

Marco Colonna

List of Publications by Year in descending order

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470
papers

80,524
citations

281

140
h-index

568

263
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511
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511
docs citations

511
times ranked

62929
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. <i>Cell</i> , 2017, 169, 1276-1290.e17.	28.9	3,282
2	Innate lymphoid cells – a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , 2013, 13, 145-149.	22.7	2,054
3	Plasmacytoid monocytes migrate to inflamed lymph nodes and produce large amounts of type I interferon. <i>Nature Medicine</i> , 1999, 5, 919-923.	30.7	1,560
4	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018, 174, 1054-1066.	28.9	1,467
5	Microglia Function in the Central Nervous System During Health and Neurodegeneration. <i>Annual Review of Immunology</i> , 2017, 35, 441-468.	21.8	1,450
6	Plasmacytoid dendritic cells in immunity. <i>Nature Immunology</i> , 2004, 5, 1219-1226.	14.5	1,432
7	TREM2 Lipid Sensing Sustains the Microglial Response in an Alzheimer's Disease Model. <i>Cell</i> , 2015, 160, 1061-1071.	28.9	1,236
8	Embryonic and Adult-Derived Resident Cardiac Macrophages Are Maintained through Distinct Mechanisms at Steady State and during Inflammation. <i>Immunity</i> , 2014, 40, 91-104.	14.3	1,120
9	Cutting Edge: Inflammatory Responses Can Be Triggered by TREM-1, a Novel Receptor Expressed on Neutrophils and Monocytes. <i>Journal of Immunology</i> , 2000, 164, 4991-4995.	0.8	1,118
10	A human natural killer cell subset provides an innate source of IL-22 for mucosal immunity. <i>Nature</i> , 2009, 457, 722-725.	27.8	1,114
11	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006, 440, 233-236.	27.8	1,016
12	TREM-1 amplifies inflammation and is a crucial mediator of septic shock. <i>Nature</i> , 2001, 410, 1103-1107.	27.8	1,013
13	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> , 2006, 103, 8459-8464.	7.1	1,013
14	The multifaceted biology of plasmacytoid dendritic cells. <i>Nature Reviews Immunology</i> , 2015, 15, 471-485.	22.7	873
15	A Common Inhibitory Receptor for Major Histocompatibility Complex Class I Molecules on Human Lymphoid and Myelomonocytic Cells. <i>Journal of Experimental Medicine</i> , 1997, 186, 1809-1818.	8.5	847
16	Human T Regulatory Cells Can Use the Perforin Pathway to Cause Autologous Target Cell Death. <i>Immunity</i> , 2004, 21, 589-601.	14.3	844
17	Intraepithelial Type 1 Innate Lymphoid Cells Are a Unique Subset of IL-12- and IL-15-Responsive IFN- γ -Producing Cells. <i>Immunity</i> , 2013, 38, 769-781.	14.3	816
18	IL-34 is a tissue-restricted ligand of CSF1R required for the development of Langerhans cells and microglia. <i>Nature Immunology</i> , 2012, 13, 753-760.	14.5	773

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19	Disease-Associated Microglia: A Universal Immune Sensor of Neurodegeneration. <i>Cell</i> , 2018, 173, 1073-1081.	28.9	765
20	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> , 2003, 101, 3052-3057.	1.4	750
21	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , 2017, 170, 649-663.e13.	28.9	741
22	Tolerization of dendritic cells by TS cells: the crucial role of inhibitory receptors ILT3 and ILT4. <i>Nature Immunology</i> , 2002, 3, 237-243.	14.5	736
23	Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. <i>Cell</i> , 2019, 178, 686-698.e14.	28.9	718
24	Plasmacytoid dendritic cells activated by influenza virus and CD40L drive a potent TH1 polarization. <i>Nature Immunology</i> , 2000, 1, 305-310.	14.5	708
25	Specialization and complementarity in microbial molecule recognition by human myeloid and plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2001, 31, 3388-3393.	2.9	702
26	Innate lymphoid cells: A new paradigm in immunology. <i>Science</i> , 2015, 348, aaa6566.	12.6	683
27	BDCA-2, a Novel Plasmacytoid Dendritic Cell-specific Type II C-type Lectin, Mediates Antigen Capture and Is a Potent Inhibitor of Interferon γ Induction. <i>Journal of Experimental Medicine</i> , 2001, 194, 1823-1834.	8.5	674
28	AHR drives the development of gut ILC22 cells and postnatal lymphoid tissues via pathways dependent on and independent of Notch. <i>Nature Immunology</i> , 2012, 13, 144-151.	14.5	646
29	TLR9-Dependent Recognition of MCMV by IPC and DC Generates Coordinated Cytokine Responses that Activate Antiviral NK Cell Function. <i>Immunity</i> , 2004, 21, 107-119.	14.3	644
30	Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. <i>Nature Medicine</i> , 2020, 26, 131-142.	30.7	641
31	Herpes simplex virus type 1 activates murine natural interferon-producing cells through toll-like receptor 9. <i>Blood</i> , 2004, 103, 1433-1437.	1.4	606
32	TREMs in the immune system and beyond. <i>Nature Reviews Immunology</i> , 2003, 3, 445-453.	22.7	601
33	TREM2 mutations implicated in neurodegeneration impair cell surface transport and phagocytosis. <i>Science Translational Medicine</i> , 2014, 6, 243ra86.	12.4	600
34	Cutting Edge: TREM-2 Attenuates Macrophage Activation. <i>Journal of Immunology</i> , 2006, 177, 3520-3524.	0.8	572
35	TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. <i>Journal of Experimental Medicine</i> , 2016, 213, 667-675.	8.5	565
36	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> , 2009, 206, 1589-1602.	8.5	555

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37	Transcriptional programs define molecular characteristics of innate lymphoid cell classes and subsets. <i>Nature Immunology</i> , 2015, 16, 306-317.	14.5	551
38	<i>Lactobacillus reuteri</i> induces gut intraepithelial CD4 ⁺ CD8 ⁺ T cells. <i>Science</i> , 2017, 357, 806-810.	12.6	543
39	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , 2016, 90, 724-739.	8.1	528
40	Negative feedback control of neuronal activity by microglia. <i>Nature</i> , 2020, 586, 417-423.	27.8	520
41	The TREM receptor family and signal integration. <i>Nature Immunology</i> , 2006, 7, 1266-1273.	14.5	506
42	Development, Differentiation, and Diversity of Innate Lymphoid Cells. <i>Immunity</i> , 2014, 41, 354-365.	14.3	498
43	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> , 2003, 100, 8856-8861.	7.1	497
44	Metabolic Reprogramming Mediated by the mTORC2-IRF4 Signaling Axis Is Essential for Macrophage Alternative Activation. <i>Immunity</i> , 2016, 45, 817-830.	14.3	453
45	A Dap12-Mediated Pathway Regulates Expression of Cc Chemokine Receptor 7 and Maturation of Human Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 1111-1122.	8.5	412
46	The receptors CD96 and CD226 oppose each other in the regulation of natural killer cell functions. <i>Nature Immunology</i> , 2014, 15, 431-438.	14.5	410
47	A Novel Inhibitory Receptor (ILT3) Expressed on Monocytes, Macrophages, and Dendritic Cells Involved in Antigen Processing. <i>Journal of Experimental Medicine</i> , 1997, 185, 1743-1751.	8.5	396
48	TREM2 is a key player in microglial biology and Alzheimer disease. <i>Nature Reviews Neurology</i> , 2018, 14, 667-675.	10.1	396
49	NK cell and DC interactions. <i>Trends in Immunology</i> , 2004, 25, 47-52.	6.8	395
50	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> , 2006, 177, 3260-3265.	0.8	390
51	NKG2D recruits two distinct adapters to trigger NK cell activation and costimulation. <i>Nature Immunology</i> , 2002, 3, 1150-1155.	14.5	380
52	Gr1 ⁺ Inflammatory Monocytes Are Required for Mucosal Resistance to the Pathogen <i>Toxoplasma gondii</i> . <i>Immunity</i> , 2008, 29, 306-317.	14.3	377
53	TREM2 sustains microglial expansion during aging and response to demyelination. <i>Journal of Clinical Investigation</i> , 2015, 125, 2161-2170.	8.2	376
54	Expression of the inhibitory receptor ILT3 on dendritic cells is dispensable for induction of CD4 ⁺ Foxp3 ⁺ regulatory T cells by 1,25-dihydroxyvitamin D3. <i>Blood</i> , 2005, 106, 3490-3497.	1.4	373

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55	Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. <i>Nature Immunology</i> , 2013, 14, 937-948.	14.5	368
56	Unraveling the functions of plasmacytoid dendritic cells during viral infections, autoimmunity, and tolerance. <i>Immunological Reviews</i> , 2010, 234, 142-162.	6.0	345
57	Presentation of viral antigen by MHC class I molecules is dependent on a putative peptide transporter heterodimer. <i>Nature</i> , 1992, 355, 644-646.	27.8	341
58	Plasmacytoid Dendritic Cell Ablation Impacts Early Interferon Responses and Antiviral NK and CD8+ T Cell Accrual. <i>Immunity</i> , 2010, 33, 955-966.	14.3	337
59	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> , 2017, 114, 11524-11529.	7.1	328
60	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> , 2003, 170, 3812-3818.	0.8	327
61	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> , 1999, 29, 277-283.	2.9	325
62	TREM2 variants: new keys to decipher Alzheimer disease pathogenesis. <i>Nature Reviews Neuroscience</i> , 2016, 17, 201-207.	10.2	312
63	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. <i>Cell</i> , 2020, 182, 886-900.e17.	28.9	309
64	Cutting Edge: CD96 (Tactile) Promotes NK Cell-Target Cell Adhesion by Interacting with the Poliovirus Receptor (CD155). <i>Journal of Immunology</i> , 2004, 172, 3994-3998.	0.8	307
65	DNAM-1 promotes activation of cytotoxic lymphocytes by nonprofessional antigen-presenting cells and tumors. <i>Journal of Experimental Medicine</i> , 2008, 205, 2965-2973.	8.5	302
66	Sequential Involvement of Lck and SHP-1 with MHC-Recognizing Receptors on NK Cells Inhibits FcR-Initiated Tyrosine Kinase Activation. <i>Immunity</i> , 1996, 5, 629-638.	14.3	300
67	Expansion of human NK-22 cells with IL-7, IL-2, and IL-1 β reveals intrinsic functional plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10961-10966.	7.1	295
68	Expression profiling of constitutive mast cells reveals a unique identity within the immune system. <i>Nature Immunology</i> , 2016, 17, 878-887.	14.5	293
69	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> , 1997, 27, 660-665.	2.9	287
70	Skull and vertebral bone marrow are myeloid cell reservoirs for the meninges and CNS parenchyma. <i>Science</i> , 2021, 373, .	12.6	282
71	CD8+ T Cells Orchestrate pDC-XCR1+ Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , 2017, 46, 205-219.	14.3	278
72	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> , 2008, 105, 2574-2579.	7.1	276

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73	Interleukin-22-Producing Natural Killer Cells and Lymphoid Tissue Inducer-like Cells in Mucosal Immunity. <i>Immunity</i> , 2009, 31, 15-23.	14.3	273
74	Macrophage colony-stimulating factor induces the proliferation and survival of macrophages via a pathway involving DAP12 and I κ B-catenin. <i>Nature Immunology</i> , 2009, 10, 734-743.	14.5	271
75	Recruitment of immature plasmacytoid dendritic cells (plasmacytoid monocytes) and myeloid dendritic cells in primary cutaneous melanomas. <i>Journal of Pathology</i> , 2003, 200, 255-268.	4.5	270
76	SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- β 2 signaling. <i>Nature Immunology</i> , 2017, 18, 995-1003.	14.5	268
77	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> , 2009, 206, 1899-1911.	8.5	267
78	Innate Lymphoid Cells: Diversity, Plasticity, and Unique Functions in Immunity. <i>Immunity</i> , 2018, 48, 1104-1117.	14.3	265
79	Type I IFN controls chikungunya virus via its action on nonhematopoietic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 429-442.	8.5	262
80	Comprehensive Profiling of an Aging Immune System Reveals Clonal GZMK+ CD8+ T Cells as Conserved Hallmark of Inflammaging. <i>Immunity</i> , 2021, 54, 99-115.e12.	14.3	258
81	Altered microglial response to A β 2 plaques in APPPS1-21 mice heterozygous for TREM2. <i>Molecular Neurodegeneration</i> , 2014, 9, 20.	10.8	257
82	TREM-1 (Triggering Receptor Expressed on Myeloid Cells): A New Player in Acute Inflammatory Responses. <i>Journal of Infectious Diseases</i> , 2003, 187, S397-S401.	4.0	256
83	Elucidating the Role of TREM2 in Alzheimer's Disease. <i>Neuron</i> , 2017, 94, 237-248.	8.1	255
84	Endoplasmic Reticulum Stress Controls M2 Macrophage Differentiation and Foam Cell Formation. <i>Journal of Biological Chemistry</i> , 2012, 287, 11629-11641.	3.4	251
85	Imiquimod clears tumors in mice independent of adaptive immunity by converting pDCs into tumor-killing effector cells. <i>Journal of Clinical Investigation</i> , 2012, 122, 575-585.	8.2	250
86	Identification of soluble TREM-2 in the cerebrospinal fluid and its association with multiple sclerosis and CNS inflammation. <i>Brain</i> , 2008, 131, 3081-3091.	7.6	248
87	Efficient colonic mucosal wound repair requires Trem2 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 256-261.	7.1	248
88	The Natural Cytotoxicity Receptors in Health and Disease. <i>Frontiers in Immunology</i> , 2019, 10, 909.	4.8	243
89	The identity and function of microglia in neurodegeneration. <i>Nature Immunology</i> , 2018, 19, 1048-1058.	14.5	241
90	Blockade of TREM-2 exacerbates experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 2007, 37, 1290-1301.	2.9	239

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91	HLA alleles determine differences in human natural killer cell responsiveness and potency. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3053-3058.	7.1	239
92	Tetrameric Complexes of Human Histocompatibility Leukocyte Antigen (HLA)-G Bind to Peripheral Blood Myelomonocytic Cells. Journal of Experimental Medicine, 1999, 189, 1149-1156.	8.5	235
93	Association Between Specific Adipose Tissue CD4+ T-Cell Populations and Insulin Resistance in Obese Individuals. Gastroenterology, 2013, 145, 366-374.e3.	1.3	229
94	Early, transient depletion of plasmacytoid dendritic cells ameliorates autoimmunity in a lupus model. Journal of Experimental Medicine, 2014, 211, 1977-1991.	8.5	229
95	Virus-induced Interferon $\hat{\pm}$ Production by a Dendritic Cell Subset in the Absence of Feedback Signaling In Vivo. Journal of Experimental Medicine, 2002, 195, 507-516.	8.5	225
96	Generation of allospecific natural killer cells by stimulation across a polymorphism of HLA-C. Science, 1993, 260, 1121-1124.	12.6	223
97	Anti-human TREM2 induces microglia proliferation and reduces pathology in an Alzheimer's disease model. Journal of Experimental Medicine, 2020, 217, .	8.5	223
98	TREM2 Acts Downstream of CD33 in Modulating Microglial Pathology in Alzheimer's Disease. Neuron, 2019, 103, 820-835.e7.	8.1	222
99	Siglec-H is an IPC-specific receptor that modulates type I IFN secretion through DAP12. Blood, 2006, 107, 2474-2476.	1.4	221
100	Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. Science, 2021, 373, .	12.6	218
101	Interferon-producing cells: on the front line in immune responses against pathogens. Current Opinion in Immunology, 2002, 14, 373-379.	5.5	217
102	A novel molecular interaction for the adhesion of follicular CD4 T cells to follicular DC. European Journal of Immunology, 2009, 39, 695-703.	2.9	213
103	Activating interactions in human NK cell recognition: the role of 2B4-CD48. European Journal of Immunology, 1999, 29, 1676-1683.	2.9	212
104	Molecular characterization of two novel C-type lectin-like receptors, one of which is selectively expressed in human dendritic cells. European Journal of Immunology, 2000, 30, 697-704.	2.9	208
105	Impaired Differentiation of Osteoclasts in TREM-2-deficient Individuals. Journal of Experimental Medicine, 2003, 198, 645-651.	8.5	208
106	TREM-2 (triggering receptor expressed on myeloid cells 2) is a phagocytic receptor for bacteria. Journal of Cell Biology, 2009, 184, 215-223.	5.2	208
107	Organization of the leukocyte receptor cluster (LRC) on human Chromosome 19q13.4. Mammalian Genome, 1999, 10, 154-160.	2.2	207
108	Activating and inhibitory functions of DAP12. Nature Reviews Immunology, 2007, 7, 155-161.	22.7	205

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109	Tyrosine phosphorylation of a human killer inhibitory receptor recruits protein tyrosine phosphatase 1C.. Journal of Experimental Medicine, 1996, 184, 93-100.	8.5	202
110	Transforming Growth Factor- β 2 Signaling Guides the Differentiation of Innate Lymphoid Cells in Salivary Glands. Immunity, 2016, 44, 1127-1139.	14.3	202
111	Altered NKG2D function in NK cells induced by chronic exposure to NKG2D ligand-expressing tumor cells. Blood, 2005, 106, 1711-1717.	1.4	200
112	Suppression of Metastases Using a New Lymphocyte Checkpoint Target for Cancer Immunotherapy. Cancer Discovery, 2016, 6, 446-459.	9.4	198
113	Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor. Cell, 2018, 172, 534-548.e19.	28.9	197
114	ApoE facilitates the microglial response to amyloid plaque pathology. Journal of Experimental Medicine, 2018, 215, 1047-1058.	8.5	194
115	MDA-5 Recognition of a Murine Norovirus. PLoS Pathogens, 2008, 4, e1000108.	4.7	193
116	Alzheimer's disease-associated TREM2 variants exhibit either decreased or increased ligand-dependent activation. Alzheimer's and Dementia, 2017, 13, 381-387.	0.8	192
117	TREM2 function impedes tau seeding in neuritic plaques. Nature Neuroscience, 2019, 22, 1217-1222.	14.8	190
118	Innate Lymphoid Cells in Mucosal Immunity. Frontiers in Immunology, 2019, 10, 861.	4.8	189
119	Distinct and complementary functions of MDA5 and TLR3 in poly(I:C)-mediated activation of mouse NK cells. Journal of Experimental Medicine, 2009, 206, 2967-2976.	8.5	188
120	Plasmacytoid dendritic cells prime IFN- γ -secreting melanoma-specific CD8 lymphocytes and are found in primary melanoma lesions. European Journal of Immunology, 2003, 33, 1052-1062.	2.9	184
121	Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. Journal of Experimental Medicine, 2018, 215, 745-760.	8.5	182
122	Unique and redundant functions of NKp46+ ILC3s in models of intestinal inflammation. Journal of Experimental Medicine, 2015, 212, 1869-1882.	8.5	181
123	OSCAR is a collagen receptor that costimulates osteoclastogenesis in DAP12-deficient humans and mice. Journal of Clinical Investigation, 2011, 121, 3505-3516.	8.2	177
124	Death receptors bind SHP-1 and block cytokine-induced anti-apoptotic signaling in neutrophils. Nature Medicine, 2002, 8, 61-67.	30.7	172
125	The tumor suppressor TSLC1/NECL-2 triggers NK-cell and CD8+ T-cell responses through the cell-surface receptor CRTAM. Blood, 2005, 106, 779-786.	1.4	171
126	Cutting Edge: Activation of NK Cell-Mediated Cytotoxicity by a SAP-Independent Receptor of the CD2 Family. Journal of Immunology, 2001, 167, 5517-5521.	0.8	167

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127	Signal-regulatory protein $\hat{1}\pm$ (SIRP $\hat{1}\pm$) but not SIRP $\hat{2}$ is involved in T-cell activation, binds to CD47 with high affinity, and is expressed on immature CD34+CD38 $\hat{+}$ hematopoietic cells. <i>Blood</i> , 2001, 97, 2741-2749.	1.4	164
128	TREM-2 promotes macrophage survival and lung disease after respiratory viral infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 681-697.	8.5	164
129	Circadian clock protein Rev-erb $\hat{1}\pm$ regulates neuroinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5102-5107.	7.1	164
130	Plasmacytoid dendritic cells $\hat{+}$ virus experts of innate immunity. <i>Seminars in Immunology</i> , 2005, 17, 253-261.	5.6	160
131	TLR pathways and IFN-regulatory factors: To each its own. <i>European Journal of Immunology</i> , 2007, 37, 306-309.	2.9	160
132	Patients with X-linked lymphoproliferative disease have a defect in 2B4 receptor-mediated NK cell cytotoxicity. <i>European Journal of Immunology</i> , 2000, 30, 3309-3318.	2.9	158
133	Cutting Edge: Signal-Regulatory Protein $\hat{2}1$ Is a DAP12-Associated Activating Receptor Expressed in Myeloid Cells. <i>Journal of Immunology</i> , 2000, 164, 9-12.	0.8	158
134	DNAM-1/CD155 Interactions Promote Cytokine and NK Cell-Mediated Suppression of Poorly Immunogenic Melanoma Metastases. <i>Journal of Immunology</i> , 2010, 184, 902-911.	0.8	158
135	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> , 1999, 66, 375-381.	3.3	154
136	Runx3 specifies lineage commitment of innate lymphoid cells. <i>Nature Immunology</i> , 2015, 16, 1124-1133.	14.5	154
137	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , 2019, 570, 528-532.	27.8	153
138	Use of Genetic Profiling in Leprosy to Discriminate Clinical Forms of the Disease. <i>Science</i> , 2003, 301, 1527-1530.	12.6	151
139	Development and function of murine B220+CD11c+NK1.1+ cells identify them as a subset of NK cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2561-2568.	8.5	150
140	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> , 2003, 197, 899-906.	8.5	148
141	Cutting Edge: Murine Vascular Endothelium Activates and Induces the Generation of Allogeneic CD4+25+Foxp3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2005, 175, 6265-6270.	0.8	148
142	Cutting Edge: Salivary Gland NK Cells Develop Independently of Nfil3 in Steady-State. <i>Journal of Immunology</i> , 2014, 192, 4487-4491.	0.8	147
143	Microglia in Alzheimer's disease at single-cell level. Are there common patterns in humans and mice?. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	147
144	Cutting Edge: IFN-Producing Cells Respond to CXCR3 Ligands in the Presence of CXCL12 and Secrete Inflammatory Chemokines upon Activation. <i>Journal of Immunology</i> , 2002, 169, 6079-6083.	0.8	145

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145	Neurodegenerative disease mutations in TREM2 reveal a functional surface and distinct loss-of-function mechanisms. <i>ELife</i> , 2016, 5, .	6.0	145
146	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , 2016, 92, 252-264.	8.1	145
147	Type I IFN enhances follicular B cell contribution to the T cell-independent antibody response. <i>Journal of Experimental Medicine</i> , 2010, 207, 1485-1500.	8.5	143
148	Cutting Edge: Expression Patterns of Surface and Soluble Triggering Receptor Expressed on Myeloid Cells-1 in Human Endotoxemia. <i>Journal of Immunology</i> , 2004, 173, 7131-7134.	0.8	142
149	Human Histocompatibility Leukocyte Antigen (HLA)-G Molecules Inhibit NKAT3 Expressing Natural Killer Cells. <i>Journal of Experimental Medicine</i> , 1997, 185, 385-392.	8.5	141
150	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> , 2009, 83, 9329-9338.	3.4	141
151	Subsets of ILC3-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. <i>Nature Immunology</i> , 2019, 20, 980-991.	14.5	141
152	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> , 2004, 20, 2617-2628.	2.6	140
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