Kingston H G Mills

List of Publications by Year
in descending order

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266 papers	31,945 citations	3531 90 h-index	4774 169 g-index
285 all docs	285 docs citations	285 times ranked	40891 citing authors

#	Article	IF	Citations
1	A small-molecule inhibitor of the NLRP3 inflammasome for the treatment of inflammatory diseases. Nature Medicine, 2015, 21, 248-255.	30.7	1,967
2	Trained immunity: A program of innate immune memory in health and disease. Science, 2016, 352, aaf1098.	12.6	1,809
3	Interleukin-1 and IL-23 Induce Innate IL-17 Production from Î³Î´ T Cells, Amplifying Th17 Responses and Autoimmunity. Immunity, 2009, 31, 331-341.	14.3	1,366
4	Activation of the NLRP3 inflammasome by islet amyloid polypeptide provides a mechanism for enhanced IL-1Î² in type 2 diabetes. Nature Immunology, 2010, 11, 897-904.	14.5	1,149
5	A crucial role for interleukin (IL)-1 in the induction of IL-17â€“producing T cells that mediate autoimmune encephalomyelitis. Journal of Experimental Medicine, 2006, 203, 1685-1691.	8.5	911
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
7	T cells in multiple sclerosis and experimental autoimmune encephalomyelitis. Clinical and Experimental Immunology, 2010, 162, 1-11.	2.6	761
8	Regulatory T cells: friend or foe in immunity to infection?. Nature Reviews Immunology, 2004, 4, 841-855.	22.7	595
9	Pathogen-specific T Regulatory 1 Cells Induced in the Respiratory Tract by a Bacterial Molecule that Stimulates Interleukin 10 Production by Dendritic Cells. Journal of Experimental Medicine, 2002, 195, 221-231.	8.5	590
10	A guiding map for inflammation. Nature Immunology, 2017, 18, 826-831.	14.5	506
11	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
12	CD39+Foxp3+ Regulatory T Cells Suppress Pathogenic Th17 Cells and Are Impaired in Multiple Sclerosis. Journal of Immunology, 2009, 183, 7602-7610.	0.8	430
13	Immune checkpoints and their inhibition in cancer and infectious diseases. European Journal of Immunology, 2017, 47, 765-779.	2.9	418
14	TLR-dependent T cell activation in autoimmunity. Nature Reviews Immunology, 2011, 11, 807-822.	22.7	399
15	Metabolic reprogramming of natural killer cells in obesity limits antitumor responses. Nature Immunology, 2018, 19, 1330-1340.	14.5	396
16	Suppression of Antitumor Immunity by IL-10 and TGF-Î²-Producing T Cells Infiltrating the Growing Tumor: Influence of Tumor Environment on the Induction of CD4+ and CD8+ Regulatory T Cells. Journal of Immunology, 2006, 177, 896-904.	0.8	383
17	Infiltration of Th1 and Th17 cells and activation of microglia in the CNS during the course of experimental autoimmune encephalomyelitis. Brain, Behavior, and Immunity, 2010, 24, 641-651.	4.1	378
18	TLR4 Mediates Vaccine-Induced Protective Cellular Immunity to Bordetella pertussis: Role of IL-17-Producing T Cells. Journal of Immunology, 2006, 177, 7980-7989.	0.8	326

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19	Pathogen-specific regulatory T cells provoke a shift in the Th1/Th2 paradigm in immunity to infectious diseases. Trends in Immunology, 2002, 23, 450-455.	6.8	321
20	Induction, function and regulation of ILâ€17â€producing T cells. European Journal of Immunology, 2008, 38, 2636-2649.	2.9	313
21	Caspase-1â€“Processed Cytokines IL-1Î² and IL-18 Promote IL-17 Production by Î³Î´ and CD4 T Cells That Mediate Autoimmunity. Journal of Immunology, 2011, 186, 5738-5748.	0.8	304
22	Mucosal vaccines: non toxic derivatives of LT and CT as mucosal adjuvants. Vaccine, 2001, 19, 2534-2541.	3.8	277
23	Relative Contribution of Th1 and Th17 Cells in Adaptive Immunity to Bordetella pertussis: Towards the Rational Design of an Improved Acellular Pertussis Vaccine. PLoS Pathogens, 2013, 9, e1003264.	4.7	273
24	Infection with a Helminth Parasite Attenuates Autoimmunity through TGF-Î²-Mediated Suppression of Th17 and Th1 Responses. Journal of Immunology, 2009, 183, 1577-1586.	0.8	265
25	Retinoic acid expression associates with enhanced IL-22 production by Î³Î´ T cells and innate lymphoid cells and attenuation of intestinal inflammation. Journal of Experimental Medicine, 2013, 210, 1117-1124.	8.5	261
26	IFN-Î³ Production by Amyloid Î²â€“Specific Th1 Cells Promotes Microglial Activation and Increases Plaque Burden in a Mouse Model of Alzheimerâ€™s Disease. Journal of Immunology, 2013, 190, 2241-2251.	0.8	247
27	Toll-Like Receptor 4-Mediated Innate IL-10 Activates Antigen-Specific Regulatory T Cells and Confers Resistance to Bordetella pertussis by Inhibiting Inflammatory Pathology. Journal of Immunology, 2003, 171, 3119-3127.	0.8	242
28	Distinct Tâ€cell subtypes induced with whole cell and acellular pertussis vaccines in children. Immunology, 1998, 93, 1-10.	4.4	238
29	CD200 Ligandâ€“Receptor Interaction Modulates Microglial ActivationIn VivoandIn Vitro: A Role for IL-4. Journal of Neuroscience, 2007, 27, 8309-8313.	3.6	235
30	<scp>IL</scp>â€17â€producing Î³Î´ <scp>T</scp> cells and innate lymphoid cells. European Journal of Immunology, 2012, 42, 2221-2231.	2.9	234
31	Immunity to the respiratory pathogen Bordetella pertussis. Mucosal Immunology, 2012, 5, 485-500.	6.0	234
32	A Murine Model in Which Protection Correlates with Pertussis Vaccine Efficacy in Children Reveals Complementary Roles for Humoral and Cell-Mediated Immunity in Protection againstBordetella pertussis. Infection and Immunity, 1998, 66, 594-602.	2.2	234
33	CD4 T Helper Type 1 and Regulatory T Cells Induced against the Same Epitopes on the Core Protein in Hepatitis C Virusâ€“Infected Persons. Journal of Infectious Diseases, 2002, 185, 720-727.	4.0	215
34	Nano-particle mediated M2 macrophage polarization enhances bone formation and MSC osteogenesis in an IL-10 dependent manner. Biomaterials, 2020, 239, 119833.	11.4	207
35	Antigen-specific regulatory T cellsâ€”their induction and role in infection. Seminars in Immunology, 2004, 16, 107-117.	5.6	197
36	Fasciola hepatica infection downregulates Th1 responses in mice. Parasite Immunology, 2000, 22, 147-155.	1.5	195

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37	Fasciola hepaticaSuppresses a Protective Th1 Response againstBordetella pertussis. Infection and Immunity, 1999, 67, 5372-5378.	2.2	195
38	Immunity to Bordetella pertussis. Microbes and Infection, 2001, 3, 655-677.	1.9	189
39	Dendritic cells and other innate determinants of T helper cell polarisation. Trends in Immunology, 2013, 34, 521-530.	6.8	188
40	Role of Interleukin-4 in Regulation of Age-related Inflammatory Changes in the Hippocampus. Journal of Biological Chemistry, 2005, 280, 9354-9362.	3.4	187
41	Influence of gastrointestinal commensal bacteria on the immune responses that mediate allergy and asthma. Journal of Allergy and Clinical Immunology, 2011, 127, 1097-1107.	2.9	187
42	Modulation of T Cell and Innate Immune Responses by Retinoic Acid. Journal of Immunology, 2014, 192, 2953-2958.	0.8	181
43	IL-17 and IL-17-producing cells in protection versus pathology. Nature Reviews Immunology, 2023, 23, 38-54.	22.7	177
44	Targeting Regulatory T Cells in Cancer. Cancer Research, 2011, 71, 6915-6920.	0.9	172
45	Lack of Interleukin-1 Receptor I (IL-1RI) Protects Mice From High-Fat Dietâ€“Induced Adipose Tissue Inflammation Coincident With Improved Glucose Homeostasis. Diabetes, 2011, 60, 1688-1698.	0.6	164
46	Pharmacological Activation of Pyruvate Kinase M2 Inhibits CD4+ T Cell Pathogenicity and Suppresses Autoimmunity. Cell Metabolism, 2020, 31, 391-405.e8.	16.2	164
47	Bordatella pertussisRespiratory Infection in Children Is Associated with Preferential Activation of Type 1 T Helper Cells. Journal of Infectious Diseases, 1997, 175, 1246-1250.	4.0	163
48	Atypical Disease after Bordetella pertussis Respiratory Infection of Mice with Targeted Disruptions of Interferon-Î³ Receptor or Immunoglobulin Î¼ Chain Genes. Journal of Experimental Medicine, 1997, 186, 1843-1851.	8.5	160
49	Inflammasome Activation by Adenylate Cyclase Toxin Directs Th17 Responses and Protection against Bordetella pertussis. Journal of Immunology, 2010, 185, 1711-1719.	0.8	158
50	Interleukin-17A Serves a Priming Role in Autoimmunity by Recruiting IL-1Î²-Producing Myeloid Cells that Promote Pathogenic T Cells. Immunity, 2020, 52, 342-356.e6.	14.3	157
51	TLR ligand suppression or enhancement of Treg cells? A double-edged sword in immunity to tumours. Oncogene, 2008, 27, 168-180.	5.9	154
52	Autophagy Regulates IL-23 Secretion and Innate T Cell Responses through Effects on IL-1 Secretion. Journal of Immunology, 2012, 189, 4144-4153.	0.8	152
53	Induction of regulatory cells by helminth parasites: exploitation for the treatment of inflammatory diseases. Immunological Reviews, 2014, 259, 206-230.	6.0	151
54	Activation of p38 Plays a Pivotal Role in the Inhibitory Effect of Lipopolysaccharide and Interleukin-1Î² on Long Term Potentiation in Rat Dentate Gyrus. Journal of Biological Chemistry, 2003, 278, 19453-19462.	3.4	150

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55	Stable Plastid Transformation in Lettuce (Lactuca sativa L.). Plant Molecular Biology, 2005, 58, 763-774.	3.9	150
56	Immunization with a soluble recombinant HIV protein entrapped in biodegradable microparticles induces HIV-specific CD8+ cytotoxic T lymphocytes and CD4+ Th1 cells. Vaccine, 1995, 13, 1741-1749.	3.8	149
57	Cholera Toxin Promotes the Induction of Regulatory T Cells Specific for Bystander Antigens by Modulating Dendritic Cell Activation. Journal of Immunology, 2003, 171, 2384-2392.	0.8	149
58	Dietary saturated fatty acids prime the <scp>NLRP</scp>3 inflammasome via <scp>TLR</scp>4 in dendritic cellsâ€"implications for dietâ€induced insulin resistance. Molecular Nutrition and Food Research, 2012, 56, 1212-1222.	3.3	142
59	Pertussis toxin potentiates Th1 and Th2 responses to co-injected antigen: adjuvant action is associated with enhanced regulatory cytokine production and expression of the co-stimulatory molecules B7- 1, B7-2 and CD28. International Immunology, 1998, 10, 651-662.	4.0	141
60	A mucosal vaccine against diphtheria: formulation of cross reacting material (CRM197) of diphtheria toxin with chitosan enhances local and systemic antibody and Th2 responses following nasal delivery. Vaccine, 2000, 19, 1188-1198.	3.8	137
61	Attenuating Regulatory T Cell Induction by TLR Agonists through Inhibition of p38 MAPK Signaling in Dendritic Cells Enhances Their Efficacy as Vaccine Adjuvants and Cancer Immunotherapeutics. Journal of Immunology, 2008, 180, 3797-3806.	0.8	136
62	Hepatitis C virus nonâ€structural protein 4 suppresses Th1 responses by stimulating ILâ€10 production from monocytes. European Journal of Immunology, 2003, 33, 3448-3457.	2.9	135
63	Immunomodulators and delivery systems for vaccination by mucosal routes. Trends in Biotechnology, 2001, 19, 293-304.	9.3	134
64	The role of inflammasome-derived IL-1 in driving IL-17 responses. Journal of Leukocyte Biology, 2013, 93, 489-497.	3.3	134
65	Conjugated Linoleic Acid Suppresses NF-Î°B Activation and IL-12 Production in Dendritic Cells through ERK-Mediated IL-10 Induction. Journal of Immunology, 2005, 175, 4990-4998.	0.8	131
66	Pyruvate Kinase M2 Is Required for the Expression of the Immune Checkpoint PD-L1 in Immune Cells and Tumors. Frontiers in Immunology, 2017, 8, 1300.	4.8	131
67	Immunosuppressive networks and checkpoints controlling antitumor immunity and their blockade in the development of cancer immunotherapeutics and vaccines. Oncogene, 2014, 33, 4623-4631.	5.9	128
68	Depletion of NK cells results in disseminating lethal infection withBordetella pertussis associated with a reduction of antigen-specific Th1 and enhancement of Th2, but not Tr1 cells. European Journal of Immunology, 2004, 34, 2579-2588.	2.9	127
69	IL-27 mediates the response to IFN-Î² therapy in multiple sclerosis patients by inhibiting Th17 cells. Brain, Behavior, and Immunity, 2011, 25, 1170-1181.	4.1	124
70	Lung CD4 Tissue-Resident Memory T Cells Mediate Adaptive Immunity Induced by Previous Infection of Mice with Bordetella pertussis. Journal of Immunology, 2017, 199, 233-243.	0.8	124
71	Biodegradable microparticles for oral immunization. Vaccine, 1993, 11, 149-154.	3.8	121
72	Direct anti-inflammatory effect of a bacterial virulence factor: IL-10-dependent suppression of IL-12 production by filamentous hemagglutinin fromBordetella pertussis. European Journal of Immunology, 2000, 30, 415-422.	2.9	121

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73	Staphylococcus aureus Infection of Mice Expands a Population of Memory Î³Î´ T Cells That Are Protective against Subsequent Infection. Journal of Immunology, 2014, 192, 3697-3708.	0.8	120
74	Abnormal monoclonal antibody-defined helper/suppressor T-cell subpopulations in multiple myeloma: relationship to treatment and clinical stage. British Journal of Haematology, 1983, 53, 271-275.	2.5	119
75	Hepatitis C Virus-Specific Th17 Cells Are Suppressed by Virus-Induced TGF-Î². Journal of Immunology, 2008, 181, 4485-4494.	0.8	118
76	Poliovirus-specific CD4+ Th1 clones with both cytotoxic and helper activity mediate protective humoral immunity against a lethal poliovirus infection in transgenic mice expressing the human poliovirus receptor.. Journal of Experimental Medicine, 1995, 181, 1285-1292.	8.5	117
77	Adenylate Cyclase Toxin fromBordetella pertussisSynergizes with Lipopolysaccharide To Promote Innate Interleukin-10 Production and Enhances the Induction of Th2 and Regulatory T Cells. Infection and Immunity, 2004, 72, 1568-1579.	2.2	117
78	Intranasal immunization with genetically detoxified diphtheria toxin induces T cell responses in humans: enhancement of Th2 responses and toxin-neutralizing antibodies by formulation with chitosan. Vaccine, 2004, 22, 909-914.	3.8	117
79	Protection against Bordetella pertussis infection following parenteral or oral immunization with antigens entrapped in biodegradable particles: effect of formulation and route of immunization on induction of Th1 and Th2 cells. Vaccine, 2001, 19, 1940-1950.	3.8	115
80	Autophagy and inflammatory diseases. Immunology and Cell Biology, 2013, 91, 250-258.	2.3	111
81	Respiratory infection promotes T cell infiltration and amyloid-Î² deposition in APP/PS1 mice. Neurobiology of Aging, 2014, 35, 109-121.	3.1	111
82	Th1/Th2 cell dichotomy in acquired immunity to Bordetella pertussis : variables in the in vivo priming and in vitro cytokine detection techniques affect the classification of Tâ€cell subsets as Th1, Th2 or Th0. Immunology, 1996, 87, 372-380.	4.4	110
83	Protective Levels of Diphtheria-Neutralizing Antibody Induced in Healthy Volunteers by Unilateral Priming-Boosting Intranasal Immunization Associated with Restricted Ipsilateral Mucosal Secretory Immunoglobulin A. Infection and Immunity, 2003, 71, 726-732.	2.2	110
84	The adjuvant combination monophosphoryl lipid A and QS21 switches T cell responses induced with a soluble recombinant HIV protein from Th2 to Th1. Vaccine, 1999, 17, 2517-2527.	3.8	105
85	Phase I Evaluation of Intranasal Trivalent Inactivated Influenza Vaccine with Nontoxigenic Escherichia coli Enterotoxin and Novel Biovector as Mucosal Adjuvants, Using Adult Volunteers. Journal of Virology, 2006, 80, 4962-4970.	3.4	104
86	Modulation of Innate and Acquired Immune Responses byEscherichia coliHeat-Labile Toxin: Distinct Pro- and Anti-Inflammatory Effects of the Nontoxic AB Complex and the Enzyme Activity. Journal of Immunology, 2000, 165, 5750-5759.	0.8	101
87	Inhibition of ERK MAPK Suppresses IL-23- and IL-1-Driven IL-17 Production and Attenuates Autoimmune Disease. Journal of Immunology, 2009, 183, 1715-1723.	0.8	99
88	Fasciola hepatica cathepsin L cysteine proteinase suppresses Bordetella pertussis -specific interferon-Î³ production in vivo. Parasite Immunology, 2001, 23, 541-547.	1.5	98
89	Sustained protective immunity against Bordetella pertussis nasal colonization by intranasal immunization with a vaccine-adjuvant combination that induces IL-17-secreting TRM cells. Mucosal Immunology, 2018, 11, 1763-1776.	6.0	98
90	Escherichia coliHeat-Labile Enterotoxin Promotes Protective Th17 Responses against Infection by Driving Innate IL-1 and IL-23 Production. Journal of Immunology, 2011, 186, 5896-5906.	0.8	94

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91	Th17â€¯cells, Î³Î´ T cells and their interplay in EAE and multiple sclerosis. Journal of Autoimmunity, 2018, 87, 97-108.	6.5	94
92	Protection againstBordetella pertussisin Mice in the Absence of Detectable Circulating Antibody: Implications for Longâ€Term Immunity in Children. Journal of Infectious Diseases, 2000, 181, 2087-2091.	4.0	92
93	Manipulating the immune system: humoral versus cell-mediated immunity. Advanced Drug Delivery Reviews, 2001, 51, 43-54.	13.7	92
94	Immune responses and protection against Bordetella pertussis infection after intranasal immunization of mice with filamentous haemagglutinin in solution or incorporated in biodegradable microparticles. Vaccine, 1995, 13, 455-462.	3.8	90
95	Effects of cholera toxin on innate and adaptive immunity and its application as an immunomodulatory agent. Journal of Leukocyte Biology, 2004, 75, 756-763.	3.3	90
96	Bordetella pertussis Expresses a Functional Type III Secretion System That Subverts Protective Innate and Adaptive Immune Responses. Infection and Immunity, 2008, 76, 1257-1266.	2.2	90
97	Loss of the molecular clock in myeloid cells exacerbates T cell-mediated CNS autoimmune disease. Nature Communications, 2017, 8, 1923.	12.8	90
98	Decreased neuronal CD200 expression in IL-4-deficient mice results in increased neuroinflammation in response to lipopolysaccharide. Brain, Behavior, and Immunity, 2009, 23, 1020-1027.	4.1	88
99	Mutants ofEscherichia coliHeat-Labile Toxin Act as Effective Mucosal Adjuvants for Nasal Delivery of an Acellular Pertussis Vaccine: Differential Effects of the Nontoxic AB Complex and Enzyme Activity on Th1 and Th2 Cells. Infection and Immunity, 1999, 67, 6270-6280.	2.2	88
100	Helminth Products Protect against Autoimmunity via Innate Type 2 Cytokines IL-5 and IL-33, Which Promote Eosinophilia. Journal of Immunology, 2016, 196, 703-714.	0.8	87
101	Immunotherapy with PI3K Inhibitor and Toll-Like Receptor Agonist Induces IFN-Î³+IL-17+ Polyfunctional T Cells That Mediate Rejection of Murine Tumors. Cancer Research, 2012, 72, 581-591.	0.9	85
102	IL-17â€“Producing Innate and Pathogen-Specific Tissue Resident Memory Î³Î´ T Cells Expand in the Lungs of Bordetella pertussisâ€“Infected Mice. Journal of Immunology, 2017, 198, 363-374.	0.8	84
103	Loss of autophagy enhances MIF/macrophage migration inhibitory factor release by macrophages. Autophagy, 2016, 12, 907-916.	9.1	83
104	Omega-3 fatty acids attenuate dendritic cell function via NF-ÎºB independent of PPARÎ³. Journal of Nutritional Biochemistry, 2011, 22, 784-790.	4.2	79
105	TLR based therapeutics. Current Opinion in Pharmacology, 2011, 11, 404-411.	3.5	78
106	Protective Role for Caspase-11 during Acute Experimental Murine Colitis. Journal of Immunology, 2015, 194, 1252-1260.	0.8	77
107	Booster immunization of children with an acellular pertussis vaccine enhances Th2 cytokine production and serum IgE responses against pertussis toxin but not against common allergens. Clinical and Experimental Immunology, 2000, 121, 193-200.	2.6	76
108	Polyfunctional, Pathogenic CD161+ Th17 Lineage Cells Are Resistant to Regulatory T Cellâ€“Mediated Suppression in the Context of Autoimmunity. Journal of Immunology, 2015, 195, 528-540.	0.8	76

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109	Immunization with whole cell but not acellular pertussis vaccines primes CD4 T _{RM} cells that sustain protective immunity against nasal colonization with Bordetella pertussis. Emerging Microbes and Infections, 2019, 8, 169-185.	6.5	75
110	ILâ€1F5 mediates antiâ€inflammatory activity in the brain through induction of ILâ€4 following interaction with SIGIRR/TIR8. Journal of Neurochemistry, 2008, 105, 1960-1969.	3.9	73
111	Immune modulation: IL-1, master mediator or initiator of inflammation. Nature Medicine, 2009, 15, 1363-1364.	30.7	72
112	Regulation of interleukinâ€1Î² by interferonâ€Îł is species specific, limited by suppressor of cytokine signalling 1 and influences interleukinâ€17 production. EMBO Reports, 2010, 11, 640-646.	4.5	72
113	Activation of mixed glia by AÎ²-specific Th1 and Th17 cells and its regulation by Th2 cells. Brain, Behavior, and Immunity, 2010, 24, 598-607.	4.1	70
114	A novel anti-inflammatory role of NCAM-derived mimetic peptide, FGL. Neurobiology of Aging, 2010, 31, 118-128.	3.1	70
115	Innate IFNâ€Îł promotes development of experimental autoimmune encephalomyelitis: A role for NK cells and M1 macrophages. European Journal of Immunology, 2014, 44, 2903-2917.	2.9	68
116	PERISCOPE: road towards effective control of pertussis. Lancet Infectious Diseases, The, 2019, 19, e179-e186.	9.1	67
117	Alveolar Macrophages Contribute to Respiratory Tolerance by Inducing FoxP3 Expression in Naive T Cells. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 773-780.	2.9	66
118	Passive Immunization of Cynomolgus Macaques with Immune Sera or a Pool of Neutralizing Monoclonal Antibodies Failed to Protect Against Challenge with SIVmac251. AIDS Research and Human Retroviruses, 1994, 10, 189-194.	1.1	65
119	Compartmentalization of T cell responses following respiratory infection withBordetella pertussis: hyporesponsiveness of lung T cells is associated with modulated expression of the co-stimulatory molecule CD28. European Journal of Immunology, 1998, 28, 153-163.	2.9	65
120	A novel TLR2 agonist from Bordetella pertussis is a potent adjuvant that promotes protective immunity with an acellular pertussis vaccine. Mucosal Immunology, 2015, 8, 607-617.	6.0	64
121	Bordetella pertussis Adenylate Cyclase Toxin Modulates Innate and Adaptive Immune Responses: Distinct Roles for Acylation and Enzymatic Activity in Immunomodulation and Cell Death. Journal of Immunology, 2005, 175, 730-738.	0.8	63
122	Do we need a new vaccine to control the re-emergence of pertussis?. Trends in Microbiology, 2014, 22, 49-52.	7.7	63
123	Roads to the development of improved pertussis vaccines paved by immunology. Pathogens and Disease, 2015, 73, ftv067.	2.0	63
124	Anti-PD-1 inhibits Foxp3+ Treg cell conversion and unleashes intratumoural effector T cells thereby enhancing the efficacy of a cancer vaccine in a mouse model. Cancer Immunology, Immunotherapy, 2016, 65, 1491-1498.	4.2	61
125	A Pertussis Outer Membrane Vesicle-Based Vaccine Induces Lung-Resident Memory CD4 T Cells and Protection Against Bordetella pertussis, Including Pertactin Deficient Strains. Frontiers in Cellular and Infection Microbiology, 2019, 9, 125.	3.9	61
126	Extensive diversity in the recognition of influenza virus hemagglutinin by murine T helper clones.. Journal of Experimental Medicine, 1986, 163, 1477-1490.	8.5	60

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127	Induction of Protective Serum Meningococcal Bactericidal and Diphtheria-Neutralizing Antibodies and Mucosal Immunoglobulin A in Volunteers by Nasal Insufflations of the Neisseria meningitidis Serogroup C Polysaccharide-CRM197 Conjugate Vaccine Mixed with Chitosan. Infection and Immunity, 2005, 73, 8256-8265.	2.2	60
128	Psychological stress suppresses innate IFN-Î³ production via glucocorticoid receptor activation: Reversal by the anxiolytic chlordiazepoxide. Brain, Behavior, and Immunity, 2009, 23, 535-547.	4.1	60
129	Mucosal Vaccination against Serogroup B Meningococci: Induction of Bactericidal Antibodies and Cellular Immunity following Intranasal Immunization with NadA of Neisseria meningitidis and Mutants of Escherichia coli Heat-Labile Enterotoxin. Infection and Immunity, 2004, 72, 4052-4060.	2.2	59
130	Adenylate cycalse toxin ofBordetella pertussisinhibits TLR-induced IRF-1 and IRF-8 activation and IL-12 production and enhances IL-10 through MAPK activation in dendritic cells. Journal of Leukocyte Biology, 2008, 84, 234-243.	3.3	59
131	Glutathione Transferase Omega-1 Regulates NLRP3 Inflammasome Activation through NEK7 Deglutathionylation. Cell Reports, 2019, 29, 151-161.e5.	6.4	58
132	CD4 TRM Cells Following Infection and Immunization: Implications for More Effective Vaccine Design. Frontiers in Immunology, 2018, 9, 1860.	4.8	56
133	The immunoregulatory role of CD4+FoxP3+CD25â˜'regulatory T cells in lungs of mice infected withBordetella pertussis. FEMS Immunology and Medical Microbiology, 2012, 64, 413-424.	2.7	55
134	IL-17-dependent SIgA-mediated protection against nasal Bordetella pertussis infection by live attenuated BPZE1 vaccine. Mucosal Immunology, 2018, 11, 1753-1762.	6.0	55
135	Whole-Cell but Not Acellular Pertussis Vaccines Induce Convulsive Activity in Mice: Evidence of a Role for Toxin-Induced Interleukin-1Î² in a New Murine Model for Analysis of Neuronal Side Effects of Vaccination. Infection and Immunity, 2001, 69, 4217-4223.	2.2	53
136	Caspase-11 promotes allergic airway inflammation. Nature Communications, 2020, 11, 1055.	12.8	52
137	CD11c+CD8Î±+ Dendritic Cells Promote Protective Immunity to Respiratory Infection withBordetella pertussis. Journal of Immunology, 2009, 183, 400-410.	0.8	51
138	Exercise-induced re-programming of age-related metabolic changes in microglia is accompanied by a reduction in senescent cells. Brain, Behavior, and Immunity, 2020, 87, 413-428.	4.1	50
139	TLR, NLR Agonists, and Other Immune Modulators as Infectious Disease Vaccine Adjuvants. Current Infectious Disease Reports, 2010, 12, 4-12.	3.0	49
140	Interleukin-22 regulates antimicrobial peptide expression and keratinocyte differentiation to control Staphylococcus aureus colonization of the nasal mucosa. Mucosal Immunology, 2016, 9, 1429-1441.	6.0	49
141	Conformational-dependent recognition of influenza virus hemagglutinin by murine T helper clones. European Journal of Immunology, 1986, 16, 276-280.	2.9	48
142	Improved pertussis vaccines based on adjuvants that induce cell-mediated immunity. Expert Review of Vaccines, 2014, 13, 1253-1264.	4.4	48
143	Anti-inflammatory Trained Immunity Mediated by Helminth Products Attenuates the Induction of T Cell-Mediated Autoimmune Disease. Frontiers in Immunology, 2019, 10, 1109.	4.8	48
144	Psychological stress increases expression of IL-10 and its homolog IL-19 via Î²-adrenoceptor activation: Reversal by the anxiolytic chlordiazepoxide. Brain, Behavior, and Immunity, 2009, 23, 371-379.	4.1	47

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145	Processing of viral antigens and presentation to class II-restricted T cells. Trends in Immunology, 1986, 7, 260-263.	7.5	46
146	Interleukin-1 receptor antagonist exerts agonist activity in the hippocampus independent of the interleukin-1 type I receptor. Journal of Neuroimmunology, 2003, 137, 117-124.	2.3	46
147	A pilot study of the immunological effects of high-dose vitamin D in healthy volunteers. Multiple Sclerosis Journal, 2012, 18, 1797-1800.	3.0	46
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