

# Marco Colonna

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/106545/marco-colonna-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

459 papers	60,428 citations	127 h-index	235 g-index
511 ext. papers	72,238 ext. citations	14.6 avg, IF	8.02 L-index

#	Paper	IF	Citations
459	A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. <i>Cell</i> , <b>2017</b> , 169, 1276-1290.e17	56.2	1758
458	Innate lymphoid cells--a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , <b>2013</b> , 13, 145-96.5	36.5	1655
457	Plasmacytoid monocytes migrate to inflamed lymph nodes and produce large amounts of type I interferon. <i>Nature Medicine</i> , <b>1999</b> , 5, 919-23	50.5	1387
456	Plasmacytoid dendritic cells in immunity. <i>Nature Immunology</i> , <b>2004</b> , 5, 1219-26	19.1	1315
455	A human natural killer cell subset provides an innate source of IL-22 for mucosal immunity. <i>Nature</i> , <b>2009</b> , 457, 722-5	50.4	973
454	Essential role of mda-5 in type I IFN responses to polyriboinosinic:polyribocytidylic acid and encephalomyocarditis picornavirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8459-64	11.5	909
453	Cutting edge: inflammatory responses can be triggered by TREM-1, a novel receptor expressed on neutrophils and monocytes. <i>Journal of Immunology</i> , <b>2000</b> , 164, 4991-5	5.3	894
452	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , <b>2006</b> , 440, 233-6	50.4	891
451	TREM-1 amplifies inflammation and is a crucial mediator of septic shock. <i>Nature</i> , <b>2001</b> , 410, 1103-7	50.4	858
450	TREM2 lipid sensing sustains the microglial response in an Alzheimer's disease model. <i>Cell</i> , <b>2015</b> , 160, 1061-71	56.2	847
449	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , <b>2018</b> , 174, 1054-1066	56.2	846
448	Embryonic and adult-derived resident cardiac macrophages are maintained through distinct mechanisms at steady state and during inflammation. <i>Immunity</i> , <b>2014</b> , 40, 91-104	32.3	825
447	A common inhibitory receptor for major histocompatibility complex class I molecules on human lymphoid and myelomonocytic cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1809-18	16.6	773
446	Human T regulatory cells can use the perforin pathway to cause autologous target cell death. <i>Immunity</i> , <b>2004</b> , 21, 589-601	32.3	732
445	Microglia Function in the Central Nervous System During Health and Neurodegeneration. <i>Annual Review of Immunology</i> , <b>2017</b> , 35, 441-468	34.7	730
444	CD56bright natural killer cells are present in human lymph nodes and are activated by T cell-derived IL-2: a potential new link between adaptive and innate immunity. <i>Blood</i> , <b>2003</b> , 101, 3052-7	2.2	664
443	Tolerization of dendritic cells by T(S) cells: the crucial role of inhibitory receptors ILT3 and ILT4. <i>Nature Immunology</i> , <b>2002</b> , 3, 237-43	19.1	660

442	Specialization and complementarity in microbial molecule recognition by human myeloid and plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 3388-93	6.1	657
441	Plasmacytoid dendritic cells activated by influenza virus and CD40L drive a potent TH1 polarization. <i>Nature Immunology</i> , <b>2000</b> , 1, 305-10	19.1	650
440	Intraepithelial type 1 innate lymphoid cells are a unique subset of IL-12- and IL-15-responsive IFN- $\gamma$ -producing cells. <i>Immunity</i> , <b>2013</b> , 38, 769-81	32.3	640
439	The multifaceted biology of plasmacytoid dendritic cells. <i>Nature Reviews Immunology</i> , <b>2015</b> , 15, 471-85	36.5	630
438	IL-34 is a tissue-restricted ligand of CSF1R required for the development of Langerhans cells and microglia. <i>Nature Immunology</i> , <b>2012</b> , 13, 753-60	19.1	618
437	BDCA-2, a novel plasmacytoid dendritic cell-specific type II C-type lectin, mediates antigen capture and is a potent inhibitor of interferon alpha/beta induction. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1823-34	16.6	603
436	TLR9-dependent recognition of MCMV by IPC and DC generates coordinated cytokine responses that activate antiviral NK cell function. <i>Immunity</i> , <b>2004</b> , 21, 107-19	32.3	594
435	Herpes simplex virus type 1 activates murine natural interferon-producing cells through toll-like receptor 9. <i>Blood</i> , <b>2004</b> , 103, 1433-7	2.2	556
434	AHR drives the development of gut ILC22 cells and postnatal lymphoid tissues via pathways dependent on and independent of Notch. <i>Nature Immunology</i> , <b>2011</b> , 13, 144-51	19.1	542
433	Innate lymphoid cells. Innate lymphoid cells: a new paradigm in immunology. <i>Science</i> , <b>2015</b> , 348, aaa6566	33.3	503
432	TREMs in the immune system and beyond. <i>Nature Reviews Immunology</i> , <b>2003</b> , 3, 445-53	36.5	489
431	Dendritic cells require a systemic type I interferon response to mature and induce CD4+ Th1 immunity with poly IC as adjuvant. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1589-602	16.6	471
430	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , <b>2017</b> , 170, 649-663.e13	56.2	441
429	Transcriptional programs define molecular characteristics of innate lymphoid cell classes and subsets. <i>Nature Immunology</i> , <b>2015</b> , 16, 306-17	19.1	439
428	TREM2 mutations implicated in neurodegeneration impair cell surface transport and phagocytosis. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 243ra86	17.5	436
427	Cutting edge: TREM-2 attenuates macrophage activation. <i>Journal of Immunology</i> , <b>2006</b> , 177, 3520-4	5.3	431
426	Human inhibitory receptors Ig-like transcript 2 (ILT2) and ILT4 compete with CD8 for MHC class I binding and bind preferentially to HLA-G. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8856-61	11.5	428
425	The TREM receptor family and signal integration. <i>Nature Immunology</i> , <b>2006</b> , 7, 1266-73	19.1	427

424	Development, differentiation, and diversity of innate lymphoid cells. <i>Immunity</i> , <b>2014</b> , 41, 354-365	32.3	410
423	TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 667-75	16.6	367
422	NK cell and DC interactions. <i>Trends in Immunology</i> , <b>2004</b> , 25, 47-52	14.4	361
421	Disease-Associated Microglia: A Universal Immune Sensor of Neurodegeneration. <i>Cell</i> , <b>2018</b> , 173, 1073-1081	50.1	361
420	A novel inhibitory receptor (ILT3) expressed on monocytes, macrophages, and dendritic cells involved in antigen processing. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 1743-51	16.6	358
419	Bone marrow stromal cell antigen 2 is a specific marker of type I IFN-producing cells in the naive mouse, but a promiscuous cell surface antigen following IFN stimulation. <i>Journal of Immunology</i> , <b>2006</b> , 177, 3260-5	5.3	342
418	NKG2D recruits two distinct adapters to trigger NK cell activation and costimulation. <i>Nature Immunology</i> , <b>2002</b> , 3, 1150-5	19.1	342
417	A DAP12-mediated pathway regulates expression of CC chemokine receptor 7 and maturation of human dendritic cells. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1111-22	16.6	338
416	Gr1(+) inflammatory monocytes are required for mucosal resistance to the pathogen <i>Toxoplasma gondii</i> . <i>Immunity</i> , <b>2008</b> , 29, 306-17	32.3	331
415	Presentation of viral antigen by MHC class I molecules is dependent on a putative peptide transporter heterodimer. <i>Nature</i> , <b>1992</b> , 355, 644-6	50.4	313
414	Unraveling the functions of plasmacytoid dendritic cells during viral infections, autoimmunity, and tolerance. <i>Immunological Reviews</i> , <b>2010</b> , 234, 142-62	11.3	307
413	Expression of the inhibitory receptor ILT3 on dendritic cells is dispensable for induction of CD4 <sup>+</sup> Foxp3 <sup>+</sup> regulatory T cells by 1,25-dihydroxyvitamin D3. <i>Blood</i> , <b>2005</b> , 106, 3490-7	2.2	304
412	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , <b>2016</b> , 90, 724-39	13.9	304
411	induces gut intraepithelial CD4CD8 <sup>+</sup> T cells. <i>Science</i> , <b>2017</b> , 357, 806-810	33.3	300
410	Metabolic Reprogramming Mediated by the mTORC2-IRF4 Signaling Axis Is Essential for Macrophage Alternative Activation. <i>Immunity</i> , <b>2016</b> , 45, 817-830	32.3	297
409	The ILT2(LIR1) and CD94/NKG2A NK cell receptors respectively recognize HLA-G1 and HLA-E molecules co-expressed on target cells. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 277-83	6.1	294
408	Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. <i>Cell</i> , <b>2019</b> , 178, 686-698.e14	56.2	291
407	Plasmacytoid dendritic cell ablation impacts early interferon responses and antiviral NK and CD8(+) T cell accrual. <i>Immunity</i> , <b>2010</b> , 33, 955-66	32.3	287

406	The receptors CD96 and CD226 oppose each other in the regulation of natural killer cell functions. <i>Nature Immunology</i> , <b>2014</b> , 15, 431-8	19.1	285
405	Sequential involvement of Lck and SHP-1 with MHC-recognizing receptors on NK cells inhibits FcR-initiated tyrosine kinase activation. <i>Immunity</i> , <b>1996</b> , 5, 629-38	32.3	277
404	A role for triggering receptor expressed on myeloid cells-1 in host defense during the early-induced and adaptive phases of the immune response. <i>Journal of Immunology</i> , <b>2003</b> , 170, 3812-8	5.3	273
403	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. <i>Nature Immunology</i> , <b>2013</b> , 14, 937-48	19.1	272
402	Expansion of human NK-22 cells with IL-7, IL-2, and IL-1beta reveals intrinsic functional plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 10961-6	11.5	260
401	Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. <i>Nature Medicine</i> , <b>2020</b> , 26, 131-142	50.5	259
400	Cutting edge: CD96 (tactile) promotes NK cell-target cell adhesion by interacting with the poliovirus receptor (CD155). <i>Journal of Immunology</i> , <b>2004</b> , 172, 3994-8	5.3	258
399	Cloning of novel immunoglobulin superfamily receptors expressed on human myeloid and lymphoid cells: structural evidence for new stimulatory and inhibitory pathways. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 660-5	6.1	257
398	TREM2 sustains microglial expansion during aging and response to demyelination. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2161-70	15.9	252
397	Interleukin-22-producing natural killer cells and lymphoid tissue inducer-like cells in mucosal immunity. <i>Immunity</i> , <b>2009</b> , 31, 15-23	32.3	252
396	The microbial mimic poly IC induces durable and protective CD4+ T cell immunity together with a dendritic cell targeted vaccine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2574-9	11.5	247
395	Recruitment of immature plasmacytoid dendritic cells (plasmacytoid monocytes) and myeloid dendritic cells in primary cutaneous melanomas. <i>Journal of Pathology</i> , <b>2003</b> , 200, 255-68	9.4	240
394	DNAM-1 promotes activation of cytotoxic lymphocytes by nonprofessional antigen-presenting cells and tumors. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 2965-73	16.6	234
393	Type I IFN controls chikungunya virus via its action on nonhematopoietic cells. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 429-42	16.6	226
392	A host type I interferon response is induced by cytosolic sensing of the bacterial second messenger cyclic-di-GMP. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1899-911	16.6	222
391	TREM2 variants: new keys to decipher Alzheimer disease pathogenesis. <i>Nature Reviews Neuroscience</i> , <b>2016</b> , 17, 201-7	13.5	220
390	Tetrameric complexes of human histocompatibility leukocyte antigen (HLA)-G bind to peripheral blood myelomonocytic cells. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 1149-56	16.6	219
389	Endoplasmic reticulum stress controls M2 macrophage differentiation and foam cell formation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 11629-41	5.4	208

388	Siglec-H is an IPC-specific receptor that modulates type I IFN secretion through DAP12. <i>Blood</i> , <b>2006</b> , 107, 2474-6	2.2	207
387	TREM-1 (triggering receptor expressed on myeloid cells): a new player in acute inflammatory responses. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 187 Suppl 2, S397-401	7	207
386	Generation of allospecific natural killer cells by stimulation across a polymorphism of HLA-C. <i>Science</i> , <b>1993</b> , 260, 1121-4	33.3	207
385	Virus-induced interferon alpha production by a dendritic cell subset in the absence of feedback signaling in vivo. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, 507-16	16.6	206
384	Altered microglial response to A $\beta$ plaques in APPPS1-21 mice heterozygous for TREM2. <i>Molecular Neurodegeneration</i> , <b>2014</b> , 9, 20	19	203
383	HLA alleles determine differences in human natural killer cell responsiveness and potency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3053-8	11.5	203
382	Interferon-producing cells: on the front line in immune responses against pathogens. <i>Current Opinion in Immunology</i> , <b>2002</b> , 14, 373-9	7.8	203
381	Imiquimod clears tumors in mice independent of adaptive immunity by converting pDCs into tumor-killing effector cells. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 575-85	15.9	199
380	Macrophage colony-stimulating factor induces the proliferation and survival of macrophages via a pathway involving DAP12 and beta-catenin. <i>Nature Immunology</i> , <b>2009</b> , 10, 734-43	19.1	198
379	TREM2 deficiency attenuates neuroinflammation and protects against neurodegeneration in a mouse model of tauopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 11524-11529	11.5	197
378	Activating interactions in human NK cell recognition: the role of 2B4-CD48. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 1676-83	6.1	197
377	Blockade of TREM-2 exacerbates experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 1290-301	6.1	196
376	Expression profiling of constitutive mast cells reveals a unique identity within the immune system. <i>Nature Immunology</i> , <b>2016</b> , 17, 878-87	19.1	195
375	Early, transient depletion of plasmacytoid dendritic cells ameliorates autoimmunity in a lupus model. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1977-91	16.6	194
374	Tyrosine phosphorylation of a human killer inhibitory receptor recruits protein tyrosine phosphatase 1C. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 184, 93-100	16.6	193
373	Efficient colonic mucosal wound repair requires Trem2 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 256-61	11.5	189
372	TREM2 - a key player in microglial biology and Alzheimer disease. <i>Nature Reviews Neurology</i> , <b>2018</b> , 14, 667-675	15	188
371	SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- $\beta$ signaling. <i>Nature Immunology</i> , <b>2017</b> , 18, 995-1003	19.1	182

370	Identification of soluble TREM-2 in the cerebrospinal fluid and its association with multiple sclerosis and CNS inflammation. <i>Brain</i> , <b>2008</b> , 131, 3081-91	11.2	180
369	Impaired differentiation of osteoclasts in TREM-2-deficient individuals. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 645-51	16.6	180
368	Molecular characterization of two novel C-type lectin-like receptors, one of which is selectively expressed in human dendritic cells. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 697-704	6.1	180
367	Organization of the leukocyte receptor cluster (LRC) on human chromosome 19q13.4. <i>Mammalian Genome</i> , <b>1999</b> , 10, 154-60	3.2	179
366	Negative feedback control of neuronal activity by microglia. <i>Nature</i> , <b>2020</b> , 586, 417-423	50.4	179
365	Altered NKG2D function in NK cells induced by chronic exposure to NKG2D ligand-expressing tumor cells. <i>Blood</i> , <b>2005</b> , 106, 1711-7	2.2	175
364	Association between specific adipose tissue CD4+ T-cell populations and insulin resistance in obese individuals. <i>Gastroenterology</i> , <b>2013</b> , 145, 366-74.e1-3	13.3	173
363	Elucidating the Role of TREM2 in Alzheimer's Disease. <i>Neuron</i> , <b>2017</b> , 94, 237-248	13.9	171
362	CD8 T Cells Orchestrate pDC-XCR1 Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , <b>2017</b> , 46, 205-219	32.3	170
361	TREM-2 (triggering receptor expressed on myeloid cells 2) is a phagocytic receptor for bacteria. <i>Journal of Cell Biology</i> , <b>2009</b> , 184, 215-23	7.3	169
360	Innate Lymphoid Cells: Diversity, Plasticity, and Unique Functions in Immunity. <i>Immunity</i> , <b>2018</b> , 48, 1104-1117	31.37	168
359	Plasmacytoid dendritic cells prime IFN-gamma-secreting melanoma-specific CD8 lymphocytes and are found in primary melanoma lesions. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 1052-62	6.1	168
358	Activating and inhibitory functions of DAP12. <i>Nature Reviews Immunology</i> , <b>2007</b> , 7, 155-61	36.5	166
357	MDA-5 recognition of a murine norovirus. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000108	7.6	163
356	Distinct and complementary functions of MDA5 and TLR3 in poly(I:C)-mediated activation of mouse NK cells. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 2967-76	16.6	162
355	Death receptors bind SHP-1 and block cytokine-induced anti-apoptotic signaling in neutrophils. <i>Nature Medicine</i> , <b>2002</b> , 8, 61-7	50.5	158
354	Plasmacytoid dendritic cells--virus experts of innate immunity. <i>Seminars in Immunology</i> , <b>2005</b> , 17, 253-61	10.7	153
353	Transforming Growth Factor- $\beta$ Signaling Guides the Differentiation of Innate Lymphoid Cells in Salivary Glands. <i>Immunity</i> , <b>2016</b> , 44, 1127-39	32.3	153



352	A novel molecular interaction for the adhesion of follicular CD4 T cells to follicular DC. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 695-703	6.1	152
351	Activation of NK cell-mediated cytotoxicity by a SAP-independent receptor of the CD2 family. <i>Journal of Immunology</i> , <b>2001</b> , 167, 5517-21	5.3	150
350	Patients with X-linked lymphoproliferative disease have a defect in 2B4 receptor-mediated NK cell cytotoxicity. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 3309-18	6.1	149
349	Suppression of Metastases Using a New Lymphocyte Checkpoint Target for Cancer Immunotherapy. <i>Cancer Discovery</i> , <b>2016</b> , 6, 446-59	24.4	147
348	OSCAR is a collagen receptor that costimulates osteoclastogenesis in DAP12-deficient humans and mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 3505-16	15.9	147
347	Interferon-producing cells fail to induce proliferation of naive T cells but can promote expansion and T helper 1 differentiation of antigen-experienced unpolarized T cells. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 899-906	16.6	142
346	Unique and redundant functions of NKp46+ ILC3s in models of intestinal inflammation. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1869-82	16.6	140
345	The tumor suppressor TSLC1/NECL-2 triggers NK-cell and CD8+ T-cell responses through the cell-surface receptor CRTAM. <i>Blood</i> , <b>2005</b> , 106, 779-86	2.2	140
344	Signal-regulatory protein alpha (SIRPalpha) but not SIRPbeta is involved in T-cell activation, binds to CD47 with high affinity, and is expressed on immature CD34(+)CD38(-) hematopoietic cells. <i>Blood</i> , <b>2001</b> , 97, 2741-9	2.2	140
343	Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor. <i>Cell</i> , <b>2018</b> , 172, 534-548.e19	56.2	136
342	Development and function of murine B220+CD11c+NK1.1+ cells identify them as a subset of NK cells. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2561-8	16.6	136
341	Use of genetic profiling in leprosy to discriminate clinical forms of the disease. <i>Science</i> , <b>2003</b> , 301, 1527-30.3	39.3	136
340	A novel family of Ig-like receptors for HLA class I molecules that modulate function of lymphoid and myeloid cells. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 66, 375-81	6.5	136
339	TLR pathways and IFN-regulatory factors: to each its own. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 306-9	6.1	135
338	DNAM-1/CD155 interactions promote cytokine and NK cell-mediated suppression of poorly immunogenic melanoma metastases. <i>Journal of Immunology</i> , <b>2010</b> , 184, 902-11	5.3	134
337	The identity and function of microglia in neurodegeneration. <i>Nature Immunology</i> , <b>2018</b> , 19, 1048-1058	19.1	134
336	Murine vascular endothelium activates and induces the generation of allogeneic CD4+25+Foxp3+ regulatory T cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 6265-70	5.3	131
335	IFN-producing cells respond to CXCR3 ligands in the presence of CXCL12 and secrete inflammatory chemokines upon activation. <i>Journal of Immunology</i> , <b>2002</b> , 169, 6079-83	5.3	128



334	Cutting edge: signal-regulatory protein beta 1 is a DAP12-associated activating receptor expressed in myeloid cells. <i>Journal of Immunology</i> , <b>2000</b> , 164, 9-12	5.3	128
333	The Natural Cytotoxicity Receptors in Health and Disease. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 909	8.4	127
332	Cutting edge: expression patterns of surface and soluble triggering receptor expressed on myeloid cells-1 in human endotoxemia. <i>Journal of Immunology</i> , <b>2004</b> , 173, 7131-4	5.3	127
331	Paradoxic inhibition of human natural interferon-producing cells by the activating receptor NKp44. <i>Blood</i> , <b>2005</b> , 106, 2076-82	2.2	127
330	Conformational plasticity revealed by the cocrystal structure of NKG2D and its class I MHC-like ligand ULBP3. <i>Immunity</i> , <b>2001</b> , 15, 1039-49	32.3	127
329	Human histocompatibility leukocyte antigen (HLA)-G molecules inhibit NKAT3 expressing natural killer cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 385-91	16.6	125
328	Cutting edge: Salivary gland NK cells develop independently of Nfil3 in steady-state. <i>Journal of Immunology</i> , <b>2014</b> , 192, 4487-91	5.3	124
327	Type I interferon negatively controls plasmacytoid dendritic cell numbers in vivo. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 2367-74	16.6	124
326	Distribution and signaling of TREM2/DAP12, the receptor system mutated in human polycystic lipomembraneous osteodysplasia with sclerosing leukoencephalopathy dementia. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 2617-28	3.5	121
325	Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 745-760	16.6	120
324	The immune adaptor molecule SARM modulates tumor necrosis factor alpha production and microglia activation in the brainstem and restricts West Nile Virus pathogenesis. <i>Journal of Virology</i> , <b>2009</b> , 83, 9329-38	6.6	118
323	The plasmacytoid monocyte/interferon producing cells. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2003</b> , 443, 703-17	5.1	117
322	ApoE facilitates the microglial response to amyloid plaque pathology. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1047-1058	16.6	115
321	Timing and magnitude of type I interferon responses by distinct sensors impact CD8 T cell exhaustion and chronic viral infection. <i>Cell Host and Microbe</i> , <b>2012</b> , 11, 631-42	23.4	113
320	Inflammatory Flt3l is essential to mobilize dendritic cells and for T cell responses during Plasmodium infection. <i>Nature Medicine</i> , <b>2013</b> , 19, 730-8	50.5	112
319	The role of NK cell recognition of nectin and nectin-like proteins in tumor immunosurveillance. <i>Seminars in Cancer Biology</i> , <b>2006</b> , 16, 359-66	12.7	111
318	Ig-like transcript 2 (ILT2)/leukocyte Ig-like receptor 1 (LIR1) inhibits TCR signaling and actin cytoskeleton reorganization. <i>Journal of Immunology</i> , <b>2001</b> , 166, 2514-21	5.3	111
317	A family of inhibitory and activating Ig-like receptors that modulate function of lymphoid and myeloid cells. <i>Seminars in Immunology</i> , <b>2000</b> , 12, 121-7	10.7	111

316	Runx3 specifies lineage commitment of innate lymphoid cells. <i>Nature Immunology</i> , <b>2015</b> , 16, 1124-33	19.1	110
315	Alzheimer's disease-associated TREM2 variants exhibit either decreased or increased ligand-dependent activation. <i>Alzheimers and Dementia</i> , <b>2017</b> , 13, 381-387	1.2	110
314	TREM2 Acts Downstream of CD33 in Modulating Microglial Pathology in Alzheimer's Disease. <i>Neuron</i> , <b>2019</b> , 103, 820-835.e7	13.9	109
313	A cell-surface molecule selectively expressed on murine natural interferon-producing cells that blocks secretion of interferon-alpha. <i>Blood</i> , <b>2004</b> , 103, 4201-6	2.2	108
312	Macrophages expressing triggering receptor expressed on myeloid cells-1 are underrepresented in the human intestine. <i>Journal of Immunology</i> , <b>2005</b> , 174, 517-24	5.3	108
311	Distinct Gene Regulatory Pathways for Human Innate versus Adaptive Lymphoid Cells. <i>Cell</i> , <b>2016</b> , 165, 1134-1146	56.2	108
310	Specificity and function of immunoglobulin superfamily NK cell inhibitory and stimulatory receptors. <i>Immunological Reviews</i> , <b>1997</b> , 155, 127-33	11.3	107
309	CpG-induced tyrosine phosphorylation occurs via a TLR9-independent mechanism and is required for cytokine secretion. <i>Journal of Cell Biology</i> , <b>2006</b> , 172, 1057-68	7.3	107
308	Association of a syndrome resembling Wegener's granulomatosis with low surface expression of HLA class-I molecules. <i>Lancet, The</i> , <b>1999</b> , 354, 1598-603	40	105
307	Transepithelial migration of neutrophils into the lung requires TREM-1. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 138-49	15.9	103
306	Dendritic cells respond to influenza virus through TLR7- and PKR-independent pathways. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 236-42	6.1	102
305	TREM-2 promotes macrophage survival and lung disease after respiratory viral infection. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 681-97	16.6	101
304	Type I IFN enhances follicular B cell contribution to the T cell-independent antibody response. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 1485-500	16.6	101
303	Phospholipase C-gamma 2 is a critical signaling mediator for murine NK cell activating receptors. <i>Journal of Immunology</i> , <b>2005</b> , 175, 749-54	5.3	101
302	Cytosolic double-stranded RNA activates the NLRP3 inflammasome via MAVS-induced membrane permeabilization and K <sup>+</sup> efflux. <i>Journal of Immunology</i> , <b>2014</b> , 193, 4214-4222	5.3	100
301	Neurodegenerative disease mutations in TREM2 reveal a functional surface and distinct loss-of-function mechanisms. <i>ELife</i> , <b>2016</b> , 5,	8.9	100
300	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , <b>2016</b> , 92, 252-264	13.9	100
299	Differential requirements for Vav proteins in DAP10- and ITAM-mediated NK cell cytotoxicity. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 817-23	16.6	99

298	Melanoma differentiation-associated gene 5 (MDA5) is involved in the innate immune response to Paramyxoviridae infection in vivo. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000734	7.6	98
297	Granulocyte macrophage colony-stimulating factor ameliorates DSS-induced experimental colitis. <i>Inflammatory Bowel Diseases</i> , <b>2008</b> , 14, 88-99	4.5	98
296	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , <b>2019</b> , 570, 528-532	50.4	97
295	Innate Lymphoid Cells in Mucosal Immunity. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 861	8.4	97
294	Plasmacytoid dendritic cells: one-trick ponies or workhorses of the immune system?. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 558-65	36.5	96
293	Adhesive mechanisms governing interferon-producing cell recruitment into lymph nodes. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 687-96	16.6	96
292	TREM2 and Eatenin regulate bone homeostasis by controlling the rate of osteoclastogenesis. <i>Journal of Immunology</i> , <b>2012</b> , 188, 2612-21	5.3	95
291	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. <i>Cell</i> , <b>2020</b> , 182, 886-900.e17	56.2	95
290	Costimulation through NKG2D enhances murine CD8+ CTL function: similarities and differences between NKG2D and CD28 costimulation. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2825-33	5.3	94
289	TREM2 function impedes tau seeding in neuritic plaques. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 1217-1222	25.5	92
288	Isotypic variation of novel immunoglobulin-like transcript/killer cell inhibitory receptor loci in the leukocyte receptor complex. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 3959-67	6.1	92
287	Hidden talents of natural killers: NK cells in innate and adaptive immunity. <i>EMBO Reports</i> , <b>2009</b> , 10, 1103-10	36.1	90
286	Cutting edge: human FcRL4 and FcRL5 are receptors for IgA and IgG. <i>Journal of Immunology</i> , <b>2012</b> , 188, 4741-5	5.3	90
285	The cytotoxicity receptor CRACC (CS-1) recruits EAT-2 and activates the PI3K and phospholipase Cgamma signaling pathways in human NK cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 7996-8002	5.3	89
284	Subsets of ILC3-ILC1-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. <i>Nature Immunology</i> , <b>2019</b> , 20, 980-991	19.1	88
283	IL-10 inhibits CD28 and ICOS costimulations of T cells via src homology 2 domain-containing protein tyrosine phosphatase 1. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 120, 76-83	11.5	88
282	Molecular characterization of a novel human natural killer cell receptor homologous to mouse 2B4. <i>Tissue Antigens</i> , <b>1999</b> , 54, 27-34		88
281	Haplotypic variation of the transporter associated with antigen processing (TAP) genes and their extension of HLA class II region haplotypes. <i>Immunogenetics</i> , <b>1993</b> , 37, 266-73	3.2	87

280	Targeting innate immunity for neurodegenerative disorders of the central nervous system. <i>Journal of Neurochemistry</i> , <b>2016</b> , 138, 653-93	6	87
279	Signaling through human killer cell activating receptors triggers tyrosine phosphorylation of an associated protein complex. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 599-609	6.1	86
278	p110gamma and p110delta phosphoinositide 3-kinase signaling pathways synergize to control development and functions of murine NK cells. <i>Immunity</i> , <b>2007</b> , 27, 214-27	32.3	85
277	Activation of an immunoregulatory and antiviral gene expression program in poly(I:C)-transfected human neutrophils. <i>Journal of Immunology</i> , <b>2008</b> , 181, 6563-73	5.3	84
276	Major histocompatibility complex class I molecules modulate activation threshold and early signaling of T cell antigen receptor-gamma/delta stimulated by nonpeptidic ligands. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1769-74	16.6	83
275	Innate lymphoid cells: new insights into function and development. <i>Current Opinion in Immunology</i> , <b>2015</b> , 32, 71-7	7.8	82
274	Anti-human TREM2 induces microglia proliferation and reduces pathology in an Alzheimer's disease model. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	81
273	IL-34 mediates acute kidney injury and worsens subsequent chronic kidney disease. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 3198-214	15.9	80
272	Triggering receptor expressed on myeloid cells: role in the diagnosis of lung infections. <i>European Respiratory Journal</i> , <b>2004</b> , 24, 247-50	13.6	79
271	Sampling and signaling in plasmacytoid dendritic cells: the potential roles of Siglec-H. <i>Trends in Immunology</i> , <b>2006</b> , 27, 255-60	14.4	78
270	2B4 (CD244) is expressed and functional on human eosinophils. <i>Journal of Immunology</i> , <b>2005</b> , 174, 110-85.3	50.4	78
269	MHC II+ resident peritoneal and pleural macrophages rely on IRF4 for development from circulating monocytes. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1951-9	16.6	77
268	Vav1 controls DAP10-mediated natural cytotoxicity by regulating actin and microtubule dynamics. <i>Journal of Immunology</i> , <b>2006</b> , 177, 2349-55	5.3	77
267	Immune evasion of Plasmodium falciparum by RIFIN via inhibitory receptors. <i>Nature</i> , <b>2017</b> , 552, 101-105	50.4	76
266	DAP12 (KARAP) amplifies inflammation and increases mortality from endotoxemia and septic peritonitis. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 363-9	16.6	76
265	DNAM-1 controls NK cell activation via an ITT-like motif. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 2165-82	16.6	75
264	Innate lymphoid cell function in the context of adaptive immunity. <i>Nature Immunology</i> , <b>2016</b> , 17, 783-9	19.1	75
263	Characterization of DC-SIGN/R interaction with human immunodeficiency virus type 1 gp120 and ICAM molecules favors the receptor's role as an antigen-capturing rather than an adhesion receptor. <i>Journal of Virology</i> , <b>2005</b> , 79, 4589-98	6.6	74

262	The activatory receptor 2B4 is expressed in vivo by human CD8+ effector alpha beta T cells. <i>Journal of Immunology</i> , <b>2001</b> , 167, 6165-70	5.3	74
261	Circadian clock protein Rev-erb $\beta$ regulates neuroinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 5102-5107	11.5	73
260	Aryl hydrocarbon receptor: Linking environment to immunity. <i>Seminars in Immunology</i> , <b>2015</b> , 27, 310-4	10.7	73
259	Type I interferons: diversity of sources, production pathways and effects on immune responses. <i>Current Opinion in Virology</i> , <b>2011</b> , 1, 463-75	7.5	72
258	Adhesion of human T cells to antigen-presenting cells through SIRPbeta2-CD47 interaction costimulates T-cell proliferation. <i>Blood</i> , <b>2005</b> , 105, 2421-7	2.2	72
257	Linkage disequilibrium between TAP2 variants and HLA class II alleles; no primary association between TAP2 variants and insulin-dependent diabetes mellitus. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 1050-6	6.1	72
256	Plasmacytoid dendritic cells contribute to systemic but not local antiviral responses to HSV infections. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003728	7.6	71
255	IL-15 sustains IL-7R-independent ILC2 and ILC3 development. <i>Nature Communications</i> , <b>2017</b> , 8, 14601	17.4	70
254	Inhibitory MHC class I receptors on NK and T cells: a standard nomenclature. <i>Trends in Immunology</i> , <b>1996</b> , 17, 100		70
253	Natural killer cell receptors specific for MHC class I molecules. <i>Current Opinion in Immunology</i> , <b>1996</b> , 8, 101-7	7.8	70
252	Immunosurveillance and therapy of multiple myeloma are CD226 dependent. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2077-89	15.9	69
251	c-Myc-induced transcription factor AP4 is required for host protection mediated by CD8+ T cells. <i>Nature Immunology</i> , <b>2014</b> , 15, 884-93	19.1	69
250	Skull and vertebral bone marrow are myeloid cell reservoirs for the meninges and CNS parenchyma. <i>Science</i> , <b>2021</b> , 373,	33.3	68
249	Spontaneous mutation of the Dock2 gene in Irf5 <sup>-/-</sup> mice complicates interpretation of type I interferon production and antibody responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E898-904	11.5	67
248	Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. <i>Science</i> , <b>2021</b> , 373,	33.3	67
247	Gene Regulatory Programs Conferring Phenotypic Identities to Human NK Cells. <i>Cell</i> , <b>2019</b> , 176, 348-360	56.12	67
246	Monoclonal T-cell expansions in asymptomatic individuals and in patients with large granular leukemia consist of cytotoxic effector T cells expressing the activating CD94: NKG2C/E and NKD2D killer cell receptors. <i>Blood</i> , <b>2003</b> , 101, 3198-204	2.2	66
245	Interleukin-34, a cytokine crucial for the differentiation and maintenance of tissue resident macrophages and Langerhans cells. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 1575-81	6.1	65

244	Cutting edge: polyinosinic:polycytidylic acid boosts the generation of memory CD8 T cells through melanoma differentiation-associated protein 5 expressed in stromal cells. <i>Journal of Immunology</i> , <b>2010</b> , 184, 2751-5	5.3	65
243	B7-H4-deficient mice display augmented neutrophil-mediated innate immunity. <i>Blood</i> , <b>2009</b> , 113, 1759-67	6.2	65
242	Diversity and function of group 1 innate lymphoid cells. <i>Immunology Letters</i> , <b>2016</b> , 179, 19-24	4.1	65
241	2B4: an NK cell activating receptor with unique specificity and signal transduction mechanism. <i>Human Immunology</i> , <b>2000</b> , 61, 39-43	2.3	64
240	New nomenclature for MHC receptors. <i>Nature Immunology</i> , <b>2001</b> , 2, 661	19.1	63
239	Acetate coordinates neutrophil and ILC3 responses against <i>C. difficile</i> through FFAR2. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	63
238	RNA sensor-induced type I IFN prevents diabetes caused by a $\beta$ -cell-tropic virus in mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1497-507	15.9	62
237	Inhibition of Cyclooxygenase-2 Prevents Chronic and Recurrent Cystitis. <i>EBioMedicine</i> , <b>2014</b> , 1, 46-57	8.8	61
236	Structural and biophysical analysis of BST-2/tetherin ectodomains reveals an evolutionary conserved design to inhibit virus release. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 2987-97	5.4	60
235	Plasticity of the systemic inflammatory response to acute infection during critical illness: development of the riboleukogram. <i>PLoS ONE</i> , <b>2008</b> , 3, e1564	3.7	59
234	Impact of TREM2R47H variant on tau pathology-induced gliosis and neurodegeneration. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4954-4968	15.9	59
233	L-Myc expression by dendritic cells is required for optimal T-cell priming. <i>Nature</i> , <b>2014</b> , 507, 243-7	50.4	58
232	Crystal structure of human natural cytotoxicity receptor NKp30 and identification of its ligand binding site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 6223-8	11.5	58
231	Recombinant HLA-G5 and -G6 drive U937 myelomonocytic cell production of TGF-beta1. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 1220-8	6.5	58
230	IL-4 confers NK stimulatory capacity to murine dendritic cells: a signaling pathway involving KARAP/DAP12-triggering receptor expressed on myeloid cell 2 molecules. <i>Journal of Immunology</i> , <b>2004</b> , 172, 5957-66	5.3	58
229	Indoleamine 2,3-Dioxygenase-Expressing Aortic Plasmacytoid Dendritic Cells Protect against Atherosclerosis by Induction of Regulatory T Cells. <i>Cell Metabolism</i> , <b>2016</b> , 23, 852-66	24.6	58
228	The Transcription Factor AP4 Mediates Resolution of Chronic Viral Infection through Amplification of Germinal Center B Cell Responses. <i>Immunity</i> , <b>2016</b> , 45, 570-582	32.3	57
227	Viral sensors: diversity in pathogen recognition. <i>Immunological Reviews</i> , <b>2009</b> , 227, 87-94	11.3	57



226	Crystal structure of the human natural killer (NK) cell activating receptor NKp46 reveals structural relationship to other leukocyte receptor complex immunoreceptors. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 46081-6	5.4	57
225	Comprehensive Profiling of an Aging Immune System Reveals Clonal GZMK CD8 T Cells as Conserved Hallmark of Inflammaging. <i>Immunity</i> , <b>2021</b> , 54, 99-115.e12	32.3	57
224	Alternatively spliced forms of human killer inhibitory receptors. <i>Immunogenetics</i> , <b>1996</b> , 44, 227-30	3.2	56
223	Innate lymphoid cells in homeostasis, infection, chronic inflammation and tumors of the gastrointestinal tract. <i>Current Opinion in Gastroenterology</i> , <b>2013</b> , 29, 581-7	3	55
222	Signal adaptor DAP10 associates with MDL-1 and triggers osteoclastogenesis in cooperation with DAP12. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 4816-21	11.5	54
221	Deficit of CD47 results in a defect of marginal zone dendritic cells, blunted immune response to particulate antigen and impairment of skin dendritic cell migration. <i>Journal of Immunology</i> , <b>2006</b> , 176, 5772-8	5.3	54
220	Dissecting natural killer cell activation pathways through analysis of genetic mutations in human and mouse. <i>Immunological Reviews</i> , <b>2006</b> , 214, 92-105	11.3	54
219	Phenotypic complementation of genetic immunodeficiency by chronic herpesvirus infection. <i>ELife</i> , <b>2015</b> , 4,	8.9	54
218	The Tumor Necrosis Factor Superfamily Member RANKL Suppresses Effector Cytokine Production in Group 3 Innate Lymphoid Cells. <i>Immunity</i> , <b>2018</b> , 48, 1208-1219.e4	32.3	54
217	Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. <i>Nature Medicine</i> , <b>2017</b> , 23, 128-135	50.5	53
216	CCR7 and IRF4-dependent dendritic cells regulate lymphatic collecting vessel permeability. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 1581-91	15.9	53
215	ILC2s are the predominant source of intestinal ILC-derived IL-10. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	53
214	NK cell-activating receptors require PKC-theta for sustained signaling, transcriptional activation, and IFN-gamma secretion. <i>Blood</i> , <b>2008</b> , 112, 4109-16	2.2	52
213	New nomenclature for Fc receptor-like molecules. <i>Nature Immunology</i> , <b>2006</b> , 7, 431-2	19.1	52
212	Crystal structure of the human myeloid cell activating receptor TREM-1. <i>Structure</i> , <b>2003</b> , 11, 1527-35	5.2	52
211	Inhibitory and activating receptors involved in immune surveillance by human NK and myeloid cells. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 66, 718-22	6.5	52
210	The Trem2 R47H Alzheimer's risk variant impairs splicing and reduces Trem2 mRNA and protein in mice but not in humans. <i>Molecular Neurodegeneration</i> , <b>2018</b> , 13, 49	19	52
209	The Inhibitory Receptor NKG2A Sustains Virus-Specific CD8+ T Cells in Response to a Lethal Poxvirus Infection. <i>Immunity</i> , <b>2015</b> , 43, 1112-24	32.3	51



208	Targeting of B and T lymphocyte associated (BTLA) prevents graft-versus-host disease without global immunosuppression. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 2551-9	16.6	50
207	Complement-induced regulatory T cells suppress T-cell responses but allow for dendritic-cell maturation. <i>Blood</i> , <b>2006</b> , 107, 1497-504	2.2	50
206	infection drives conversion of NK cells into ILC1-like cells. <i>ELife</i> , <b>2019</b> , 8,	8.9	50
205	Triggering receptor expressed on myeloid cells 1 (TREM-1)-mediated Bcl-2 induction prolongs macrophage survival. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 15118-29	5.4	49
204	Human natural killer cell receptors and signal transduction. <i>International Reviews of Immunology</i> , <b>2001</b> , 20, 333-70	4.6	49
203	Human natural killer cell inhibitory receptors bind to HLA class I molecules. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 365-9	6.1	49
202	Susceptibility or resistance to lysis by alloreactive natural killer cells is governed by a gene in the human major histocompatibility complex between BF and HLA-B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 9794-7	11.5	49
201	High-affinity interactions and signal transduction between A $\beta$ oligomers and TREM2. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10,	12	49
200	Immune modules shared by innate lymphoid cells and T $\beta$ cells. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 1243-1251	11.5	47
199	Cutting edge: paradoxical roles of BST2/tetherin in promoting type I IFN response and viral infection. <i>Journal of Immunology</i> , <b>2012</b> , 188, 2488-92	5.3	45
198	TAK1 targeting by glucocorticoids determines JNK and I $\kappa$ B regulation in Toll-like receptor-stimulated macrophages. <i>Blood</i> , <b>2010</b> , 115, 1921-31	2.2	44
197	DAP12: a key accessory protein for relaying signals by natural killer cell receptors. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1999</b> , 31, 631-6	5.6	44
196	Identification of the CD85 antigen as ILT2, an inhibitory MHC class I receptor of the immunoglobulin superfamily. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 65, 841-5	6.5	44
195	Circadian rhythm-dependent and circadian rhythm-independent impacts of the molecular clock on type 3 innate lymphoid cells. <i>Science Immunology</i> , <b>2019</b> , 4,	28	43
194	Requirement of phospholipase C-gamma2 (PLCgamma2) for Dectin-1-induced antigen presentation and induction of TH1/TH17 polarization. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 1369-78	6.1	43
193	Melanoma differentiation-associated protein-5 (MDA-5) limits early viral replication but is not essential for the induction of type 1 interferons after Cocksackievirus infection. <i>Virology</i> , <b>2010</b> , 401, 42-8	3.6	43
192	TREM-1-accentuated lung injury via miR-155 is inhibited by LP17 nanomedicine. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2016</b> , 310, L426-38	5.8	43
191	Dendritic cells process and present antigens across a range of maturation states. <i>Journal of Immunology</i> , <b>2003</b> , 170, 5367-72	5.3	42

190	Human inhibitory and activating Ig-like receptors which modulate the function of myeloid cells. <i>Microbes and Infection</i> , <b>2000</b> , 2, 323-9	9.3	42
189	The Intestinal Microbiome Restricts Alphavirus Infection and Dissemination through a Bile Acid-Type I IFN Signaling Axis. <i>Cell</i> , <b>2020</b> , 182, 901-918.e18	56.2	42
188	A mucosal imprint left by prior Escherichia coli bladder infection sensitizes to recurrent disease. <i>Nature Microbiology</i> , <b>2016</b> , 2, 16196	26.6	41
187	Characterization of human DNA sequences synthesized at the onset of S-phase. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 10211-32	20.1	41
186	TREM2 triggers microglial density and age-related neuronal loss. <i>Glia</i> , <b>2019</b> , 67, 539-550	9	41
185	Microglia in Alzheimer's disease: A target for immunotherapy. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 106, 219-227	6.5	40
184	dsRNA sensors and plasmacytoid dendritic cells in host defense and autoimmunity. <i>Immunological Reviews</i> , <b>2011</b> , 243, 74-90	11.3	40
183	Loss of DNAM-1 contributes to CD8+ T-cell exhaustion in chronic HIV-1 infection. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 949-54	6.1	40
182	Impaired mononuclear cell immune function in extreme obesity is corrected by weight loss. <i>Rejuvenation Research</i> , <b>2007</b> , 10, 41-6	2.6	40
181	C-type lectin-like receptors in peptide-specific HLA class I-restricted cytotoxic T lymphocytes: differential expression and modulation of effector functions in clones sharing identical TCR structure and epitope specificity. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 1134-42	6.1	39
180	LILRA2 activation inhibits dendritic cell differentiation and antigen presentation to T cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8128-36	5.3	39
179	Phosphatidylinositol 3-kinase activation is required to form the NKG2D immunological synapse. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 8583-99	4.8	39
178	An unusual Fc receptor-related protein expressed in human centroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 3776-81	11.5	39
177	Natural killer clones recognize specific soluble HLA class I molecules. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 683-9	6.1	39
176	Nonredundant roles of keratinocyte-derived IL-34 and neutrophil-derived CSF1 in Langerhans cell renewal in the steady state and during inflammation. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 552-9	6.1	39
175	TREM2-Dependent Effects on Microglia in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 202	5.3	38
174	ILC3s integrate glycolysis and mitochondrial production of reactive oxygen species to fulfill activation demands. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 2231-2241	16.6	38
173	Peripheral nerve resident macrophages share tissue-specific programming and features of activated microglia. <i>Nature Communications</i> , <b>2020</b> , 11, 2552	17.4	38

172	Triggering receptor expressed on myeloid cells-1 (TREM-1) improves host defence in pneumococcal pneumonia. <i>Journal of Pathology</i> , <b>2014</b> , 233, 357-67	9.4	37
171	OSCAR is a receptor for surfactant protein D that activates TNF- $\alpha$ release from human CCR2+ inflammatory monocytes. <i>Journal of Immunology</i> , <b>2015</b> , 194, 3317-26	5.3	37
170	IL-33/regulatory T cell axis triggers the development of a tumor-promoting immune environment in chronic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 2646-2651	11.5	36
169	Pathways participating in activation of mouse uterine natural killer cells during pregnancy. <i>Biology of Reproduction</i> , <b>2005</b> , 73, 510-8	3.9	36
168	Cell depletion in mice that express diphtheria toxin receptor under the control of SiglecH encompasses more than plasmacytoid dendritic cells. <i>Journal of Immunology</i> , <b>2014</b> , 192, 4409-16	5.3	35
167	NKG2D-independent suppression of T cell proliferation by H60 and MICA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 11805-10	11.5	34
166	Natural killer-type receptors for HLA class I antigens are clonally expressed in lymphoproliferative disorders of natural killer and T-cell type. <i>British Journal of Haematology</i> , <b>2000</b> , 110, 525-36	4.5	34
165	Gut CD4 T cell phenotypes are a continuum molded by microbes, not by T archetypes. <i>Nature Immunology</i> , <b>2021</b> , 22, 216-228	19.1	34
164	The enigmatic function of TREM-2 in osteoclastogenesis. <i>Advances in Experimental Medicine and Biology</i> , <b>2007</b> , 602, 97-105	3.6	34
163	Immunoglobulin-like transcript receptors on human dermal CD14+ dendritic cells act as a CD8-antagonist to control cytotoxic T cell priming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18885-90	11.5	33
162	Leukocyte-associated Ig-like receptor-1-deficient mice have an altered immune cell phenotype. <i>Journal of Immunology</i> , <b>2012</b> , 188, 548-58	5.3	33
161	The structure of DC-SIGNR with a portion of its repeat domain lends insights to modeling of the receptor tetramer. <i>Journal of Molecular Biology</i> , <b>2005</b> , 347, 979-89	6.5	33
160	The triggering receptor expressed on myeloid cells 2 inhibits complement component 1q effector mechanisms and exerts detrimental effects during pneumococcal pneumonia. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004167	7.6	32
159	A high-resolution view of NK-cell receptors: structure and function. <i>Trends in Immunology</i> , <b>2000</b> , 21, 428-31		32
158	Inflammatory monocytes and NK cells play a crucial role in DNAM-1-dependent control of cytomegalovirus infection. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1835-50	16.6	32
157	Expression of CD226 is associated to but not required for NK cell education. <i>Nature Communications</i> , <b>2017</b> , 8, 15627	17.4	31
156	Behavioral and transcriptomic analysis of Trem2-null mice: not all knockout mice are created equal. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 211-223	5.6	31
155	Uncovering the TREM-1-TLR connection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2007</b> , 293, L1374-6	5.8	31

154	FcRL6, a new ITIM-bearing receptor on cytolytic cells, is broadly expressed by lymphocytes following HIV-1 infection. <i>Blood</i> , <b>2007</b> , 109, 3786-93	2.2	31
153	Aminophospholipids are signal-transducing TREM2 ligands on apoptotic cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 7508	4.9	30
152	Regulation of microglial survival and proliferation in health and diseases. <i>Seminars in Immunology</i> , <b>2015</b> , 27, 410-5	10.7	30
151	Critical role of the adhesion receptor DNAX accessory molecule-1 (DNAM-1) in the development of inflammation-driven dermal fibrosis in a mouse model of systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1089-98	2.4	30
150	Human C-type lectin domain family 4, member C (CLEC4C/BDCA-2/CD303) is a receptor for asialo-galactosyl-oligosaccharides. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 35329-35333	5.4	30
149	Melanoma differentiation-associated gene 5 is critical for protection against Theiler's virus-induced demyelinating disease. <i>Journal of Virology</i> , <b>2012</b> , 86, 1531-43	6.6	30
148	Developing the IVIG biomimetic, hexa-Fc, for drug and vaccine applications. <i>Scientific Reports</i> , <b>2015</b> , 5, 9526	4.9	29
147	Triggering receptor expressed on myeloid cells-2 is involved in prion-induced microglial activation but does not contribute to prion pathogenesis in mouse brains. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 1994-2003	5.6	29
146	Capture and transfer of simian immunodeficiency virus by macaque dendritic cells is enhanced by DC-SIGN. <i>Journal of Virology</i> , <b>2002</b> , 76, 11827-36	6.6	29
145	Making sense of the diverse ligand recognition by NKG2D. <i>Journal of Immunology</i> , <b>2002</b> , 169, 6279-85	5.3	29
144	DAP12 signaling: from immune cells to bone modeling and brain myelination. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 313-4	15.9	29
143	Insulin-Like Growth Factors Are Key Regulators of T Helper 17 Regulatory T Cell Balance in Autoimmunity. <i>Immunity</i> , <b>2020</b> , 52, 650-667.e10	32.3	29
142	CRTAM controls residency of gut CD4+CD8+ T cells in the steady state and maintenance of gut CD4+ Th17 during parasitic infection. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 623-33	16.6	28
141	TLR7/9 versus TLR3/MDA5 signaling during virus infections and diabetes. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 691-701	6.5	28
140	Accumulation of plasmacytoid DC: Roles in disease pathogenesis and targets for immunotherapy. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 2094-8	6.1	28
139	Blood natural killer cell deficiency reveals an immunotherapy strategy for atopic dermatitis. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	27
138	Microbially cleaved immunoglobulins are sensed by the innate immune receptor LILRA2. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16054	26.6	27
137	Fc receptor-like A associates with intracellular IgG and IgM but is dispensable for antigen-specific immune responses. <i>Journal of Immunology</i> , <b>2010</b> , 185, 2960-7	5.3	27

136	AHR and the Transcriptional Regulation of Type-17/22 ILC. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 10	8.4	26
135	Nonleukoreduced red blood cell transfusion induces a sustained inhibition of neutrophil chemotaxis by stimulating in vivo production of transforming growth factor-beta1 by neutrophils: role of the immunoglobulinlike transcript 1, sFasL, and sHLA-I. <i>Transfusion</i> , <b>2007</b> , 47, 1395-404	2.9	26
134	Reassessment of HLA association with celiac disease in special reference to the DP association. <i>Human Immunology</i> , <b>1990</b> , 29, 263-74	2.3	26
133	Crosspresentation: plasmacytoid dendritic cells are in the business. <i>Immunity</i> , <b>2007</b> , 27, 419-21	32.3	25
132	Multi-tissue single-cell analysis deconstructs the complex programs of mouse natural killer and type 1 innate lymphoid cells in tissues and circulation. <i>Immunity</i> , <b>2021</b> , 54, 1320-1337.e4	32.3	25
131	Type I IFNs Regulate Inflammation, Vasculopathy, and Fibrosis in Chronic Cutaneous Graft-versus-Host Disease. <i>Journal of Immunology</i> , <b>2016</b> , 197, 42-50	5.3	24
130	LIGHT-HVEM Signaling in Innate Lymphoid Cell Subsets Protects Against Enteric Bacterial Infection. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 249-260.e4	23.4	24
129	A nomenclature for signal regulatory protein family members. <i>Journal of Immunology</i> , <b>2005</b> , 175, 7788-95	5.3	24
128	Toll-like receptors and IFN-alpha: partners in autoimmunity. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2319-22	15.9	24
127	Exploiting NK Cell Surveillance Pathways for Cancer Therapy. <i>Cancers</i> , <b>2019</b> , 11,	6.6	23
126	CD8 T cell defect of TNF- $\alpha$ and IL-2 in DNAM-1 deficient mice delays clearance in vivo of a persistent virus infection. <i>Virology</i> , <b>2012</b> , 429, 163-70	3.6	23
125	Tailoring Natural Killer cell immunotherapy to the tumour microenvironment. <i>Seminars in Immunology</i> , <b>2017</b> , 31, 30-36	10.7	23
124	MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. <i>Immunity</i> , <b>2019</b> , 51, 479-490.e6	32.3	22
123	Association of LILRA2 (ILT1, LIR7) splice site polymorphism with systemic lupus erythematosus and microscopic polyangiitis. <i>Genes and Immunity</i> , <b>2008</b> , 9, 214-23	4.4	22
122	Suppression of ILC2 differentiation from committed T cell precursors by E protein transcription factors. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 884-899	16.6	21
121	Immune Training Unlocks Innate Potential. <i>Cell</i> , <b>2018</b> , 172, 3-5	56.2	21
120	In vivo conversion of BM plasmacytoid DC into CD11b+ conventional DC during virus infection. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 3388-94	6.1	21
119	ImmGen at 15. <i>Nature Immunology</i> , <b>2020</b> , 21, 700-703	19.1	20

118	Cytolytic responses: cadherins put out the fire. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 261-4	16.6	20
117	Alternatively spliced forms of human killer inhibitory receptors <b>1996</b> , 44, 227		20
116	Innate lymphoid cells and the MHC. <i>Hla</i> , <b>2016</b> , 87, 5-11	1.9	20
115	TREM2 sustains macrophage-hepatocyte metabolic coordination in nonalcoholic fatty liver disease and sepsis. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	20
114	Combined Prebiotic and Microbial Intervention Improves Oral Cholera Vaccination Responses in a Mouse Model of Childhood Undernutrition. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 899-908.e5	23.4	19
113	The mitogen-activated protein kinase scaffold KSR1 is required for recruitment of extracellular signal-regulated kinase to the immunological synapse. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 1554-64	4.8	19
112	Splenic CD4+ T cells have a distinct transcriptional response six hours after the onset of sepsis. <i>Journal of the American College of Surgeons</i> , <b>2006</b> , 203, 365-75	4.4	19
111	Interferon responses in viral pneumonias. <i>Science</i> , <b>2020</b> , 369, 626-627	33.3	19
110	Lymphocytes Negatively Regulate NK Cell Activity via Qa-1b following Viral Infection. <i>Cell Reports</i> , <b>2017</b> , 21, 2528-2540	10.6	17
109	RNA helicase signaling is critical for type i interferon production and protection against Rift Valley fever virus during mucosal challenge. <i>Journal of Virology</i> , <b>2013</b> , 87, 4846-60	6.6	17
108	DAP10 associates with Ly49 receptors but contributes minimally to their expression and function in vivo. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 1129-35	6.1	17
107	Neuroinflammation and neurodegeneration in human brain at single-cell resolution. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 81-82	36.5	17
106	AHR signaling in the development and function of intestinal immune cells and beyond. <i>Seminars in Immunopathology</i> , <b>2018</b> , 40, 371-377	12	17
105	AHR: making the keratinocytes thick skinned. <i>Immunity</i> , <b>2014</b> , 40, 863-4	32.3	16
104	Plasmacytoid dendritic cells: in search of their niche in immune responses. <i>Immunologic Research</i> , <b>2005</b> , 32, 75-83	4.3	16
103	A new Fc receptor homolog, FREB2, found in germinal center B cells. <i>Genes and Immunity</i> , <b>2005</b> , 6, 341-64	4.4	16
102	Prior activation state shapes the microglia response to antihuman TREM2 in a mouse model of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	16
101	NK cells: new issues and challenges. Preface. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2927-9	6.1	15



100	Brain Parenchymal and Extraparenchymal Macrophages in Development, Homeostasis, and Disease. <i>Journal of Immunology</i> , <b>2020</b> , 204, 294-305	5.3	15
99	Sca-1 expression defines developmental stages of mouse pDCs that show functional heterogeneity in the endosomal but not lysosomal TLR9 response. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2993-3005	6.1	14
98	Cloning human natural killer cells. <i>Methods in Molecular Biology</i> , <b>2000</b> , 121, 1-4	1.4	14
97	Mucosal infection rewires TNF $\alpha$ signaling dynamics to skew susceptibility to recurrence. <i>ELife</i> , <b>2019</b> , 8,	8.9	13
96	Single-cell analyses of Crohn's disease tissues reveal intestinal intraepithelial T cells heterogeneity and altered subset distributions. <i>Nature Communications</i> , <b>2021</b> , 12, 1921	17.4	13
95	Activated microglia mitigate A $\beta$ -associated tau seeding and spreading. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	13
94	Microglia in Alzheimer's disease at single-cell level. Are there common patterns in humans and mice?. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	13
93	Targeting CD226/DNAX accessory molecule-1 (DNAM-1) in collagen-induced arthritis mouse models. <i>Journal of Inflammation</i> , <b>2015</b> , 12, 9	6.7	12
92	The Microglial Response to Neurodegenerative Disease. <i>Advances in Immunology</i> , <b>2018</b> , 139, 1-50	5.6	12
91	Role of triggering receptor expressed on myeloid cells-1/3 in Klebsiella-derived pneumosepsis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2015</b> , 53, 647-55	5.7	11
90	Mechanisms of Action and Clinical Development of Elotuzumab. <i>Clinical and Translational Science</i> , <b>2018</b> , 11, 261-266	4.9	11
89	GI motility: microbiota and macrophages join forces. <i>Cell</i> , <b>2014</b> , 158, 239-240	56.2	11
88	Dual function of CD70 in viral infection: modulator of early cytokine responses and activator of adaptive responses. <i>Journal of Immunology</i> , <b>2014</b> , 193, 871-8	5.3	11
87	TREM-2 mediated signaling induces antigen uptake and retention in mature myeloid dendritic cells. <i>Journal of Immunology</i> , <b>2008</b> , 181, 7863-72	5.3	11
86	Role of TREM1-DAP12 in renal inflammation during obstructive nephropathy. <i>PLoS ONE</i> , <b>2013</b> , 8, e82498	3.7	11
85	Innate lymphoid cell sensing of tissue vitality. <i>Current Opinion in Immunology</i> , <b>2019</b> , 56, 82-93	7.8	11
84	The CNS Immune-Privilege Goes Down the Drain(age). <i>Trends in Pharmacological Sciences</i> , <b>2019</b> , 40, 1-3	13.2	11
83	Innate lymphoid cells: A potential link between microbiota and immune responses against cancer. <i>Seminars in Immunology</i> , <b>2019</b> , 41, 101271	10.7	10



82	Leukocyte-Associated Ig-like Receptor 1 Inhibits T1 Responses but Is Required for Natural and Induced Monocyte-Dependent T17 Responses. <i>Journal of Immunology</i> , <b>2018</b> , 201, 772-781	5.3	10
81	Skin function for human CD1a-reactive T cells. <i>Nature Immunology</i> , <b>2010</b> , 11, 1079-80	19.1	10
80	Immunoglobulin superfamily inhibitory receptors: from natural killer cells to antigen-presenting cells. <i>Research in Immunology</i> , <b>1997</b> , 148, 169-71		10
79	Alerting dendritic cells to pathogens: the importance of Toll-like receptor signaling of stromal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 16083-4	11.5	10
78	Human monoclonal antibody MP8 detects a supertypic determinant encoded by DPB alleles DPB2.1, DPB3, DPB4.2, DPB8, DPB9, DPB10, and DPB14. <i>Immunogenetics</i> , <b>1989</b> , 30, 502-5	3.2	10
77	Two Distinct Myeloid Subsets at the Term Human Fetal-Maternal Interface. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1357	8.4	9
76	DAP10 contributes to CD8(+) T cell-mediated cytotoxic effector mechanisms during Mycobacterium tuberculosis infection. <i>Immunobiology</i> , <b>2011</b> , 216, 639-47	3.4	9
75	Triggering Receptor Expressed on Myeloid Cells (TREM)-2 Impairs Host Defense in Experimental Melioidosis. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004747	4.8	9
74	STING Gain-of-Function Disrupts Lymph Node Organogenesis and Innate Lymphoid Cell Development in Mice. <i>Cell Reports</i> , <b>2020</b> , 31, 107771	10.6	8
73	TREM1/3 Deficiency Impairs Tissue Repair After Acute Kidney Injury and Mitochondrial Metabolic Flexibility in Tubular Epithelial Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1469	8.4	8
72	Viral immunosuppression: disabling the guards. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 113, 660-2	15.9	8
71	IL-22 is required for the induction of bronchus-associated lymphoid tissue in tolerant lung allografts. <i>American Journal of Transplantation</i> , <b>2020</b> , 20, 1251-1261	8.7	8
70	Killing the Invaders: NK Cell Impact in Tumors and Anti-Tumor Therapy. <i>Cancers</i> , <b>2021</b> , 13,	6.6	8
69	Chemical sensing in development and function of intestinal lymphocytes. <i>Current Opinion in Immunology</i> , <b>2018</b> , 50, 112-116	7.8	7
68	Is There Natural Killer Cell Memory and Can It Be Harnessed by Vaccination? Vaccination Strategies Based on NK Cell and ILC Memory. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2018</b> , 10,	10.2	7
67	Running to stand still: BCR-like signaling suppresses type I IFN responses in pDC. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 3327-9	6.1	7
66	Serological detection and molecular localization of allelic HLA-DP supertypic epitopes. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 433-40	6.1	7
65	Hypoxia and HIF-1 as key regulators of gut microbiota and host interactions. <i>Trends in Immunology</i> , <b>2021</b> , 42, 604-621	14.4	7

64	Nuclear receptor ligands induce TREM-1 expression on dendritic cells: analysis of their role in tumors. <i>OncImmunology</i> , <b>2019</b> , 8, 1554967	7.2	7
63	Fifty Shades of Microglia. <i>Trends in Neurosciences</i> , <b>2019</b> , 42, 440-443	13.3	6
62	Incorporation of porcine adenovirus 4 fiber protein enhances infectivity of adenovirus vector on dendritic cells: implications for immune-mediated cancer therapy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125851	3.7	6
61	N-linked glycosylation selectively regulates the generic folding of HLA-Cw1. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 16469-76	5.4	6
60	TREM2 is a receptor for non-glycosylated mycolic acids of mycobacteria that limits anti-mycobacterial macrophage activation. <i>Nature Communications</i> , <b>2021</b> , 12, 2299	17.4	6
59	Turning enemies into allies-reprogramming tumor-associated macrophages for cancer therapy. <i>Med</i> , <b>2021</b> , 2, 666-681	31.7	6
58	Microglia control small vessel calcification via TREM2. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	6
57	Group 2 Innate Lymphoid Cells Must Partner with the Myeloid-Macrophage Lineage for Long-Term Postviral Lung Disease. <i>Journal of Immunology</i> , <b>2020</b> , 205, 1084-1101	5.3	5
56	Carboxyethyl gamma-aminobutyric acid, a polyamine derivative, improves the recovery of EBV-transformed lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 150, 931-6	3.4	5
55	Microglia control small vessel calcification via TREM2		4
54	Keeping time in group 3 innate lymphoid cells. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 720-726	36.5	4
53	Differential usage of transcriptional repressor Zeb2 enhancers distinguishes adult and embryonic hematopoiesis. <i>Immunity</i> , <b>2021</b> , 54, 1417-1432.e7	32.3	4
52	The Fibronectin-ILT3 Interaction Functions as a Stromal Checkpoint that Suppresses Myeloid Cells. <i>Cancer Immunology Research</i> , <b>2021</b> , 9, 1283-1297	12.5	4
51	Profiling senescent cells in human brains reveals neurons with CDKN2D/p19 and tau neuropathology.. <i>Nature Aging</i> , <b>2021</b> , 1, 1107-1116		4
50	Leukemia Inhibitory Factor Inhibits Plasmacytoid Dendritic Cell Function and Development. <i>Journal of Immunology</i> , <b>2020</b> , 204, 2257-2268	5.3	3
49	CRTAM Protects Against Intestinal Dysbiosis During Pathogenic Parasitic Infection by Enabling Th17 Maturation. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1423	8.4	3
48	TREM1 Blockade: Killing Two Birds with One Stone. <i>Trends in Immunology</i> , <b>2019</b> , 40, 781-783	14.4	3
47	DC-SCRIPT deficiency delays mouse mammary gland development and branching morphogenesis. <i>Developmental Biology</i> , <b>2019</b> , 455, 42-50	3.1	3

46	DNA damage response impacts macrophage functions. <i>Blood</i> , <b>2015</b> , 126, 2440-2	2.2	3
45	Disparate antiviral responses in Molluscum contagiosum virus-induced skin lesions. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 288-90	4.3	3
44	Below the NK-cell surface: PIP2. <i>Blood</i> , <b>2008</b> , 111, 3916	2.2	3
43	Interferon-producing cells develop from murine CD31(high)/Ly6C(-) marrow progenitors. <i>Cellular Immunology</i> , <b>2006</b> , 242, 91-8	4.4	3
42	Inhibitory receptors: friend or foe?. <i>Lancet, The</i> , <b>2003</b> , 361, 1067-8	4.0	3
41	Natural Killer Cell Protocols <b>2000</b> ,		3
40	Sequence-specific DNA binding protein(s) that bind(s) to a putative human DNA replication origin. <i>Biochemical Pharmacology</i> , <b>1988</b> , 37, 1807-8	6	3
39	Adaptive differentiation promotes intestinal villus recovery.. <i>Developmental Cell</i> , <b>2022</b> ,	10.2	3
38	Author response: Toxoplasma gondii infection drives conversion of NK cells into ILC1-like cells <b>2019</b> ,		3
37	Spatial distribution of LT $\alpha$ i-like cells in intestinal mucosa regulates type 3 innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
36	Hobit confers tissue-dependent programs to type 1 innate lymphoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
35	RNA exosomes keep endogenous RNA under the radar. <i>Nature Immunology</i> , <b>2014</b> , 15, 830-1	19.1	2
34	Gr1+ Inflammatory Monocytes Are Required for Mucosal Resistance to the Pathogen Toxoplasma gondii. <i>Immunity</i> , <b>2008</b> , 29, 660	32.3	2
33	Two-faced behavior of microglia in Alzheimer's disease. <i>Nature Neuroscience</i> , <b>2021</b> ,	25.5	2
32	TREM2 modulates differential deposition of modified and non-modified A $\beta$ species in extracellular plaques and intraneuronal deposits. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 168	7.3	2
31	High affinity interactions and signal transduction between A $\beta$ oligomers and TREM2		2
30	Sense and immuno-sensibility: innate lymphoid cell niches and circuits. <i>Current Opinion in Immunology</i> , <b>2020</b> , 62, 9-14	7.8	2
29	Altered ratio of dendritic cell subsets in skin-draining lymph nodes promotes Th2-driven contact hypersensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2

28	Alzheimer's disease modification mediated by bone marrow-derived macrophages via a TREM2-independent pathway in mouse model of amyloidosis. <i>Nature Aging</i> , <b>2022</b> , 2, 60-73		2
27	Dysregulation of the leukocyte signaling landscape during acute COVID-19.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264937		2
26	IMMUNOLOGY. Converting to adapt. <i>Science</i> , <b>2016</b> , 352, 1515-6	33.3	1
25	Innate Lymphoid Cells in Mucosal Homeostasis, Infections, Autoimmune Disorders, and Tumors <b>2015</b> , 1003-1012		1
24	Peripheral nerve resident macrophages are microglia-like cells with tissue-specific programming		1
23	Dysregulation of the Leukocyte Signaling Landscape during Acute COVID-19 <b>2021</b> ,		1
22	Activating interactions in human NK cell recognition: the role of 2B4-CD48 <b>1999</b> , 29, 1676		1
21	High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue.. <i>Journal of Immunology</i> , <b>2022</b> , 208, 1445-1455	5.3	1
20	Group 2 Innate Lymphoid Cells Induce Antibody Production in Gastric Tissue. <i>Trends in Immunology</i> , <b>2020</b> , 41, 643-645	14.4	0
19	Plasmacytoid dendritic cells: are they professional antigen-presenting cells?. <i>Blood</i> , <b>2003</b> , 101, 3342-3342	2.2	0
18	P2Y receptor antagonism resolves sialadenitis and improves salivary flow in a Sjögren's syndrome mouse model. <i>Archives of Oral Biology</i> , <b>2021</b> , 124, 105067	2.8	0
17	A T-cell Imprint in a Rare Skin Tumor. <i>Cancer Immunology Research</i> , <b>2021</b> , 9, 600	12.5	0
16	Type I interferon mediated induction of somatostatin leads to suppression of ghrelin and appetite thereby promoting viral immunity in mice. <i>Brain, Behavior, and Immunity</i> , <b>2021</b> , 95, 429-443	16.6	0
15	Innate Lymphoid Cells and Inflammatory Bowel Disease.. <i>Advances in Experimental Medicine and Biology</i> , <b>2022</b> , 1365, 97-112	3.6	0
14	Retraction: TREM-2 mediated signaling induces antigen uptake and retention in mature myeloid dendritic cells. <i>Journal of Immunology</i> , <b>2010</b> , 184, 6557	5.3	
13	A fresh look at an antiviral helicase. <i>Cell Research</i> , <b>2007</b> , 17, 898-900	24.7	
12	Plasmacytoid DCs fail to soar without Ikaros. <i>Blood</i> , <b>2006</b> , 108, 3962-3963	2.2	
11	Two signals that trigger NK cell aggression against tumors. <i>Blood</i> , <b>2003</b> , 102, 4252-4252	2.2	

10	Plasmacytoid dendritic cell: vive le dilettante!. <i>Blood</i> , <b>2004</b> , 104, 1596-1597	2.2
9	Natural Interferon Producing Cells Develop from Murine CD31+(high)/Ly6C- Marrow Progenitors.. <i>Blood</i> , <b>2004</b> , 104, 4169-4169	2.2
8	CpG-induced tyrosine phosphorylation occurs via a TLR9-independent mechanism and is required for cytokine secretion. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, i13-i13	16.6
7	Helicases at Frontline of RNA Virus Recognition <b>2008</b> , 241-272	
6	Human Innate lymphoid cells. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, SY78-2	0
5	TREM-2 (triggering receptor expressed on myeloid cells 2) is a phagocytic receptor for bacteria. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, i3-i3	16.6
4	The Function of Leukocyte Immunoglobulin-Like Receptors in Self-Tolerance, Viral Recognition, and Regulation of Adaptive Responses301-312	
3	Introduction: Basic and emerging concepts in ILC biology. <i>Immunological Reviews</i> , <b>2018</b> , 286, 4-5	11.3
2	Microglia esprit de corps: Sharing the burden of eliminating toxic aggregates. <i>Cell</i> , <b>2021</b> , 184, 5082-508456.2	
1	Overview: Themes in Innate Lymphoid Cell Biology.. <i>Advances in Experimental Medicine and Biology</i> , <b>2022</b> , 1365, 1-6	3.6