Charles Reay Mackay

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5429305/publications.pdf

Version: 2024-02-01

177 papers	45,478 citations	2802 94 h-index	4432 172 g-index
186 all docs	186 docs citations	186 times ranked	41282 citing authors

#	Article	IF	Citations
1	Regulation of inflammatory responses by gut microbiota and chemoattractant receptor GPR43. Nature, 2009, 461, 1282-1286.	27.8	2,534
2	The Î²-Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates. Cell, 1996, 85, 1135-1148.	28.9	2,432
3	The Role of Short-Chain Fatty Acids in Health and Disease. Advances in Immunology, 2014, 121, 91-119.	2.2	1,587
4	Flexible Programs of Chemokine Receptor Expression on Human Polarized T Helper 1 and 2 Lymphocytes. Journal of Experimental Medicine, 1998, 187, 875-883.	8.5	1,488
5	T-Cell Function and Migration â€" Two Sides of the Same Coin. New England Journal of Medicine, 2000, 343, 1020-1034.	27.0	1,387
6	The chemokine receptors CXCR3 and CCR5 mark subsets of T cells associated with certain inflammatory reactions.. Journal of Clinical Investigation, 1998, 101, 746-754.	8.2	1,252
7	The HIV coreceptors CXCR4 and CCR5 are differentially expressed and regulated on human T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 1925-1930.	7.1	1,054
8	Diet, gut microbiota and immune responses. Nature Immunology, 2011, 12, 5-9.	14.5	1,050
9	The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. Immunity, 2009, 31, 457-468.	14.3	1,041
10	Rapid and coordinated switch in chemokine receptor expression during dendritic cell maturation. European Journal of Immunology, 1998, 28, 2760-2769.	2.9	1,020
11	Selective Expression of the Eotaxin Receptor CCR3 by Human T Helper 2 Cells. Science, 1997, 277, 2005-2007.	12.6	1,011
12	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. Nature Communications, 2015, 6, 6734.	12.8	983
13	The Role of Chemokine Receptors in Primary, Effector, and Memory Immune Responses. Annual Review of Immunology, 2000, 18, 593-620.	21.8	969
14	CCR3 and CCR5 are co-receptors for HIV-1 infection of microglia. Nature, 1997, 385, 645-649.	27.8	945
15	Chemokines and chemokine receptors in T-cell priming and Th1/Th2-mediated responses. Trends in Immunology, 1998, 19, 568-574.	7.5	864
16	Chemokines: immunology's high impact factors. Nature Immunology, 2001, 2, 95-101.	14.5	760
17	Diet, Metabolites, and â€œWestern-Lifestyleâ€•Inflammatory Diseases. Immunity, 2014, 40, 833-842.	14.3	736
18	CCR5 Levels and Expression Pattern Correlate with Infectability by Macrophage-tropic HIV-1, In Vitro. Journal of Experimental Medicine, 1997, 185, 1681-1692.	8.5	728

#	Article	IF	Citations
19	High-Fiber Diet and Acetate Supplementation Change the Gut Microbiota and Prevent the Development of Hypertension and Heart Failure in Hypertensive Mice. Circulation, 2017, 135, 964-977.	1.6	695
20	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. Nature Communications, 2015, 6, 7320.	12.8	683
21	Association of BAFF/BLyS overexpression and altered B cell differentiation with SjÃ¶grenâ€™s syndrome. Journal of Clinical Investigation, 2002, 109, 59-68.	8.2	668
22	T Follicular Helper Cells Express a Distinctive Transcriptional Profile, Reflecting Their Role as Non-Th1/Th2 Effector Cells That Provide Help for B Cells. Journal of Immunology, 2004, 173, 68-78.	0.8	650
23	A Fundamental Role for Interleukin-21 in the Generation of T Follicular Helper Cells. Immunity, 2008, 29, 127-137.	14.3	646
24	Circulating Precursor CCR7loPD-1hi CXCR5+ CD4+ T Cells Indicate Tfh Cell Activity and Promote Antibody Responses upon Antigen Reexposure. Immunity, 2013, 39, 770-781.	14.3	571
25	T Follicular Helper (T_{FH}) Cells in Normal and Dysregulated Immune Responses. Annual Review of Immunology, 2008, 26, 741-766.	21.8	557
26	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. Nature Immunology, 2017, 18, 552-562.	14.5	551
27	Follicular B helper T cells in antibody responses and autoimmunity. Nature Reviews Immunology, 2005, 5, 853-865.	22.7	541
28	Disrupted cardiac development but normal hematopoiesis in mice deficient in the second CXCL12/SDF-1 receptor, CXCR7. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14759-14764.	7.1	541
29	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. Cell Reports, 2016, 15, 2809-2824.	6.4	489
30	MEDI-563, a humanized antiâ€“IL-5 receptor Î± mAb with enhanced antibody-dependent cell-mediated cytotoxicity function. Journal of Allergy and Clinical Immunology, 2010, 125, 1344-1353.e2.	2.9	481
31	B Cell-Activating Factor Belonging to the TNF Family (BAFF)-R Is the Principal BAFF Receptor Facilitating BAFF Costimulation of Circulating T and B Cells. Journal of Immunology, 2004, 173, 807-817.	0.8	436
32	Targeting dual-specificity phosphatases: manipulating MAP kinase signalling and immune responses. Nature Reviews Drug Discovery, 2007, 6, 391-403.	46.4	429
33	Prominence of Î³Î´ T cells in the ruminant immune system. Trends in Immunology, 1991, 12, 30-34.	7.5	427
34	Enhanced expression of eotaxin and CCR3 mRNA and protein in atopic asthma. Association with airway hyperresponsiveness and predominant coâ€localization of eotaxin mRNA to bronchial epithelial and endothelial cells. European Journal of Immunology, 1997, 27, 3507-3516.	2.9	407
35	Association of BAFF/BLyS overexpression and altered B cell differentiation with SjÃ¶grenâ€™s syndrome. Journal of Clinical Investigation, 2002, 109, 59-68.	8.2	383
36	Interaction of Chemokine Receptor CCR5 with its Ligands: Multiple Domains for HIV-1 gp120 Binding and a Single Domain for Chemokine Binding. Journal of Experimental Medicine, 1997, 186, 1373-1381.	8.5	371

#	Article	IF	Citations
37	Functional roles for C5a receptors in sepsis. Nature Medicine, 2008, 14, 551-557.	30.7	364
38	BAFF and MyD88 signals promote a lupuslike disease independent of T cells. Journal of Experimental Medicine, 2007, 204, 1959-1971.	8.5	332
39	CXCR5 Expressing Human Central Memory CD4 T Cells and Their Relevance for Humoral Immune Responses. Journal of Immunology, 2011, 186, 5556-5568.	0.8	296
40	Beyond gut feelings: how the gut microbiota regulates blood pressure. Nature Reviews Cardiology, 2018, 15, 20-32.	13.7	287
41	T-cell memory: the connection between function, phenotype and migration pathways. Trends in Immunology, 1991, 12, 189-192.	7.5	279
42	Homing of naive, memory and effector lymphocytes. Current Opinion in Immunology, 1993, 5, 423-427.	5.5	275
43	Immunohistochemical Study of the Î²-Chemokine Receptors CCR3 and CCR5 and Their Ligands in Normal and Alzheimer's Disease Brains. American Journal of Pathology, 1998, 153, 31-37.	3.8	274
44	Somatic generation of diversity in a mammalian primary lymphoid organ: The sheep ileal Peyer's patches. Cell, 1991, 64, 995-1005.	28.9	267
45	Gut microbial metabolites facilitate anticancer therapy efficacy by modulating cytotoxic CD8+ TÂcell immunity. Cell Metabolism, 2021, 33, 988-1000.e7.	16.2	264
46	Guidance of B Cells by the Orphan G Protein-Coupled Receptor EBI2 Shapes Humoral Immune Responses. Immunity, 2009, 31, 259-269.	14.3	248
47	Tissue-specific migration pathways by phenotypically distinct subpopulations of memory T cells. European Journal of Immunology, 1992, 22, 887-895.	2.9	245
48	The functional plasticity of T cell subsets. Nature Reviews Immunology, 2009, 9, 811-816.	22.7	241
49	Metabolite-Sensing G Proteinâ€“Coupled Receptorsâ€”Facilitators of Diet-Related Immune Regulation. Annual Review of Immunology, 2017, 35, 371-402.	21.8	235
50	Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. Nature Communications, 2019, 10, 3273.	12.8	234
51	Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. Nature Immunology, 2006, 7, 274-283.	14.5	228
52	The nutritionâ€gut microbiomeâ€physiology axis and allergic diseases. Immunological Reviews, 2017, 278, 277-295.	6.0	223
53	The chemokine receptor CXCR3 mediates rapid and shear-resistant adhesion-induction of effector T lymphocytes by the chemokines IP10 and Mig. European Journal of Immunology, 1998, 28, 961-972.	2.9	215
54	The C5a Receptor (C5aR) C5L2 Is a Modulator of C5aR-mediated Signal Transduction. Journal of Biological Chemistry, 2010, 285, 7633-7644.	3.4	213

#	Article	IF	Citations
55	Î³/Î´ T cells express a unique surface molecule appearing late during thymic development. European Journal of Immunology, 1989, 19, 1477-1483.	2.9	209
56	Amino-Terminal Substitutions in the CCR5 Coreceptor Impair gp120 Binding and Human Immunodeficiency Virus Type 1 Entry. Journal of Virology, 1998, 72, 279-285.	3.4	209
57	Moving targets: cell migration inhibitors as new anti-inflammatory therapies. Nature Immunology, 2008, 9, 988-998.	14.5	199
58	Dietary metabolites and the gut microbiota: an alternative approach to control inflammatory and autoimmune diseases. Clinical and Translational Immunology, 2016, 5, e82.	3.8	196
59	A Role for Gut Microbiota and the Metaboliteâ€Sensing Receptor GPR43 in a Murine Model of Gout. Arthritis and Rheumatology, 2015, 67, 1646-1656.	5.6	192
60	Complement C5a, TGF-Î²1, and MCP-1, in Sequence, Induce Migration of Monocytes Into Ischemic Canine Myocardium Within the First One to Five Hours After Reperfusion. Circulation, 1997, 95, 684-692.	1.6	188
61	Three distinct subpopulations of sheep T lymphocytes. European Journal of Immunology, 1986, 16, 19-25.	2.9	187
62	HIV-1 Entry and Macrophage Inflammatory Protein-1Î²-mediated Signaling Are Independent Functions of the Chemokine Receptor CCR5. Journal of Biological Chemistry, 1997, 272, 6854-6857.	3.4	186
63	Microbial influences on epithelial integrity and immune function as a basis for inflammatory diseases. Immunological Reviews, 2012, 245, 164-176.	6.0	186
64	A large proportion of bovine T cells express the Î³Î´ T cell receptor and show a distinct tissue distribution and surface phenotype. International Immunology, 1989, 1, 540-545.	4.0	182
65	A fundamental bimodal role for neuropeptide Y1 receptor in the immune system. Journal of Experimental Medicine, 2005, 202, 1527-1538.	8.5	179
66	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansionÂtoÂincrease satiety. Molecular Metabolism, 2017, 6, 48-60.	6.5	179
67	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. Circulation, 2020, 141, 1393-1403.	1.6	176
68	Immunological Memory. Advances in Immunology, 1993, 53, 217-265.	2.2	174
69	Diet-Derived Short Chain Fatty Acids Stimulate Intestinal Epithelial Cells To Induce Mucosal Tolerogenic Dendritic Cells. Journal of Immunology, 2017, 198, 2172-2181.	0.8	172
70	Expression of monocyte chemoattractant proteinâ€1 and interleukinâ€8 receptors on subsets of T cells: correlation with transendothelial chemotactic potential. European Journal of Immunology, 1996, 26, 640-647.	2.9	160
71	Identification of circulating antigen-specific CD4+ T lymphocytes with a CCR5+, cytotoxic phenotype in an HIV-1 long-term nonprogressor and in CMV infection. Blood, 2004, 103, 2238-2247.	1.4	160
72	TNF Deficiency Fails to Protect BAFF Transgenic Mice against Autoimmunity and Reveals a Predisposition to B Cell Lymphoma. Journal of Immunology, 2004, 172, 812-822.	0.8	154

#	Article	IF	Citations
73	Reduced HIV-1 Infectability of CD4+Lymphocytes from Exposed-Uninfected Individuals: Association with Low Expression of CCR5 and High Production of Î²-Chemokines. Virology, 1998, 244, 66-73.	2.4	153
74	Enhanced levels of functional HIV-1 co-receptors on human mucosal T cells demonstrated using intestinal biopsy tissue. Aids, 2000, 14, 1761-1765.	2.2	153
75	Dietary Fiber Protects against Diabetic Nephropathy through Short-Chain Fatty Acidâ€“Mediated Activation of G Proteinâ€“Coupled Receptors GPR43 and GPR109A. Journal of the American Society of Nephrology: JASN, 2020, 31, 1267-1281.	6.1	153
76	Induction of Monocyte Chemoattractant Protein-1 in the Small Veins of the Ischemic and Reperfused Canine Myocardium. Circulation, 1997, 95, 693-700.	1.6	147
77	Altered patterns of T cell migration through lymph nodes and skin following antigen challenge. European Journal of Immunology, 1992, 22, 2205-2210.	2.9	146
78	Role of the Î²-Chemokine Receptors CCR3 and CCR5 in Human Immunodeficiency Virus Type 1 Infection of Monocytes and Microglia. Journal of Virology, 1998, 72, 3351-3361.	3.4	146
79	The BAFF/APRIL system: life beyond B lymphocytes. Molecular Immunology, 2005, 42, 763-772.	2.2	141
80	An Acetate-Specific GPCR, FFAR2, Regulates Insulin Secretion. Molecular Endocrinology, 2015, 29, 1055-1066.	3.7	139
81	The adipocyte fatty acid-binding protein aP2 is required in allergic airway inflammation. Journal of Clinical Investigation, 2006, 116, 2183-2192.	8.2	130
82	Genetic Subtype-Independent Inhibition of Human Immunodeficiency Virus Type 1 Replication by CC and CXC Chemokines. Journal of Virology, 1998, 72, 396-404.	3.4	128
83	BAFF Augments Certain Th1-Associated Inflammatory Responses. Journal of Immunology, 2005, 174, 5537-5544.	0.8	124
84	Gene Microarrays Reveal Extensive Differential Gene Expression in Both CD4+ and CD8+ Type 1 and Type 2 T Cells. Journal of Immunology, 2001, 167, 3057-3063.	0.8	123
85	Receptors for complement C5a. The importance of C5aR and the enigmatic role of C5L2. Immunology and Cell Biology, 2008, 86, 153-160.	2.3	118
86	Identification of T Cell-Restricted Genes, and Signatures for Different T Cell Responses, Using a Comprehensive Collection of Microarray Datasets. Journal of Immunology, 2005, 175, 7837-7847.	0.8	117
87	Acetate coordinates neutrophil and ILC3 responses against C. difficile through FFAR2. Journal of Experimental Medicine, 2020, 217, .	8.5	116
88	Unusual expression of CD2 in sheep: implications for T cell interactions. European Journal of Immunology, 1988, 18, 1681-1688.	2.9	109
89	Genetic Coding Variant in GPR65 Alters Lysosomal pH and Links Lysosomal Dysfunction with Colitis Risk. Immunity, 2016, 44, 1392-1405.	14.3	106
90	Specific expression of GPR56 by human cytotoxic lymphocytes. Journal of Leukocyte Biology, 2011, 90, 735-740.	3.3	104

#	Article	IF	Citations
91	Dietary fiber and the short-chain fatty acid acetate promote resolution of neutrophilic inflammation in a model of gout in mice. Journal of Leukocyte Biology, 2017, 101, 275-284.	3.3	104
92	Gene Profiling in Atherosclerosis Reveals a Key Role for Small Inducible Cytokines. Circulation, 2005, 111, 3443-3452.	1.6	100
93	Chemoattractants and their receptors in homeostasis and inflammation. Current Opinion in Immunology, 2004, 16, 724-731.	5.5	98
94	Monocyte chemotactic protein-1, -2, and -3 are distinctively expressed in portal tracts and granulomata in primary biliary cirrhosis: implications for pathogenesis. Journal of Pathology, 2001, 193, 102-109.	4.5	94
95	Discrete Steps in Binding and Signaling of Interleukin-8 with Its Receptor. Journal of Biological Chemistry, 1996, 271, 31202-31209.	3.4	93
96	Decreased maternal serum acetate and impaired fetal thymic and regulatory T cell development in preeclampsia. Nature Communications, 2019, 10, 3031.	12.8	91
97	ILâ€21 enhances the potential of human Î³Î´ T cells to provide Bâ€cell help. European Journal of Immunology, 2012, 42, 110-119.	2.9	90
98	B-Cell Cross-Presentation of Autologous Antigen Precipitates Diabetes. Diabetes, 2012, 61, 2893-2905.	0.6	88
99	Macrophage migration inhibitory factor regulates neutrophil chemotactic responses in inflammatory arthritis in mice. Arthritis and Rheumatism, 2011, 63, 960-970.	6.7	84
100	Maternal carriage of Prevotella during pregnancy associates with protection against food allergy in the offspring. Nature Communications, 2020, 11, 1452.	12.8	84
101	Mature Dendritic Cells Respond to SDF-1, but not to Several Î²-Chemokines. Immunobiology, 1998, 198, 490-500.	1.9	82
102	Phenotype, and migration properties of three major subsets of tissue homing T cells in sheep. European Journal of Immunology, 1996, 26, 2433-2439.	2.9	81
103	Commensal flora and the regulation of inflammatory and autoimmune responses. Seminars in Immunology, 2011, 23, 139-145.	5.6	79
104	Chemokines: What chemokine is that?. Current Biology, 1997, 7, R384-R386.	3.9	78
105	The role of BAFF in B-cell maturation, T-cell activation and autoimmunity. Trends in Immunology, 2002, 23, 113-115.	6.8	77
106	IMMUNOLOGY: Memory T Cells--Local Heroes in the Struggle for Immunity. Science, 2001, 291, 2323-2324.	12.6	75
107	BAFF-R, the major B cellâ€“activating factor receptor, is expressed on most mature B cells and B-cell lymphoproliferative disorders. Human Pathology, 2005, 36, 1113-1119.	2.0	74
108	Regulation of Dendritic Cell Function and T Cell Priming by the Fatty Acid-Binding Protein aP2. Journal of Immunology, 2006, 177, 7794-7801.	0.8	73

#	Article	IF	Citations
109	The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of Klebsiella pneumoniae Infection in the Lung. Frontiers in Immunology, 2018, 9, 142.	4.8	72
110	Dual personality of memory T cells. Nature, 1999, 401, 659-660.	27.8	70
111	Gut microbial metabolite butyrate protects against proteinuric kidney disease through epigeneticâ€and GPR109aâ€mediated mechanisms. FASEB Journal, 2019, 33, 11894-11908.	0.5	70
112	Polymorphism in the 5â€² regulatory region of the B-lymphocyte activating factor gene is associated with the Ro/La autoantibody response and serum BAFF levels in primary SjÃ¶gren's syndrome. Rheumatology, 2008, 47, 1311-1316.	1.9	68
113	Follicular Homing T Helper (Th) Cells and the Th1/Th2 Paradigm. Journal of Experimental Medicine, 2000, 192, F31-F34.	8.5	66
114	C5a receptor 1 promotes autoimmunity, neutrophil dysfunction and injury in experimental anti-myeloperoxidase glomerulonephritis. Kidney International, 2018, 93, 615-625.	5.2	64
115	Contribution of stromal cells to the migration, function and retention of plasma cells in human spleen: potential roles of CXCL12, IL-6 and CD54. European Journal of Immunology, 2005, 35, 699-708.	2.9	63
116	Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote TH2 and inhibit TH17 cell polarization. Nature Immunology, 2021, 22, 1538-1550.	14.5	61
117	Targeting BAFF: Immunomodulation for autoimmune diseases and lymphomas. , 2006, 112, 774-786.		60
118	Expression of Human CD4 in Transgenic Mice Does Not Confer Sensitivity to Human Immunodeficiency Virus Infection. AIDS Research and Human Retroviruses, 1992, 8, 2063-2071.	1.1	56
119	Human C5aR knock-in mice facilitate the production and assessment of anti-inflammatory monoclonal antibodies. Nature Biotechnology, 2006, 24, 1279-1284.	17.5	56
120	Lineage specification and heterogeneity of T follicular helper cells. Current Opinion in Immunology, 2009, 21, 619-625.	5.5	56
121	Guidelines for Transparency on Gut Microbiome Studies in Essential and Experimental Hypertension. Hypertension, 2019, 74, 1279-1293.	2.7	54
122	c-Myb Regulates the T-Bet-Dependent Differentiation Program in B Cells to Coordinate Antibody Responses. Cell Reports, 2017, 19, 461-470.	6.4	53
123	G Protein-Coupled Receptor 43 Modulates Neutrophil Recruitment during Acute Inflammation. PLoS ONE, 2016, 11, e0163750.	2.5	48
124	T Cell Effector Subsets: Extending the Th1/Th2 Paradigm. Advances in Immunology, 2001, 78, 233-266.	2.2	47
125	Immune cell transcriptome datasets reveal novel leukocyte subsetâ€"specific genes and genes associated with allergic processes. Journal of Allergy and Clinical Immunology, 2006, 118, 496-503.	2.9	46
126	Realâ€time interactive twoâ€photon photoconversion of recirculating lymphocytes for discontinuous cell tracking in live adult mice. Journal of Biophotonics, 2014, 7, 425-433.	2.3	46

#	Article	IF	Citations
127	Metabolite-based dietary supplementation in human type 1 diabetes is associated with microbiota and immune modulation. Microbiome, 2022, 10, 9.	11.1	46
128	Granulocyte-Macrophage Colony-Stimulating Factor Is Required for Bronchial Eosinophilia in a Murine Model of Allergic Airway Inflammation. Journal of Immunology, 2008, 180, 2600-2607.	0.8	42
129	Skin-seeking memory T cells. Nature, 1991, 349, 737-738.	27.8	40
130	Expression of CD44 molecules and CD44 ligands during human thymic fetal development: expression of CD44 isoforms is developmentally regulated. International Immunology, 1995, 7, 277-286.	4.0	39
131	Clues to asthma pathogenesis from microarray expression studies. , 2006, 109, 284-294.		35
132	A fully humanized IgG-like bispecific antibody for effective dual targeting of CXCR3 and CCR6. PLoS ONE, 2017, 12, e0184278.	2.5	30
133	CXCR3+CCR5+ T cells and autoimmune diseases: guilty as charged?. Journal of Clinical Investigation, 2014, 124, 3682-3684.	8.2	29
134	GPR43 â€“ A Prototypic Metabolite Sensor Linking Metabolic and Inflammatory Diseases. Trends in Endocrinology and Metabolism, 2015, 26, 511-512.	7.1	28
135	HIV-1 infectability of CD4+ lymphocytes with relation to ÃŽÂ²-chemokines and the CCR5 coreceptor. Immunology Letters, 1999, 66, 71-75.	2.5	27
136	Levels of BAFF in Serum in Primary Biliary Cirrhosis and Autoimmune Diabetes. Autoimmunity, 2002, 35, 551-553.	2.6	27
137	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. Arthritis and Rheumatology, 2016, 68, 1026-1038.	5.6	26
138	Fiber Derived Microbial Metabolites Prevent Acute Kidney Injury Through G-Protein Coupled Receptors and HDAC Inhibition. Frontiers in Cell and Developmental Biology, 2021, 9, 648639.	3.7	26
139	Monoclonal antibody screening of a phage-displayed random peptide library reveals mimotopes of chemokine receptor CCR5: implications for the tertiary structure of the receptor and for an N-terminal binding site for HIV-1 gp120. European Journal of Immunology, 2000, 30, 1162-1171.	2.9	25
140	Chlamydia muridarum Lung Infection in Infants Alters Hematopoietic Cells to Promote Allergic Airway Disease in Mice. PLoS ONE, 2012, 7, e42588.	2.5	25
141	Essential role for CCR6 in certain inflammatory diseases demonstrated using specific antagonist and knockin mice. JCI Insight, 2017, 2, .	5.0	24
142	CD200R1 Supports HSV-1 Viral Replication and Licenses Pro-Inflammatory Signaling Functions of TLR2. PLoS ONE, 2012, 7, e47740.	2.5	24
143	Overlapping gene expression profiles in rheumatoid fibroblast-like synoviocytes induced by the proinflammatory cytokines interleukin-1 ? and tumor necrosis factor. Inflammation Research, 2005, 54, 10-16.	4.0	23
144	An acetateâ€yielding diet imprints an immune and antiâ€microbial programme against enteric infection. Clinical and Translational Immunology, 2021, 10, e1233.	3.8	23

#	Article	IF	Citations
145	GPR43 regulates sodium butyrate-induced angiogenesis and matrix remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1066-H1079.	3.2	21
146	Complexity in human immunodeficiency virus type 1 (HIV-1) co-receptor usage: roles of CCR3 and CCR5 in HIV-1 infection of monocyte-derived macrophages and brain microglia. Journal of General Virology, 2009, 90, 710-722.	2.9	20
147	Targeting NLRP3 and Staphylococcal pore-forming toxin receptors in human-induced pluripotent stem cell-derived macrophages. Journal of Leukocyte Biology, 2020, 108, 967-981.	3.3	19
148	The L3T4 antigen in mouse and the sheep equivalent are immunoglobulin-like. Immunogenetics, 1986, 23, 129-132.	2.4	17
149	Inflammation and Lymphopenia Trigger Autoimmunity by Suppression of IL-2â€“Controlled Regulatory T Cell and Increase of IL-21â€“Mediated Effector T Cell Expansion. Journal of Immunology, 2014, 193, 4845-4858.	0.8	17
150	<scp>BAFF</scp> regulates activation of selfâ€reactive <scp>T</scp> cells through <scp>B</scp>â€cell dependent mechanisms and mediates protection in <scp>NOD</scp> mice. European Journal of Immunology, 2014, 44, 983-993.	2.9	16
151	Propionate Ameliorates Alcohol-Induced Liver Injury in Mice via the Gutâ€“Liver Axis: Focus on the Improvement of Intestinal Permeability. Journal of Agricultural and Food Chemistry, 2022, 70, 6084-6096.	5.2	15
152	Expression of the â€œT19â€•and â€œnull cellâ€•markers on Î³Î´T cells of the sheep. Veterinary Immunology and Immunopathology, 1991, 27, 183-188.	1.2	14
153	Mice Deficient in GEM GTPase Show Abnormal Glucose Homeostasis Due to Defects in Beta-Cell Calcium Handling. PLoS ONE, 2012, 7, e39462.	2.5	14
154	Dysfunctional microbiota with reduced capacity to produce butyrate as a basis for allergic diseases. Journal of Allergy and Clinical Immunology, 2019, 144, 1513-1515.	2.9	13
155	pH and Proton Sensor GPR65 Determine Susceptibility to Atopic Dermatitis. Journal of Immunology, 2021, 207, 101-109.	0.8	13
156	Therapeutic blockade of CXCR2 rapidly clears inflammation in arthritis and atopic dermatitis models: demonstration with surrogate and humanized antibodies. MAbs, 2020, 12, 1856460.	5.2	13
157	Epitopes of the T19 lymphocyte surface antigen are extensively conserved in ruminants. Veterinary Immunology and Immunopathology, 1991, 27, 173-181.	1.2	12
158	Protection against Nippostrongylus brasiliensis infection in mice is independent of GMâ€CSF. Immunology and Cell Biology, 2012, 90, 553-558.	2.3	12
159	GÎ±sâ€coupled <scp>GPCR</scp>s <scp>GPR</scp>65 and <scp>GPR</scp>174. Downers for immune responses. Immunology and Cell Biology, 2018, 96, 341-343.	2.3	12
160	New avenues for anti-inflammatory therapy. Nature Medicine, 2002, 8, 117-118.	30.7	11
161	CCL3L1 dose and HIV-1 susceptibility. Trends in Molecular Medicine, 2005, 11, 203-206.	6.7	11
162	Neutrophil subsets and their differential roles in viral respiratory diseases. Journal of Leukocyte Biology, 2022, 111, 1159-1173.	3.3	11

#	Article	IF	Citations
163	Treatment with anti-C5aR mAb leads to early-onset clinical and mechanistic effects in the murine delayed-type hypersensitivity arthritis model. Autoimmunity, 2015, 48, 460-470.	2.6	10
164	Cyclophosphamide treatment induces rejection of established P815 mastocytoma by enhancing CD4 priming and intratumoral infiltration of P1E/Hâ€2K^dâ€specific CD8⁺ T cells. International Journal of Cancer, 2014, 134, 2841-2852.	5.1	9
165	Renal ACE2 (Angiotensin-Converting Enzyme 2) Expression Is Modulated by Dietary Fiber Intake, Gut Microbiota, and Their Metabolites. Hypertension, 2021, 77, e53-e55.	2.7	9
166	Manipulation of the gut microbiota by the use of prebiotic fibre does not override a genetic predisposition to heart failure. Scientific Reports, 2020, 10, 17919.	3.3	8
167	Neutrophils in cancerâ€"unresolved questions. Science China Life Sciences, 2021, 64, 1829-1841.	4.9	8
168	Immunology and veterinary science. British Veterinary Journal, 1989, 145, 185-190.	0.5	6
169	A new role for CCR5 in innate immunity â€“ binding to bacterial heat shock protein 70. European Journal of Immunology, 2006, 36, 2293-2295.	2.9	6
170	Avenues to autoimmune arthritis triggered by diverse remote inflammatory challenges. Journal of Autoimmunity, 2016, 73, 120-129.	6.5	3
171	Diet, the Gut Microbiome, and Autoimmune Diseases. , 2020, , 331-342.		3
172	Dual personality of memory T cells. Nature, 1999, 402, 3-4.	27.8	2
173	The Concept of Memory T Cells. , 1994, , 159-177.		2
174	Adhesion Molecules and Chemoattractants in Autoimmunity. , 2014, , 297-308.		1
175	Dietary Fiber Drives IL-1Î²â€“Dependent Peritonitis Induced by Bacteroides fragilis via Activation of the NLRP3 Inflammasome. Journal of Immunology, 2021, 206, 2441-2452.	0.8	1
176	Development and Uses for Monoclonal Antibodies to Chemoattractant Receptors. Current Immunology Reviews, 2012, 8, 149-153.	1.2	0
177	Adhesion Molecules and Chemoattractants in the Pathogenesis and Treatment of Autoimmune Diseases. , 2006, , 237-248.		0