Richard A Flavell

List of Publications by Year
in descending order

321 papers	58,809 citations	1612 108 h-index	1256 232 g-index
346 all docs	346 docs citations	346 times ranked	74091 citing authors

#	Article	IF	Citations
1	CD4 T cell-intrinsic STING signaling controls the differentiation and effector functions of T_H1 and T_H9 cells. , 2022, 10, e003459.		21
2	CD116+ fetal precursors migrate to the perinatal lung and give rise to human alveolar macrophages. Journal of Experimental Medicine, 2022, 219, .	4.2	23
3	m6A modifications regulate intestinal immunity and rotavirus infection. ELife, 2022, 11, .	2.8	27
4	Zero-preserving imputation of single-cell RNA-seq data. Nature Communications, 2022, 13, 192.	5.8	93
5	Development of Humanized Mouse Models for Studying Human NK Cells in Health and Disease. Methods in Molecular Biology, 2022, 2463, 53-66.	0.4	8
6	An IL-9â€“pulmonary macrophage axis defines the allergic lung inflammatory environment. Science Immunology, 2022, 7, eabi9768.	5.6	29
7	Allergic airway recall responses require IL-9 from resident memory CD4 ⁺ T cells. Science Immunology, 2022, 7, eabg9296.	5.6	22
8	In vivo anti-tumor effect of PARP inhibition in IDH1/2 mutant MDS/AML resistant to targeted inhibitors of mutant IDH1/2. Leukemia, 2022, 36, 1313-1323.	3.3	11
9	m ⁶ A mRNA modification maintains colonic epithelial cell homeostasis via NF-ÎºBâ€“mediated antiapoptotic pathway. Science Advances, 2022, 8, eabl5723.	4.7	31
10	CD4+ T-cell-derived IL-10 promotes CNS inflammation in mice by sustaining effector TÂcell survival. Cell Reports, 2022, 38, 110565.	2.9	14
11	A humanized mouse model of chronic COVID-19. Nature Biotechnology, 2022, 40, 906-920.	9.4	71
12	Th17 cell plasticity towards a T-bet-dependent Th1 phenotype is required for bacterial control in Staphylococcus aureus infection. PLoS Pathogens, 2022, 18, e1010430.	2.1	12
13	Transcriptional profiling of macrophages in situ in metastatic melanoma reveals localization-dependent phenotypes and function. Cell Reports Medicine, 2022, 3, 100621.	3.3	15
14	GSK3Î² mediates the spatiotemporal dynamics of NLRP3 inflammasome activation. Cell Death and Differentiation, 2022, 29, 2060-2069.	5.0	17
15	Inflammasome activation in infected macrophages drives COVID-19 pathology. Nature, 2022, 606, 585-593.	13.7	276
16	Inhibition of type 1 immunity with tofacitinib is associated with marked improvement in longstanding sarcoidosis. Nature Communications, 2022, 13, .	5.8	39
17	Mouse pulmonary interstitial macrophages mediate the pro-tumorigenic effects of IL-9. Nature Communications, 2022, 13, .	5.8	11
18	IL-4â€“BATF signaling directly modulates IL-9 producing mucosal mast cell (MMC9) function in experimental food allergy. Journal of Allergy and Clinical Immunology, 2021, 147, 280-295.	1.5	23

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19	Treatment of granuloma annulare and suppression of proinflammatory cytokine activity with tofacitinib. Journal of Allergy and Clinical Immunology, 2021, 147, 1795-1809.	1.5	39
20	The emerging role of Janus kinase inhibitors in the treatment of autoimmune and inflammatory diseases. Journal of Allergy and Clinical Immunology, 2021, 147, 814-826.	1.5	70
21	An in vivo screen of noncoding loci reveals that Daedalus is a gatekeeper of an Ikaros-dependent checkpoint during haematopoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	2
22	Role of MBD3-SOX2 axis in residual myeloma following pomalidomide. Leukemia, 2021, 35, 3319-3323.	3.3	4
23	Skin-resident innate lymphoid cells converge on a pathogenic effector state. Nature, 2021, 592, 128-132.	13.7	119
24	Potential intestinal infection and faecalâ€“oral transmission of SARS-CoV-2. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 269-283.	8.2	223
25	MAP3K2-regulated intestinal stromal cells define a distinct stem cell niche. Nature, 2021, 592, 606-610.	13.7	53
26	Presynaptic Kv3 channels are required for fast and slow endocytosis of synaptic vesicles. Neuron, 2021, 109, 938-946.e5.	3.8	16
27	Cerebellar Kv3.3 potassium channels activate TANK-binding kinase 1 to regulate trafficking of the cell survival protein Hax-1. Nature Communications, 2021, 12, 1731.	5.8	12
28	Combined liverâ€“cytokine humanization comes to the rescue of circulating human red blood cells. Science, 2021, 371, 1019-1025.	6.0	20
29	Pooled CRISPR screening identifies m ⁶ A as a positive regulator of macrophage activation. Science Advances, 2021, 7, .	4.7	102
30	JUN Amino-Terminal Kinase 1 Signaling in the Proximal Tubule Causes Cell Death and Acute Renal Failure in Rat and Mouse Models of Renal Ischemia/Reperfusion Injury. American Journal of Pathology, 2021, 191, 817-828.	1.9	12
31	Detection of differentially abundant cell subpopulations in scRNA-seq data. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	81
32	Modulating HIV-1 envelope glycoprotein conformation to decrease the HIV-1 reservoir. Cell Host and Microbe, 2021, 29, 904-916.e6.	5.1	29
33	m ⁶ A demethylase ALKBH5 controls CD4 ⁺ T cell pathogenicity and promotes autoimmunity. Science Advances, 2021, 7, .	4.7	92
34	Reply to: Rectally shed SARS-CoV-2 lacks infectivity: time to rethink faecalâ€“oral transmission?. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 669-670.	8.2	6
35	Enoxacin Upâ€Regulates MicroRNA Biogenesis and Downâ€Regulates Cytotoxic CD8 Tâ€Cell Function in Autoimmune Cholangitis. Hepatology, 2021, 74, 835-846.	3.6	11
36	METTL3-mediated m6A RNA methylation promotes the anti-tumour immunity of natural killer cells. Nature Communications, 2021, 12, 5522.	5.8	96

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37	The RNA helicase Dhx15 mediates Wnt-induced antimicrobial protein expression in Paneth cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
38	Immunoglobulin A Targets a Unique Subset of the Microbiota in Inflammatory Bowel Disease. Cell Host and Microbe, 2021, 29, 83-93.e3.	5.1	53
39	Phase separation drives RNA virus-induced activation of the NLRP6 inflammasome. Cell, 2021, 184, 5759-5774.e20.	13.5	97
40	IL-17 Receptor C Signaling Controls CD4+ TH17 Immune Responses and Tissue Injury in Immune-Mediated Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2021, 32, 3081-3098.	3.0	14
41	Interleukin-10 improves stroke outcome by controlling the detrimental Interleukin-17A response. Journal of Neuroinflammation, 2021, 18, 265.	3.1	26
42	Compromised Host Stem Cell Competitiveness Affords Fanconi Stem Cell Engraftment in C-Kit Mutant Humanized Mice. Blood, 2021, 138, 1119-1119.	0.6	0
43	ALKBH5 Modulates Hematopoietic Stem and Progenitor Cell Energy Metabolism through m 6a Modification-Mediated RNA Stability. Blood, 2021, 138, 298-298.	0.6	0
44	m6A mRNA methylation-directed myeloid cell activation controls progression of NAFLD and obesity. Cell Reports, 2021, 37, 109968.	2.9	53
45	IL-27 signalling promotes adipocyte thermogenesis and energy expenditure. Nature, 2021, 600, 314-318.	13.7	70
46	Enteric Nervous System-Derived IL-18 Orchestrates Mucosal Barrier Immunity. Cell, 2020, 180, 50-63.e12.	13.5	120
47	Vibrational Optical Coherence Tomography Detects Unique Skin Fibrotic States: Preliminary Results of Animal and Human Studies. Journal of the American Academy of Dermatology, 2020, 85, 780-782.	0.6	2
48	Macrophage scavenger receptor 1 controls Chikungunya virus infection through autophagy in mice. Communications Biology, 2020, 3, 556.	2.0	18
49	CFTR is a negative regulator of Î³Î´ T cell IFN-Î³ production and antitumor immunity. Cellular and Molecular Immunology, 2020, 18, 1934-1944.	4.8	5
50	Metabolic signaling in T cells. Cell Research, 2020, 30, 649-659.	5.7	186
51	Sulfamethoxazole drug stress upregulates antioxidant immunomodulatory metabolites in Escherichia coli. Nature Microbiology, 2020, 5, 1319-1329.	5.9	19
52	Tissue-resident memory T cell reactivation by diverse antigen-presenting cells imparts distinct functional responses. Journal of Experimental Medicine, 2020, 217, .	4.2	84
53	NK cell receptor NKG2D enforces proinflammatory features and pathogenicity of Th1 and Th17 cells. Journal of Experimental Medicine, 2020, 217, .	4.2	25
54	A special collection of reviews on frontiers in immunology. Cell Research, 2020, 30, 827-828.	5.7	0

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55	Deubiquitination of NLRP6 inflammasome by Cyld critically regulates intestinal inflammation. Nature Immunology, 2020, 21, 626-635.	7.0	61
56	m6A Modification Prevents Formation of Endogenous Double-Stranded RNAs and Deleterious Innate Immune Responses during Hematopoietic Development. Immunity, 2020, 52, 1007-1021.e8.	6.6	99
57	IL-18BP is a secreted immune checkpoint and barrier to IL-18 immunotherapy. Nature, 2020, 583, 609-614.	13.7	195
58	Enhanced engraftment of human myelofibrosis stem and progenitor cells in MISTRG mice. Blood Advances, 2020, 4, 2477-2488.	2.5	15
59	Toll-Like Receptors Induce Signal-Specific Reprogramming of the Macrophage Lipidome. Cell Metabolism, 2020, 32, 128-143.e5.	7.2	78
60	miR-181a Modulation of ERK-MAPK Signaling Sustains DC-SIGN Expression and Limits Activation of Monocyte-Derived Dendritic Cells. Cell Reports, 2020, 30, 3793-3805.e5.	2.9	14
61	mRNA destabilization by BTG1 and BTG2 maintains T cell quiescence. Science, 2020, 367, 1255-1260.	6.0	122
62	The induction and function of the anti-inflammatory fate of TH17 cells. Nature Communications, 2020, 11, 3334.	5.8	27
63	IL22BP Mediates the Antitumor Effects of Lymphotoxin Against Colorectal Tumors in Mice and Humans. Gastroenterology, 2020, 159, 1417-1430.e3.	0.6	31
64	Bacterial Autoimmune Drug Metabolism Transforms an Immunomodulator into Structurally and Functionally Divergent Antibiotics. Angewandte Chemie, 2020, 132, 7945-7954.	1.6	3
65	Bacterial Autoimmune Drug Metabolism Transforms an Immunomodulator into Structurally and Functionally Divergent Antibiotics. Angewandte Chemie - International Edition, 2020, 59, 7871-7880.	7.2	12
66	Characterization of Autoinducer-3 Structure and Biosynthesis in E. coli. ACS Central Science, 2020, 6, 197-206.	5.3	85
67	Roles of mTORC1 and mTORC2 in controlling Î³Î´T1 and Î³Î´T17 differentiation and function. Cell Death and Differentiation, 2020, 27, 2248-2262.	5.0	27
68	Paracrine orchestration of intestinal tumorigenesis by a mesenchymal niche. Nature, 2020, 580, 524-529.	13.7	183
69	TGF-Î² signaling in Th17 cells promotes IL-22 production and colitis-associated colon cancer. Nature Communications, 2020, 11, 2608.	5.8	90
70	Expression Efficiency of MultipleIl9Reporter Alleles Is Determined by Cell Lineage. ImmunoHorizons, 2020, 4, 282-291.	0.8	3
71	Reconstruction of Sickle Cell Disease with Circulating Sickling Red Blood Cells in Novel Humanized Cytokines and Liver Mistrg Mice. Blood, 2020, 136, 29-30.	0.6	0
72	Transmissible inflammation-induced colorectal cancer in inflammasome-deficient mice. OncoImmunology, 2019, 8, e981995.	2.1	1

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73	HER2 joins AKT to inhibit STING immunity. Nature Cell Biology, 2019, 21, 917-918.	4.6	5
74	Effector TH17 Cells Give Rise to Long-Lived TRM Cells that Are Essential for an Immediate Response against Bacterial Infection. Cell, 2019, 178, 1176-1188.e15.	13.5	111
75	The Firre locus produces a trans-acting RNA molecule that functions in hematopoiesis. Nature Communications, 2019, 10, 5137.	5.8	60
76	Mechanosensation of cyclical force by PIEZO1 is essential for innate immunity. Nature, 2019, 573, 69-74.	13.7	329
77	hnRNPA2B1: a nuclear DNA sensor in antiviral immunity. Cell Research, 2019, 29, 879-880.	5.7	11
78	A highly efficient and faithful MDS patient-derived xenotransplantation model for pre-clinical studies. Nature Communications, 2019, 10, 366.	5.8	60
79	Subsets of ILC3âˆ’ILC1-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. Nature Immunology, 2019, 20, 980-991.	7.0	141
80	Distinct modes of mitochondrial metabolism uncouple T cell differentiation and function. Nature, 2019, 571, 403-407.	13.7	156
81	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. Science, 2019, 363, 993-998.	6.0	51
82	miRâ€181a/b downregulation exerts a protective action on mitochondrial disease models. EMBO Molecular Medicine, 2019, 11, .	3.3	58
83	Membrane-cytoskeletal crosstalk mediated by myosin-I regulates adhesion turnover during phagocytosis. Nature Communications, 2019, 10, 1249.	5.8	64
84	Immunity, microbiota and kidney disease. Nature Reviews Nephrology, 2019, 15, 263-274.	4.1	80
85	Antiviral immunity: a link to bile acids. Cell Research, 2019, 29, 177-178.	5.7	4
86	PARP Inhibitors Are Effective in IDH1/2 Mutant MDS and AML Resistant to Targeted IDH Inhibitors. Blood, 2019, 134, 4222-4222.	0.6	3
87	Loss of METTL3 Mediated m6A RNA Modification Results in Double-Stranded RNA Induced Innate Immune Response and Hematopoietic Failure. Blood, 2019, 134, 450-450.	0.6	0
88	In Vivo reconstruction of Human Erythropoiesis with Circulating Mature Human RBCs in Humanized Liver Mistrg Mice. Blood, 2019, 134, 338-338.	0.6	0
89	KLRG1+ Effector CD8+ T Cells Lose KLRG1, Differentiate into All Memory T Cell Lineages, and Convey Enhanced Protective Immunity. Immunity, 2018, 48, 716-729.e8.	6.6	300
90	Circuit Design Features of a Stable Two-Cell System. Cell, 2018, 172, 744-757.e17.	13.5	276

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91	Intestinal IFN-Î³â€“producing type 1 regulatory T cells coexpress CCR5 and programmed cell death protein 1 and downregulate IL-10 in the inflamed guts of patients with inflammatory bowel disease. Journal of Allergy and Clinical Immunology, 2018, 142, 1537-1547.e8.	1.5	79
92	ZEB1, ZEB2, and the miR-200 family form a counterregulatory network to regulate CD8+ T cell fates. Journal of Experimental Medicine, 2018, 215, 1153-1168.	4.2	106
93	Oxysterol Sensing through the Receptor GPR183 Promotes the Lymphoid-Tissue-Inducing Function of Innate Lymphoid Cells and Colonic Inflammation. Immunity, 2018, 48, 120-132.e8.	6.6	149
94	m6A mRNA methylation sustains Treg suppressive functions. Cell Research, 2018, 28, 253-256.	5.7	243
95	Role of IL-10 Receptor Signaling in the Function of CD4+ T-Regulatory Type 1 cells: T-Cell Therapy in Patients with Inflammatory Bowel Disease. Critical Reviews in Immunology, 2018, 38, 415-431.	1.0	10
96	Colitis Promotes a Pathological Condition of the Liver in the Absence of Foxp3+ Regulatory T Cells. Journal of Immunology, 2018, 201, 3558-3568.	0.4	16
97	Molecular and functional heterogeneity of IL-10-producing CD4+ T cells. Nature Communications, 2018, 9, 5457.	5.8	93
98	Microbiota-driven interleukin-17-producing cells and eosinophils synergize to accelerate multiple myeloma progression. Nature Communications, 2018, 9, 4832.	5.8	144
99	The translation of non-canonical open reading frames controls mucosal immunity. Nature, 2018, 564, 434-438.	13.7	159
100	cGAS activation in phased droplets. Cell Research, 2018, 28, 967-968.	5.7	4
101	NLRP1 restricts butyrate producing commensals to exacerbate inflammatory bowel disease. Nature Communications, 2018, 9, 3728.	5.8	81
102	Despite high levels of expression in thymic epithelial cells, miR-181a1 and miR-181b1 are not required for thymic development. PLoS ONE, 2018, 13, e0198871.	1.1	3
103	RNA m6A modification and its function in diseases. Frontiers of Medicine, 2018, 12, 481-489.	1.5	181
104	IL-10 Receptor Signaling Empowers Regulatory T Cells to Control Th17 Responses and Protect from GN. Journal of the American Society of Nephrology: JASN, 2018, 29, 1825-1837.	3.0	41
105	Antigen-mediated regulation in monoclonal gammopathies and myeloma. JCI Insight, 2018, 3, .	2.3	43
106	Blocking immunoinhibitory receptor LILRB2 reprograms tumor-associated myeloid cells and promotes antitumor immunity. Journal of Clinical Investigation, 2018, 128, 5647-5662.	3.9	143
107	Rotavirus VP3 targets MAVS for degradation to inhibit type III interferon expression in intestinal epithelial cells. ELife, 2018, 7, .	2.8	58
108	The Stromal Intervention: Regulation of Immunity and Inflammation at the Epithelial-Mesenchymal Barrier. Cell, 2017, 168, 362-375.	13.5	168

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109	Divergent Effects of miRâ€181 Family Members on Myocardial Function Through Protective Cytosolic and Detrimental Mitochondrial microRNA Targets. Journal of the American Heart Association, 2017, 6, .	1.6	74
110	A novel humanized mouse model with significant improvement of class-switched, antigen-specific antibody production. Blood, 2017, 129, 959-969.	0.6	105
111	Macrophage function in tissue repair and remodeling requires IL-4 or IL-13 with apoptotic cells. Science, 2017, 356, 1072-1076.	6.0	408
112	Microbiota Normalization Reveals that Canonical Caspase-1 Activation Exacerbates Chemically Induced Intestinal Inflammation. Cell Reports, 2017, 19, 2319-2330.	2.9	54
113	Long-term consumption of caffeine-free high sucrose cola beverages aggravates the pathogenesis of EAE in mice. Cell Discovery, 2017, 3, 17020.	3.1	21
114	Nlrp9b inflammasome restricts rotavirus infection in intestinal epithelial cells. Nature, 2017, 546, 667-670.	13.7	279
115	The fate and lifespan of human monocyte subsets in steady state and systemic inflammation. Journal of Experimental Medicine, 2017, 214, 1913-1923.	4.2	725
116	Enhancement of IFNÎ³ Production by Distinct Commensals Ameliorates Salmonella-Induced Disease. Cell Host and Microbe, 2017, 21, 682-694.e5.	5.1	91
117	IL-10 Receptor Signaling Is Essential for TR1 Cell Function In Vivo. Journal of Immunology, 2017, 198, 1130-1141.	0.4	108
118	Distinct Microbial Communities Trigger Colitis Development upon Intestinal Barrier Damage via Innate or Adaptive Immune Cells. Cell Reports, 2017, 21, 994-1008.	2.9	105
119	Humanized mouse model supports development, function, and tissue residency of human natural killer cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9626-E9634.	3.3	138
120	Transcriptional Reprogramming during Effector-to-Memory Transition Renders CD4+ T Cells Permissive for Latent HIV-1 Infection. Immunity, 2017, 47, 766-775.e3.	6.6	160
121	Selective degradation of PU.1 during autophagy represses the differentiation and antitumour activity of TH9 cells. Nature Communications, 2017, 8, 559.	5.8	67
122	Group 1 Innate Lymphoid Cell Lineage Identity Is Determined by a cis-Regulatory Element Marked by a Long Non-coding RNA. Immunity, 2017, 47, 435-449.e8.	6.6	57
123	No Oxygen? No Glucose? No Problem: Fatty Acid Catabolism Enhances Effector CD8+ TILs. Cancer Cell, 2017, 32, 280-281.	7.7	13
124	Intestinal type 1 regulatory T cells migrate to periphery to suppress diabetogenic T cells and prevent diabetes development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10443-10448.	3.3	77
125	A Protein Scaffold Coordinates SRC-Mediated JNK Activation in Response to Metabolic Stress. Cell Reports, 2017, 20, 2775-2783.	2.9	26
126	AIM2 Engages Active but Unprocessed Caspase-1 to Induce Noncanonical Activation of the NLRP3 Inflammasome. Cell Reports, 2017, 20, 794-805.	2.9	64

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127	m6A mRNA methylation controls T cell homeostasis by targeting the IL-7/STAT5/SOCS pathways. Nature, 2017, 548, 338-342.	13.7	668
128	The DNA Methylcytosine Dioxygenase Tet2 Sustains Immunosuppressive Function of Tumor-Infiltrating Myeloid Cells to Promote Melanoma Progression. Immunity, 2017, 47, 284-297.e5.	6.6	115
129	IRF8-dependent molecular complexes control the Th9 transcriptional program. Nature Communications, 2017, 8, 2085.	5.8	43
130	Anti-SIRPÎ± antibody immunotherapy enhances neutrophil and macrophage antitumor activity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10578-E10585.	3.3	223
131	A Protective Function of IL-22BP in Ischemia Reperfusion and Acetaminophen-Induced Liver Injury. Journal of Immunology, 2017, 199, 4078-4090.	0.4	38
132	Interleukin-17A Promotes CD8⁺T Cell Cytotoxicity To Facilitate West Nile Virus Clearance. Journal of Virology, 2017, 91, .	1.5	46
133	Shaping of Intestinal Microbiota in Nlrp6- and Rag2-Deficient Mice Depends on Community Structure. Cell Reports, 2017, 21, 3914-3926.	2.9	77
134	Legionella pneumophila Strain 130b Evades Macrophage Cell Death Independent of the Effector SidF in the Absence of Flagellin. Frontiers in Cellular and Infection Microbiology, 2017, 7, 35.	1.8	18
135	miR-181b regulates vascular stiffness age dependently in part by regulating TGF-Î² signaling. PLoS ONE, 2017, 12, e0174108.	1.1	60
136	T Cell Receptor Mediated Calcium Entry Requires Alternatively Spliced Cav1.1 Channels. PLoS ONE, 2016, 11, e0147379.	1.1	13
137	Hematopoietic Stem Cell Niches Produce Lineage-Instructive Signals to Control Multipotent Progenitor Differentiation. Immunity, 2016, 45, 1219-1231.	6.6	199
138	inv(16) and NPM1mut AMLs engraft human cytokine knock-in mice. Blood, 2016, 128, 2130-2134.	0.6	40
139	Peripheral blood CD34+ cells efficiently engraft human cytokine knock-in mice. Blood, 2016, 128, 1829-1833.	0.6	80
140	The TAM family receptor tyrosine kinase TYRO3 is a negative regulator of type 2 immunity. Science, 2016, 352, 99-103.	6.0	67
141	Recent advances in dynamic m ⁶ A RNA modification. Open Biology, 2016, 6, 160003.	1.5	265
142	Mx1 reveals innate pathways to antiviral resistance and lethal influenza disease. Science, 2016, 352, 463-466.	6.0	210
143	Fibroblasts and myofibroblasts of the intestinal lamina propria in physiology and disease. Differentiation, 2016, 92, 116-131.	1.0	164
144	Microenvironment-dependent growth of preneoplastic and malignant plasma cells in humanized mice. Nature Medicine, 2016, 22, 1351-1357.	15.2	132

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145	TFH cells progressively differentiate to regulate the germinal center response. Nature Immunology, 2016, 17, 1197-1205.	7.0	301
146	The long non-coding RNA Morrbid regulates Bim and short-lived myeloid cell lifespan. Nature, 2016, 537, 239-243.	13.7	234
147	Glioma-induced inhibition of caspase-3 in microglia promotes a tumor-supportive phenotype. Nature Immunology, 2016, 17, 1282-1290.	7.0	76
148	Apoptosis in response to microbial infection induces autoreactive TH17 cells. Nature Immunology, 2016, 17, 1084-1092.	7.0	79
149	PTPN22 inhibition resets defective human central B cell tolerance. Science Immunology, 2016, 1, .	5.6	64
150	The DNA-sensing AIM2 inflammasome controls radiation-induced cell death and tissue injury. Science, 2016, 354, 765-768.	6.0	271
151	A Molecular Chipper technology for CRISPR sgRNA library generation and functional mapping of noncoding regions. Nature Communications, 2016, 7, 11178.	5.8	19
152	TLR8 Couples SOCS-1 and Restrains TLR7-Mediated Antiviral Immunity, Exacerbating West Nile Virus Infection in Mice. Journal of Immunology, 2016, 197, 4425-4435.	0.4	28
153	Microbiome: Ecology of eczema. Nature Microbiology, 2016, 1, 16135.	5.9	7
154	A pathogenic role for T cellâ€“derived IL-22BP in inflammatory bowel disease. Science, 2016, 354, 358-362.	6.0	128
155	Plasticity of Th17 Cells in Autoimmune Kidney Diseases. Journal of Immunology, 2016, 197, 449-457.	0.4	31
156	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. Journal of Experimental Medicine, 2016, 213, 1223-1239.	4.2	163
157	Role of OCT-1 and partner proteins in T cell differentiation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 825-831.	0.9	17
158	The light and the dark sides of Interleukin-10 in immune-mediated diseases and cancer.. Cytokine and Growth Factor Reviews, 2016, 30, 87-93.	3.2	95
159	YY1 inhibits differentiation and function of regulatory T cells by blocking Foxp3 expression and activity. Nature Communications, 2016, 7, 10789.	5.8	61
160	Generation of Genetically Modified Mice Using the CRISPRâ€“Cas9 Genome-Editing System. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot090704.	0.2	68
161	Editing the Mouse Genome Using the CRISPRâ€“Cas9 System. Cold Spring Harbor Protocols, 2016, 2016, pdb.top087536.	0.2	16
162	Mex3B: a coreceptor to present dsRNA to TLR3. Cell Research, 2016, 26, 391-392.	5.7	8

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163	Humanized hemato-lymphoid system mice. Haematologica, 2016, 101, 5-19.	1.7	166
164	Configuration-dependent Presentation of Multivalent IL-15:IL-15RÎ± Enhances the Antigen-specific T Cell Response and Anti-tumor Immunity. Journal of Biological Chemistry, 2016, 291, 8931-8950.	1.6	28
165	IL-10â€“producing forkhead box protein 3â€“negative regulatory TÂcells inhibit B-cell responses andÂare involved in systemic lupus erythematosus. Journal of Allergy and Clinical Immunology, 2016, 137, 318-321.e5.	1.5	37
166	Excitatory transmission onto AgRP neurons is regulated by cJun NH2-terminal kinase 3 in response to metabolic stress. ELife, 2016, 5, e10031.	2.8	28
167	Myosin VI regulates gene pairing and transcriptional pause release in T cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1587-93.	3.3	26
168	IRAK-M Promotes Alternative Macrophage Activation and Fibroproliferation in Bleomycin-Induced Lung Injury. Journal of Immunology, 2015, 194, 1894-1904.	0.4	47
169	AMCase is a crucial regulator of type 2 immune responses to inhaled house dust mites. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2891-9.	3.3	51
170	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. Cell, 2015, 163, 1428-1443.	13.5	728
171	Epithelial IL-18 Equilibrium Controls Barrier Function in Colitis. Cell, 2015, 163, 1444-1456.	13.5	432
172	Broad CTL response is required to clear latent HIV-1 due to dominance of escape mutations. Nature, 2015, 517, 381-385.	13.7	469
173	Glucocorticoids suppress inflammation via the upregulation of negative regulator IRAK-M. Nature Communications, 2015, 6, 6062.	5.8	92
174	Immuneâ€“microbiota interactions in health and disease. Clinical Immunology, 2015, 159, 122-127.	1.4	245
175	Production of IL-10 by CD4+ regulatory T cells during the resolution of infection promotes the maturation of memory CD8+ T cells. Nature Immunology, 2015, 16, 871-879.	7.0	159
176	Peripherally Induced Tolerance Depends on Peripheral Regulatory T Cells That Require Hopx To Inhibit Intrinsic IL-2 Expression. Journal of Immunology, 2015, 195, 1489-1497.	0.4	38
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