induces potent antitumoral responses. *Journal of Immunology*, **2015**, 194, 5895-902	5.3	59
239	Expression of I-Ak class II genes in mouse L cells after DNA-mediated gene transfer. *Nature*, **1983**, 305, 440-3	50.4	59
238	Function of the CD3 subunits of the pre-TCR and TCR complexes during T cell development. *Advances in Immunology*, **1999**, 72, 103-48	5.6	58
237	Differential gene expression in CD3epsilon- and RAG1-deficient thymuses: definition of a set of genes potentially involved in thymocyte maturation. *Immunogenetics*, **1999**, 50, 255-70	3.2	58
236	Ia-transfected L-cell fibroblasts present a lysozyme peptide but not the native protein to lysozyme-specific T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1985**, 82, 5885-9	11.5	58
235	The common cytokine receptor gamma chain controls survival of gamma/delta T cells. *Journal of Experimental Medicine*, **1997**, 186, 1277-85	16.6	56
234	Different patterns of calcium signaling triggered through two components of the B lymphocyte antigen receptor.. *Journal of Biological Chemistry*, **1994**, 269, 6491-6497	5.4	56
233	Dynamics and Transcriptomics of Skin Dendritic Cells and Macrophages in an Imiquimod-Induced, Biphasic Mouse Model of Psoriasis. *Journal of Immunology*, **2015**, 195, 4953-61	5.3	55

232	Expression of genes encoding the pre-TCR and CD3 complex during thymus development. *International Immunology*, **1995**, 7, 1659-64	4.9	55
231	Each of the two productive T cell receptor alpha-gene rearrangements found in both the A10 and BM 3.3 T cell clones give rise to an alpha chain which can contribute to the constitution of a surface-expressed alpha beta dimer. *International Immunology*, **1991**, 3, 719-29	4.9	54
230	Role of L3T4 in antigen-driven activation of a class I-specific T cell hybridoma. *Journal of Experimental Medicine*, **1985**, 162, 369-74	16.6	54
229	An ITAM-Syk-CARD9 signalling axis triggers contact hypersensitivity by stimulating IL-1 production in dendritic cells. *Nature Communications*, **2014**, 5, 3755	17.4	53
228	Different patterns of calcium signaling triggered through two components of the B lymphocyte antigen receptor. *Journal of Biological Chemistry*, **1994**, 269, 6491-7	5.4	53
227	The scaffolding function of the RLTPR protein explains its essential role for CD28 co-stimulation in mouse and human T cells. *Journal of Experimental Medicine*, **2016**, 213, 2437-2457	16.6	52
226	Langerhans cells are critical in the development of atopic dermatitis-like inflammation and symptoms in mice. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 2658-2672	5.6	52
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17	Systems-level conservation of the proximal TCR signaling network of mice and humans.. *Journal of Experimental Medicine*, **2022**, 219,	16.6	1

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16	Single-cell transcriptomics uncovers an instructive T-cell receptor role in adult T-cell lineage commitment.. *EMBO Journal*, **2022**, e110023	13	1
15	The transcription factor EGR2 is indispensable for tissue-specific imprinting of alveolar macrophages in health and tissue repair		1
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