Marco Colonna

List of Publications by Year in Descending Order

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	Adaptive differentiation promotes intestinal villus recovery.. *Developmental Cell*, **2022**,	10.2	3
458	High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue.. *Journal of Immunology*, **2022**, 208, 1445-1455	5.3	1
457	Alzheimer disease modification mediated by bone marrow-derived macrophages via a TREM2-independent pathway in mouse model of amyloidosis. *Nature Aging*, **2022**, 2, 60-73		2
456	Dysregulation of the leukocyte signaling landscape during acute COVID-19.. *PLoS ONE*, **2022**, 17, e0264979	3.7	2
455	Innate Lymphoid Cells and Inflammatory Bowel Disease.. *Advances in Experimental Medicine and Biology*, **2022**, 1365, 97-112	3.6	0
454	Overview: Themes in Innate Lymphoid Cell Biology.. *Advances in Experimental Medicine and Biology*, **2022**, 1365, 1-6	3.6	
453	Two-faced behavior of microglia in Alzheimer's disease. *Nature Neuroscience*, **2021**,	25.5	2
452	TREM2 modulates differential deposition of modified and non-modified A species in extracellular plaques and intraneuronal deposits. *Acta Neuropathologica Communications*, **2021**, 9, 168	7.3	2
451	Single-cell analyses of Crohn's disease tissues reveal intestinal intraepithelial T cells heterogeneity and altered subset distributions. *Nature Communications*, **2021**, 12, 1921	17.4	13
450	P2Y receptor antagonism resolves sialadenitis and improves salivary flow in a Sjgren's syndrome mouse model. *Archives of Oral Biology*, **2021**, 124, 105067	2.8	0
449	TREM2 is a receptor for non-glycosylated mycolic acids of mycobacteria that limits anti-mycobacterial macrophage activation. *Nature Communications*, **2021**, 12, 2299	17.4	6
448	A T-cell Imprint in a Rare Skin Tumor. *Cancer Immunology Research*, **2021**, 9, 600	12.5	0
447	Skull and vertebral bone marrow are myeloid cell reservoirs for the meninges and CNS parenchyma. *Science*, **2021**, 373,	33.3	68
446	Multi-tissue single-cell analysis deconstructs the complex programs of mouse natural killer and type 1 innate lymphoid cells in tissues and circulation. *Immunity*, **2021**, 54, 1320-1337.e4	32.3	25
445	Turning enemies into allies-reprogramming tumor-associated macrophages for cancer therapy. *Med* , **2021**, 2, 666-681	31.7	6
444	Spatial distribution of LTi-like cells in intestinal mucosa regulates type 3 innate immunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
443	Activated microglia mitigate A associated tau seeding and spreading. *Journal of Experimental Medicine*, **2021**, 218,	16.6	13

442	Heterogeneity of meningeal B cells reveals a lymphopoietic niche at the CNS borders. *Science*, **2021**, 373,	33.3	67
441	Hypoxia and HIF-1 as key regulators of gut microbiota and host interactions. *Trends in Immunology*, **2021**, 42, 604-621	14.4	7
440	Comprehensive Profiling of an Aging Immune System Reveals Clonal GZMK CD8 T Cells as Conserved Hallmark of Inflammaging. *Immunity*, **2021**, 54, 99-115.e12	32.3	57
439	Altered ratio of dendritic cell subsets in skin-draining lymph nodes promotes Th2-driven contact hypersensitivity. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	2
438	Gut CD4 T cell phenotypes are a continuum molded by microbes, not by T archetypes. *Nature Immunology*, **2021**, 22, 216-228	19.1	34
437	TREM2 sustains macrophage-hepatocyte metabolic coordination in nonalcoholic fatty liver disease and sepsis. *Journal of Clinical Investigation*, **2021**, 131,	15.9	20
436	Dysregulation of the Leukocyte Signaling Landscape during Acute COVID-19 **2021**,		1
435	Microglia control small vessel calcification via TREM2. *Science Advances*, **2021**, 7,	14.3	6
434	Killing the Invaders: NK Cell Impact in Tumors and Anti-Tumor Therapy. *Cancers*, **2021**, 13,	6.6	8
433	Type I interferon mediated induction of somatostatin leads to suppression of ghrelin and appetite thereby promoting viral immunity in mice. *Brain, Behavior, and Immunity*, **2021**, 95, 429-443	16.6	0
432	Microglia in Alzheimer's disease at single-cell level. Are there common patterns in humans and mice?. *Journal of Experimental Medicine*, **2021**, 218,	16.6	13
431	Differential usage of transcriptional repressor Zeb2 enhancers distinguishes adult and embryonic hematopoiesis. *Immunity*, **2021**, 54, 1417-1432.e7	32.3	4
430	The Fibronectin-ILT3 Interaction Functions as a Stromal Checkpoint that Suppresses Myeloid Cells. *Cancer Immunology Research*, **2021**, 9, 1283-1297	12.5	4
429	Microglia esprit de corps: Sharing the burden of eliminating toxic aggregates. *Cell*, **2021**, 184, 5082-5084	56.2	
428	Prior activation state shapes the microglia response to antihuman TREM2 in a mouse model of Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	16
427	Profiling senescent cells in human brains reveals neurons with CDKN2D/p19 and tau neuropathology.. *Nature Aging*, **2021**, 1, 1107-1116		4
426	Hobit confers tissue-dependent programs to type 1 innate lymphoid cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
425	Combined Prebiotic and Microbial Intervention Improves Oral Cholera Vaccination Responses in a Mouse Model of Childhood Undernutrition. *Cell Host and Microbe*, **2020**, 27, 899-908.e5	23.4	19

424	STING Gain-of-Function Disrupts Lymph Node Organogenesis and Innate Lymphoid Cell Development in Mice. *Cell Reports*, **2020**, 31, 107771	10.6	8
423	Leukemia Inhibitory Factor Inhibits Plasmacytoid Dendritic Cell Function and Development. *Journal of Immunology*, **2020**, 204, 2257-2268	5.3	3
422	Group 2 Innate Lymphoid Cells Must Partner with the Myeloid-Macrophage Lineage for Long-Term Postviral Lung Disease. *Journal of Immunology*, **2020**, 205, 1084-1101	5.3	5
421	ImmGen at 15. *Nature Immunology*, **2020**, 21, 700-703	19.1	20
420	Group 2 Innate Lymphoid Cells Induce Antibody Production in Gastric Tissue. *Trends in Immunology*, **2020**, 41, 643-645	14.4	0
419	Blood natural killer cell deficiency reveals an immunotherapy strategy for atopic dermatitis. *Science Translational Medicine*, **2020**, 12,	17.5	27
418	Human and mouse single-nucleus transcriptomics reveal TREM2-dependent and TREM2-independent cellular responses in Alzheimer's disease. *Nature Medicine*, **2020**, 26, 131-142	50.5	259
417	Impact of TREM2R47H variant on tau pathology-induced gliosis and neurodegeneration. *Journal of Clinical Investigation*, **2020**, 130, 4954-4968	15.9	59
416	Peripheral nerve resident macrophages share tissue-specific programming and features of activated microglia. *Nature Communications*, **2020**, 11, 2552	17.4	38
415	ILC2s are the predominant source of intestinal ILC-derived IL-10. *Journal of Experimental Medicine*, **2020**, 217,	16.6	53
414	IL-22 is required for the induction of bronchus-associated lymphoid tissue in tolerant lung allografts. *American Journal of Transplantation*, **2020**, 20, 1251-1261	8.7	8
413	Brain Parenchymal and Extraparenchymal Macrophages in Development, Homeostasis, and Disease. *Journal of Immunology*, **2020**, 204, 294-305	5.3	15
412	Neuroinflammation and neurodegeneration in human brain at single-cell resolution. *Nature Reviews Immunology*, **2020**, 20, 81-82	36.5	17
411	Sense and immuno-sensibility: innate lymphoid cell niches and circuits. *Current Opinion in Immunology*, **2020**, 62, 9-14	7.8	2
410	Negative feedback control of neuronal activity by microglia. *Nature*, **2020**, 586, 417-423	50.4	179
409	The Intestinal Microbiome Restricts Alphavirus Infection and Dissemination through a Bile Acid-Type I IFN Signaling Axis. *Cell*, **2020**, 182, 901-918.e18	56.2	42
408	Interferon responses in viral pneumonias. *Science*, **2020**, 369, 626-627	33.3	19
407	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. *Cell*, **2020**, 182, 886-900.e17	56.2	95

406	Keeping time in group 3 innate lymphoid cells. *Nature Reviews Immunology*, **2020**, 20, 720-726	36.5	4
405	Acetate coordinates neutrophil and ILC3 responses against C. difficile through FFAR2. *Journal of Experimental Medicine*, **2020**, 217,	16.6	63
404	Anti-human TREM2 induces microglia proliferation and reduces pathology in an Alzheimer's disease model. *Journal of Experimental Medicine*, **2020**, 217,	16.6	81
403	Insulin-Like Growth Factors Are Key Regulators of T Helper 17 Regulatory T Cell Balance in Autoimmunity. *Immunity*, **2020**, 52, 650-667.e10	32.3	29
402	Exploiting NK Cell Surveillance Pathways for Cancer Therapy. *Cancers*, **2019**, 11,	6.6	23
401	Circadian rhythm-dependent and circadian rhythm-independent impacts of the molecular clock on type 3 innate lymphoid cells. *Science Immunology*, **2019**, 4,	28	43
400	IL-33/regulatory T cell axis triggers the development of a tumor-promoting immune environment in chronic inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 2646-2651	11.5	36
399	Subsets of ILC3-ILC1-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. *Nature Immunology*, **2019**, 20, 980-991	19.1	88
398	TREM2 function impedes tau seeding in neuritic plaques. *Nature Neuroscience*, **2019**, 22, 1217-1222	25.5	92
397	The Natural Cytotoxicity Receptors in Health and Disease. *Frontiers in Immunology*, **2019**, 10, 909	8.4	127
396	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. *Nature*, **2019** , 570, 528-532	50.4	97
395	Aminophospholipids are signal-transducing TREM2 ligands on apoptotic cells. *Scientific Reports*, **2019**, 9, 7508	4.9	30
394	Innate Lymphoid Cells in Mucosal Immunity. *Frontiers in Immunology*, **2019**, 10, 861	8.4	97
393	Fifty Shades of Microglia. *Trends in Neurosciences*, **2019**, 42, 440-443	13.3	6
392	Suppression of ILC2 differentiation from committed T cell precursors by E protein transcription factors. *Journal of Experimental Medicine*, **2019**, 216, 884-899	16.6	21
391	Innate lymphoid cells: A potential link between microbiota and immune responses against cancer. *Seminars in Immunology*, **2019**, 41, 101271	10.7	10
390	Circadian clock protein Rev-erbα regulates neuroinflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 5102-5107	11.5	73
389	Microglia in Alzheimer's disease: A target for immunotherapy. *Journal of Leukocyte Biology*, **2019**, 106, 219-227	6.5	40

388	CRTAM Protects Against Intestinal Dysbiosis During Pathogenic Parasitic Infection by Enabling Th17 Maturation. *Frontiers in Immunology*, **2019**, 10, 1423	8.4	3
387	MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. *Immunity*, **2019**, 51, 479-490.e6	32.3	22
386	TREM1 Blockade: Killing Two Birds with One Stone. *Trends in Immunology*, **2019**, 40, 781-783	14.4	3
385	TREM2 Acts Downstream of CD33 in Modulating Microglial Pathology in Alzheimer's Disease. *Neuron*, **2019**, 103, 820-835.e7	13.9	109
384	ILC3s integrate glycolysis and mitochondrial production of reactive oxygen species to fulfill activation demands. *Journal of Experimental Medicine*, **2019**, 216, 2231-2241	16.6	38
383	TREM1/3 Deficiency Impairs Tissue Repair After Acute Kidney Injury and Mitochondrial Metabolic Flexibility in Tubular Epithelial Cells. *Frontiers in Immunology*, **2019**, 10, 1469	8.4	8
382	DC-SCRIPT deficiency delays mouse mammary gland development and branching morphogenesis. *Developmental Biology*, **2019**, 455, 42-50	3.1	3
381	Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. *Cell*, **2019**, 178, 686-698.e14	56.2	291
380	Mucosal infection rewires TNF? signaling dynamics to skew susceptibility to recurrence. *ELife*, **2019**, 8,	8.9	13
379	infection drives conversion of NK cells into ILC1-like cells. *ELife*, **2019**, 8,	8.9	50
378	Author response: Toxoplasma gondii infection drives conversion of NK cells into ILC1-like cells **2019** ,		3
377	Gene Regulatory Programs Conferring Phenotypic Identities to Human NK Cells. *Cell*, **2019**, 176, 348-360.e12	56.2	67
376	Nuclear receptor ligands induce TREM-1 expression on dendritic cells: analysis of their role in tumors. *OncoImmunology*, **2019**, 8, 1554967	7.2	7
375	Innate lymphoid cell sensing of tissue vitality. *Current Opinion in Immunology*, **2019**, 56, 82-93	7.8	11
374	The CNS Immune-Privilege Goes Down the Drain(age). *Trends in Pharmacological Sciences*, **2019**, 40, 1-3	13.2	11
373	TREM2 triggers microglial density and age-related neuronal loss. *Glia*, **2019**, 67, 539-550	9	41
372	Chemical sensing in development and function of intestinal lymphocytes. *Current Opinion in Immunology*, **2018**, 50, 112-116	7.8	7
371	ApoE facilitates the microglial response to amyloid plaque pathology. *Journal of Experimental Medicine*, **2018**, 215, 1047-1058	16.6	115

370	Mechanisms of Action and Clinical Development of Elotuzumab. *Clinical and Translational Science*, **2018**, 11, 261-266	4.9	11
369	Immune Training Unlocks Innate Potential. *Cell*, **2018**, 172, 3-5	56.2	21
368	Is There Natural Killer Cell Memory and Can It Be Harnessed by Vaccination? Vaccination Strategies Based on NK Cell and ILC Memory. *Cold Spring Harbor Perspectives in Biology*, **2018**, 10,	10.2	7
367	Natural Killer Cells Control Tumor Growth by Sensing a Growth Factor. *Cell*, **2018**, 172, 534-548.e19	56.2	136
366	Humanized TREM2 mice reveal microglia-intrinsic and -extrinsic effects of R47H polymorphism. *Journal of Experimental Medicine*, **2018**, 215, 745-760	16.6	120
365	Behavioral and transcriptomic analysis of Trem2-null mice: not all knockout mice are created equal. *Human Molecular Genetics*, **2018**, 27, 211-223	5.6	31
364	TREM2-Dependent Effects on Microglia in Alzheimer's Disease. *Frontiers in Aging Neuroscience*, **2018**, 10, 202	5.3	38
363	Innate Lymphoid Cells: 10 Years On. *Cell*, **2018**, 174, 1054-1066	56.2	846
362	LIGHT-HVEM Signaling in Innate Lymphoid Cell Subsets Protects Against Enteric Bacterial Infection. *Cell Host and Microbe*, **2018**, 24, 249-260.e4	23.4	24
361	Leukocyte-Associated Ig-like Receptor 1 Inhibits T1 Responses but Is Required for Natural and Induced Monocyte-Dependent T17 Responses. *Journal of Immunology*, **2018**, 201, 772-781	5.3	10
360	Innate Lymphoid Cells: Diversity, Plasticity, and Unique Functions in Immunity. *Immunity*, **2018**, 48, 1104-1117	31.7	168
359	Human Innate lymphoid cells. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, SY78-2	0	
358	TREM2 - a key player in microglial biology and Alzheimer disease. *Nature Reviews Neurology*, **2018**, 14, 667-675	15	188
357	The identity and function of microglia in neurodegeneration. *Nature Immunology*, **2018**, 19, 1048-1058	19.1	134
356	Introduction: Basic and emerging concepts in ILC biology. *Immunological Reviews*, **2018**, 286, 4-5	11.3	
355	High-affinity interactions and signal transduction between A□oligomers and TREM2. *EMBO Molecular Medicine*, **2018**, 10,	12	49
354	The Trem2 R47H Alzheimer's risk variant impairs splicing and reduces Trem2 mRNA and protein in mice but not in humans. *Molecular Neurodegeneration*, **2018**, 13, 49	19	52
353	The Tumor Necrosis Factor Superfamily Member RANKL Suppresses Effector Cytokine Production in Group 3 Innate Lymphoid Cells. *Immunity*, **2018**, 48, 1208-1219.e4	32.3	54

352	Disease-Associated Microglia: A Universal Immune Sensor of Neurodegeneration. *Cell*, **2018**, 173, 1073-1081	36.1	361
351	AHR signaling in the development and function of intestinal immune cells and beyond. *Seminars in Immunopathology*, **2018**, 40, 371-377	12	17
350	The Microglial Response to Neurodegenerative Disease. *Advances in Immunology*, **2018**, 139, 1-50	5.6	12
349	CD8 T Cells Orchestrate pDC-XCR1 Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. *Immunity*, **2017**, 46, 205-219	32.3	170
348	Microglia Function in the Central Nervous System During Health and Neurodegeneration. *Annual Review of Immunology*, **2017**, 35, 441-468	34.7	730
347	Elucidating the Role of TREM2 in Alzheimer's Disease. *Neuron*, **2017**, 94, 237-248	13.9	171
346	Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. *Nature Medicine*, **2017**, 23, 128-135	50.5	53
345	A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. *Cell*, **2017**, 169, 1276-1290.e17	56.2	1758
344	Expression of CD226 is associated to but not required for NK cell education. *Nature Communications*, **2017**, 8, 15627	17.4	31
343	IL-15 sustains IL-7R-independent ILC2 and ILC3 development. *Nature Communications*, **2017**, 8, 14601	17.4	70
342	TREM2 deficiency attenuates neuroinflammation and protects against neurodegeneration in a mouse model of tauopathy. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 11524-11529	11.5	197
341	Tailoring Natural Killer cell immunotherapy to the tumour microenvironment. *Seminars in Immunology*, **2017**, 31, 30-36	10.7	23
340	SMAD4 impedes the conversion of NK cells into ILC1-like cells by curtailing non-canonical TGF- signaling. *Nature Immunology*, **2017**, 18, 995-1003	19.1	182
339	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. *Cell*, **2017**, 170, 649-663.e13	56.2	441
338	induces gut intraepithelial CD4CD8 T cells. *Science*, **2017**, 357, 806-810	33.3	300
337	Lymphocytes Negatively Regulate NK Cell Activity via Qa-1b following Viral Infection. *Cell Reports*, **2017**, 21, 2528-2540	10.6	17
336	Immune evasion of Plasmodium falciparum by RIFIN via inhibitory receptors. *Nature*, **2017**, 552, 101-105	50.4	76
335	Alzheimer's disease-associated TREM2 variants exhibit either decreased or increased ligand-dependent activation. *Alzheimer's and Dementia*, **2017**, 13, 381-387	1.2	110

334	Two Distinct Myeloid Subsets at the Term Human Fetal-Maternal Interface. *Frontiers in Immunology*, **2017**, 8, 1357	8.4	9
333	The Transcription Factor AP4 Mediates Resolution of Chronic Viral Infection through Amplification of Germinal Center B Cell Responses. *Immunity*, **2016**, 45, 570-582	32.3	57
332	MHC II+ resident peritoneal and pleural macrophages rely on IRF4 for development from circulating monocytes. *Journal of Experimental Medicine*, **2016**, 213, 1951-9	16.6	77
331	Microbially cleaved immunoglobulins are sensed by the innate immune receptor LILRA2. *Nature Microbiology*, **2016**, 1, 16054	26.6	27
330	Immune modules shared by innate lymphoid cells and T□cells. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 1243-1251	11.5	47
329	Metabolic Reprogramming Mediated by the mTORC2-IRF4 Signaling Axis Is Essential for Macrophage Alternative Activation. *Immunity*, **2016**, 45, 817-830	32.3	297
328	Innate lymphoid cell function in the context of adaptive immunity. *Nature Immunology*, **2016**, 17, 783-9	19.1	75
327	IMMUNOLOGY. Converting to adapt. *Science*, **2016**, 352, 1515-6	33.3	1
326	Type I IFNs Regulate Inflammation, Vasculopathy, and Fibrosis in Chronic Cutaneous Graft-versus-Host Disease. *Journal of Immunology*, **2016**, 197, 42-50	5.3	24
325	Suppression of Metastases Using a New Lymphocyte Checkpoint Target for Cancer Immunotherapy. *Cancer Discovery*, **2016**, 6, 446-59	24.4	147
324	TREM2 variants: new keys to decipher Alzheimer disease pathogenesis. *Nature Reviews Neuroscience*, **2016**, 17, 201-7	13.5	220
323	A mucosal imprint left by prior Escherichia coli bladder infection sensitizes to recurrent disease. *Nature Microbiology*, **2016**, 2, 16196	26.6	41
322	CCR7 and IRF4-dependent dendritic cells regulate lymphatic collecting vessel permeability. *Journal of Clinical Investigation*, **2016**, 126, 1581-91	15.9	53
321	Neurodegenerative disease mutations in TREM2 reveal a functional surface and distinct loss-of-function mechanisms. *ELife*, **2016**, 5,	8.9	100
320	Triggering Receptor Expressed on Myeloid Cells (TREM)-2 Impairs Host Defense in Experimental Melioidosis. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004747	4.8	9
319	Diversity and function of group 1 innate lymphoid cells. *Immunology Letters*, **2016**, 179, 19-24	4.1	65
318	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. *Neuron*, **2016**, 90, 724-39	13.9	304
317	TREM-1-accentuated lung injury via miR-155 is inhibited by LP17 nanomedicine. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 310, L426-38	5.8	43

316	TREM2-mediated early microglial response limits diffusion and toxicity of amyloid plaques. *Journal of Experimental Medicine*, **2016**, 213, 667-75	16.6	367
315	Expression profiling of constitutive mast cells reveals a unique identity within the immune system. *Nature Immunology*, **2016**, 17, 878-87	19.1	195
314	Distinct Gene Regulatory Pathways for Human Innate versus Adaptive Lymphoid Cells. *Cell*, **2016**, 165, 1134-1146	56.2	108
313	Transforming Growth Factor-Signaling Guides the Differentiation of Innate Lymphoid Cells in Salivary Glands. *Immunity*, **2016**, 44, 1127-39	32.3	153
312	Indoleamine 2,3-Dioxygenase-Expressing Aortic Plasmacytoid Dendritic Cells Protect against Atherosclerosis by Induction of Regulatory T Cells. *Cell Metabolism*, **2016**, 23, 852-66	24.6	58
311	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. *Neuron*, **2016**, 92, 252-264	13.9	100
310	Inflammatory monocytes and NK cells play a crucial role in DNAM-1-dependent control of cytomegalovirus infection. *Journal of Experimental Medicine*, **2016**, 213, 1835-50	16.6	32
309	Targeting innate immunity for neurodegenerative disorders of the central nervous system. *Journal of Neurochemistry*, **2016**, 138, 653-93	6	87
308	Innate lymphoid cells and the MHC. *Hla*, **2016**, 87, 5-11	1.9	20
307	Nonredundant roles of keratinocyte-derived IL-34 and neutrophil-derived CSF1 in Langerhans cell renewal in the steady state and during inflammation. *European Journal of Immunology*, **2016**, 46, 552-9	6.1	39
306	TREM2 lipid sensing sustains the microglial response in an Alzheimer's disease model. *Cell*, **2015**, 160, 1061-71	56.2	847
305	Developing the IVIG biomimetic, hexa-Fc, for drug and vaccine applications. *Scientific Reports*, **2015**, 5, 9526	4.9	29
304	The multifaceted biology of plasmacytoid dendritic cells. *Nature Reviews Immunology*, **2015**, 15, 471-85	36.5	630
303	Role of triggering receptor expressed on myeloid cells-1/3 in Klebsiella-derived pneumosepsis. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 53, 647-55	5.7	11
302	TREM-2 promotes macrophage survival and lung disease after respiratory viral infection. *Journal of Experimental Medicine*, **2015**, 212, 681-97	16.6	101
301	Triggering receptor expressed on myeloid cells-2 is involved in prion-induced microglial activation but does not contribute to prion pathogenesis in mouse brains. *Neurobiology of Aging*, **2015**, 36, 1994-2003	5.6	29
300	Targeting CD226/DNAX accessory molecule-1 (DNAM-1) in collagen-induced arthritis mouse models. *Journal of Inflammation*, **2015**, 12, 9	6.7	12
299	Immunosurveillance and therapy of multiple myeloma are CD226 dependent. *Journal of Clinical Investigation*, **2015**, 125, 2077-89	15.9	69

298	Runx3 specifies lineage commitment of innate lymphoid cells. *Nature Immunology*, **2015**, 16, 1124-33	19.1	110
297	Unique and redundant functions of NKp46+ ILC3s in models of intestinal inflammation. *Journal of Experimental Medicine*, **2015**, 212, 1869-82	16.6	140
296	Aryl hydrocarbon receptor: Linking environment to immunity. *Seminars in Immunology*, **2015**, 27, 310-4	10.7	73
295	DNAM-1 controls NK cell activation via an ITT-like motif. *Journal of Experimental Medicine*, **2015**, 212, 2165-82	16.6	75
294	Regulation of microglial survival and proliferation in health and diseases. *Seminars in Immunology*, **2015**, 27, 410-5	10.7	30
293	DNA damage response impacts macrophage functions. *Blood*, **2015**, 126, 2440-2	2.2	3
292	Incorporation of porcine adenovirus 4 fiber protein enhances infectivity of adenovirus vector on dendritic cells: implications for immune-mediated cancer therapy. *PLoS ONE*, **2015**, 10, e0125851	3.7	6
291	TREM2 sustains microglial expansion during aging and response to demyelination. *Journal of Clinical Investigation*, **2015**, 125, 2161-70	15.9	252
290	Innate lymphoid cells. Innate lymphoid cells: a new paradigm in immunology. *Science*, **2015**, 348, aaa6566	33.3	503
289	OSCAR is a receptor for surfactant protein D that activates TNF- release from human CCR2+ inflammatory monocytes. *Journal of Immunology*, **2015**, 194, 3317-26	5.3	37
288	Innate Lymphoid Cells in Mucosal Homeostasis, Infections, Autoimmune Disorders, and Tumors **2015**, 1003-1012		1
287	The Inhibitory Receptor NKG2A Sustains Virus-Specific CD8+ T Cells in Response to a Lethal Poxvirus Infection. *Immunity*, **2015**, 43, 1112-24	32.3	51
286	Innate lymphoid cells: new insights into function and development. *Current Opinion in Immunology*, **2015**, 32, 71-7	7.8	82
285	Transcriptional programs define molecular characteristics of innate lymphoid cell classes and subsets. *Nature Immunology*, **2015**, 16, 306-17	19.1	439
284	IL-34 mediates acute kidney injury and worsens subsequent chronic kidney disease. *Journal of Clinical Investigation*, **2015**, 125, 3198-214	15.9	80
283	Phenotypic complementation of genetic immunodeficiency by chronic herpesvirus infection. *ELife*, **2015**, 4,	8.9	54
282	Triggering receptor expressed on myeloid cells-1 (TREM-1) improves host defence in pneumococcal pneumonia. *Journal of Pathology*, **2014**, 233, 357-67	9.4	37
281	The receptors CD96 and CD226 oppose each other in the regulation of natural killer cell functions. *Nature Immunology*, **2014**, 15, 431-8	19.1	285

280	Cutting edge: Salivary gland NK cells develop independently of Nfil3 in steady-state. *Journal of Immunology*, **2014**, 192, 4487-91	5.3	124
279	L-Myc expression by dendritic cells is required for optimal T-cell priming. *Nature*, **2014**, 507, 243-7	50.4	58
278	Embryonic and adult-derived resident cardiac macrophages are maintained through distinct mechanisms at steady state and during inflammation. *Immunity*, **2014**, 40, 91-104	32.3	825
277	Cytosolic double-stranded RNA activates the NLRP3 inflammasome via MAVS-induced membrane permeabilization and K+ efflux. *Journal of Immunology*, **2014**, 193, 4214-4222	5.3	100
276	RNA exosomes keep endogenous RNA under the radar. *Nature Immunology*, **2014**, 15, 830-1	19.1	2
275	GI motility: microbiota and macrophages join forces. *Cell*, **2014**, 158, 239-240	56.2	11
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