

Charles Reay Mackay

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

171
papers

37,038
citations

87
h-index

186
g-index

186
ext. papers

41,394
ext. citations

13.3
avg, IF

7.2
L-index

#	Paper	IF	Citations
171	Metabolite-based dietary supplementation in human type 1 diabetes is associated with microbiota and immune modulation.. <i>Microbiome</i> , 2022 , 10, 9	16.6	6
170	Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote T2 and inhibit T17 cell polarization. <i>Nature Immunology</i> , 2021 , 22, 1538-1550	19.1	9
169	GPR43 regulates sodium butyrate-induced angiogenesis and matrix remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1066-H1079	5.2	5
168	Fiber Derived Microbial Metabolites Prevent Acute Kidney Injury Through G-Protein Coupled Receptors and HDAC Inhibition. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 648639	5.7	12
167	Dietary Fiber Drives IL-1 β Dependent Peritonitis Induced by via Activation of the NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2021 , 206, 2441-2452	5.3	
166	Gut microbial metabolites facilitate anticancer therapy efficacy by modulating cytotoxic CD8 T cell immunity. <i>Cell Metabolism</i> , 2021 , 33, 988-1000.e7	24.6	49
165	pH and Proton Sensor GPR65 Determine Susceptibility to Atopic Dermatitis. <i>Journal of Immunology</i> , 2021 ,	5.3	4
164	Renal ACE2 (Angiotensin-Converting Enzyme 2) Expression Is Modulated by Dietary Fiber Intake, Gut Microbiota, and Their Metabolites. <i>Hypertension</i> , 2021 , 77, e53-e55	8.5	3
163	An acetate-yielding diet imprints an immune and anti-microbial programme against enteric infection. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1233	6.8	10
162	Neutrophils in cancer-unresolved questions. <i>Science China Life Sciences</i> , 2021 , 64, 1829-1841	8.5	1
161	Dietary Fiber Protects against Diabetic Nephropathy through Short-Chain Fatty Acid-Mediated Activation of G Protein-Coupled Receptors GPR43 and GPR109A. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 1267-1281	12.7	53
160	Targeting NLRP3 and Staphylococcal pore-forming toxin receptors in human-induced pluripotent stem cell-derived macrophages. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 967-981	6.5	7
159	Maternal carriage of <i>Prevotella</i> during pregnancy associates with protection against food allergy in the offspring. <i>Nature Communications</i> , 2020 , 11, 1452	17.4	35
158	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. <i>Circulation</i> , 2020 , 141, 1393-1403	16.7	58
157	Therapeutic blockade of CXCR2 rapidly clears inflammation in arthritis and atopic dermatitis models: demonstration with surrogate and humanized antibodies. <i>MAbs</i> , 2020 , 12, 1856460	6.6	6
156	Manipulation of the gut microbiota by the use of prebiotic fibre does not override a genetic predisposition to heart failure. <i>Scientific Reports</i> , 2020 , 10, 17919	4.9	3
155	Acetate coordinates neutrophil and ILC3 responses against <i>C. difficile</i> through FFAR2. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	63

154	Diet, the Gut Microbiome, and Autoimmune Diseases 2020 , 331-342		2
153	Gut microbial metabolite butyrate protects against proteinuric kidney disease through epigenetic- and GPR109a-mediated mechanisms. <i>FASEB Journal</i> , 2019 , 33, 11894-11908	0.9	40
152	Decreased maternal serum acetate and impaired fetal thymic and regulatory T cell development in preeclampsia. <i>Nature Communications</i> , 2019 , 10, 3031	17.4	42
151	Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. <i>Nature Communications</i> , 2019 , 10, 3273	17.4	118
150	Guidelines for Transparency on Gut Microbiome Studies in Essential and Experimental Hypertension. <i>Hypertension</i> , 2019 , 74, 1279-1293	8.5	24
149	Gβ-coupled GPCRs GPR65 and GPR174. Downers for immune responses. <i>Immunology and Cell Biology</i> , 2018 , 96, 341-343	5	6
148	Beyond gut feelings: how the gut microbiota regulates blood pressure. <i>Nature Reviews Cardiology</i> , 2018 , 15, 20-32	14.8	177
147	The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of Infection in the Lung. <i>Frontiers in Immunology</i> , 2018 , 9, 142	8.4	45
146	C5a receptor 1 promotes autoimmunity, neutrophil dysfunction and injury in experimental anti-myeloperoxidase glomerulonephritis. <i>Kidney International</i> , 2018 , 93, 615-625	9.9	38
145	Diet-Derived Short Chain Fatty Acids Stimulate Intestinal Epithelial Cells To Induce Mucosal Tolerogenic Dendritic Cells. <i>Journal of Immunology</i> , 2017 , 198, 2172-2181	5.3	112
144	c-Myb Regulates the T-Bet-Dependent Differentiation Program in B Cells to Coordinate Antibody Responses. <i>Cell Reports</i> , 2017 , 19, 461-470	10.6	34
143	Metabolite-Sensing G Protein-Coupled Receptors-Facilitators of Diet-Related Immune Regulation. <i>Annual Review of Immunology</i> , 2017 , 35, 371-402	34.7	141
142	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. <i>Nature Immunology</i> , 2017 , 18, 552-562	19.1	367
141	High-Fiber Diet and Acetate Supplementation Change the Gut Microbiota and Prevent the Development of Hypertension and Heart Failure in Hypertensive Mice. <i>Circulation</i> , 2017 , 135, 964-977	16.7	415
140	A fully humanized IgG-like bispecific antibody for effective dual targeting of CXCR3 and CCR6. <i>PLoS ONE</i> , 2017 , 12, e0184278	3.7	16
139	The nutrition-gut microbiome-physiology axis and allergic diseases. <i>Immunological Reviews</i> , 2017 , 278, 277-295	11.3	145
138	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion to increase satiety. <i>Molecular Metabolism</i> , 2017 , 6, 48-60	8.8	127
137	Dietary fiber and the short-chain fatty acid acetate promote resolution of neutrophilic inflammation in a model of gout in mice. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 275-284	6.5	71

136	Essential role for CCR6 in certain inflammatory diseases demonstrated using specific antagonist and knockin mice. <i>JCI Insight</i> , 2017 , 2,	9.9	17
135	Avenues to autoimmune arthritis triggered by diverse remote inflammatory challenges. <i>Journal of Autoimmunity</i> , 2016 , 73, 120-9	15.5	3
134	Genetic Coding Variant in GPR65 Alters Lysosomal pH and Links Lysosomal Dysfunction with Colitis Risk. <i>Immunity</i> , 2016 , 44, 1392-405	32.3	68
133	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. <i>Cell Reports</i> , 2016 , 15, 2809-24	10.6	323
132	G Protein-Coupled Receptor 43 Modulates Neutrophil Recruitment during Acute Inflammation. <i>PLoS ONE</i> , 2016 , 11, e0163750	3.7	35
131	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016 , 68, 1028-38	2.5	22
130	Dietary metabolites and the gut microbiota: an alternative approach to control inflammatory and autoimmune diseases. <i>Clinical and Translational Immunology</i> , 2016 , 5, e82	6.8	125
129	An Acetate-Specific GPCR, FFAR2, Regulates Insulin Secretion. <i>Molecular Endocrinology</i> , 2015 , 29, 1055-66		105
128	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. <i>Nature Communications</i> , 2015 , 6, 7320	17.4	474
127	A Role for Gut Microbiota and the Metabolite-Sensing Receptor GPR43 in a Murine Model of Gout. <i>Arthritis and Rheumatology</i> , 2015 , 67, 1646-56	9.5	137
126	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. <i>Nature Communications</i> , 2015 , 6, 6734	17.4	658
125	GPR43 - A Prototypic Metabolite Sensor Linking Metabolic and Inflammatory Diseases. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 511-512	8.8	21
124	Treatment with anti-C5aR mAb leads to early-onset clinical and mechanistic effects in the murine delayed-type hypersensitivity arthritis model. <i>Autoimmunity</i> , 2015 , 48, 460-70	3	10
123	The role of short-chain fatty acids in health and disease. <i>Advances in Immunology</i> , 2014 , 121, 91-119	5.6	953
122	Adhesion Molecules and Chemoattractants in Autoimmunity 2014 , 297-308		0
121	Diet, metabolites, and "western-lifestyle" inflammatory diseases. <i>Immunity</i> , 2014 , 40, 833-42	32.3	546
120	Inflammation and lymphopenia trigger autoimmunity by suppression of IL-2-controlled regulatory T cell and increase of IL-21-mediated effector T cell expansion. <i>Journal of Immunology</i> , 2014 , 193, 4845-58	5.3	14
119	Cyclophosphamide treatment induces rejection of established P815 mastocytoma by enhancing CD4 priming and intratumoral infiltration of P1E/H-2K(d) -specific CD8+ T cells. <i>International Journal of Cancer</i> , 2014 , 134, 2841-52	7.5	6

118	Real-time interactive two-photon photoconversion of recirculating lymphocytes for discontinuous cell tracking in live adult mice. <i>Journal of Biophotonics</i> , 2014 , 7, 425-33	3.1	40
117	BAFF regulates activation of self-reactive T cells through B-cell dependent mechanisms and mediates protection in NOD mice. <i>European Journal of Immunology</i> , 2014 , 44, 983-93	6.1	15
116	CXCR3+CCR5+ T cells and autoimmune diseases: guilty as charged?. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3682-4	15.9	20
115	Circulating precursor CCR7(lo)PD-1(hi) CXCR5+ CD4+ T cells indicate Tfh cell activity and promote antibody responses upon antigen reexposure. <i>Immunity</i> , 2013 , 39, 770-81	32.3	449
114	IL-21 enhances the potential of human Γ cells to provide B-cell help. <i>European Journal of Immunology</i> , 2012 , 42, 110-9	6.1	74
113	Chlamydia muridarum lung infection in infants alters hematopoietic cells to promote allergic airway disease in mice. <i>PLoS ONE</i> , 2012 , 7, e42588	3.7	24
112	Microbial influences on epithelial integrity and immune function as a basis for inflammatory diseases. <i>Immunological Reviews</i> , 2012 , 245, 164-76	11.3	152
111	B-cell cross-presentation of autologous antigen precipitates diabetes. <i>Diabetes</i> , 2012 , 61, 2893-905	0.9	65
110	Protection against <i>Nippostrongylus brasiliensis</i> infection in mice is independent of GM-CSF. <i>Immunology and Cell Biology</i> , 2012 , 90, 553-8	5	8
109	Development and Uses for Monoclonal Antibodies to Chemoattractant Receptors. <i>Current Immunology Reviews</i> , 2012 , 8, 149-153	1.3	
108	Mice deficient in GEM GTPase show abnormal glucose homeostasis due to defects in beta-cell calcium handling. <i>PLoS ONE</i> , 2012 , 7, e39462	3.7	11
107	CD200R1 supports HSV-1 viral replication and licenses pro-inflammatory signaling functions of TLR2. <i>PLoS ONE</i> , 2012 , 7, e47740	3.7	21
106	Specific expression of GPR56 by human cytotoxic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2011 , 90, 735-40	6.5	60
105	Commensal flora and the regulation of inflammatory and autoimmune responses. <i>Seminars in Immunology</i> , 2011 , 23, 139-45	10.7	70
104	Diet, gut microbiota and immune responses. <i>Nature Immunology</i> , 2011 , 12, 5-9	19.1	844
103	Macrophage migration inhibitory factor regulates neutrophil chemotactic responses in inflammatory arthritis in mice. <i>Arthritis and Rheumatism</i> , 2011 , 63, 960-70		70
102	CXCR5 expressing human central memory CD4 T cells and their relevance for humoral immune responses. <i>Journal of Immunology</i> , 2011 , 186, 5556-68	5.3	246
101	The C5a receptor (C5aR) C5L2 is a modulator of C5aR-mediated signal transduction. <i>Journal of Biological Chemistry</i> , 2010 , 285, 7633-44	5.4	176

100	MEDI-563, a humanized anti-IL-5 receptor alpha mAb with enhanced antibody-dependent cell-mediated cytotoxicity function. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 1344-1353.e2	11.5	375
99	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. <i>Journal of General Virology</i> , 2009 , 90, 710-722	4.9	16
98	Lineage specification and heterogeneity of T follicular helper cells. <i>Current Opinion in Immunology</i> , 2009 , 21, 619-25	7.8	51
97	The functional plasticity of T cell subsets. <i>Nature Reviews Immunology</i> , 2009 , 9, 811-6	36.5	201
96	Guidance of B cells by the orphan G protein-coupled receptor EBI2 shapes humoral immune responses. <i>Immunity</i> , 2009 , 31, 259-69	32.3	205
95	The transcriptional repressor Bcl-6 directs T follicular helper cell lineage commitment. <i>Immunity</i> , 2009 , 31, 457-68	32.3	861
94	Regulation of inflammatory responses by gut microbiota and chemoattractant receptor GPR43. <i>Nature</i> , 2009 , 461, 1282-6	50.4	2011
93	Functional roles for C5a receptors in sepsis. <i>Nature Medicine</i> , 2008 , 14, 551-7	50.5	312
92	Receptors for complement C5a. The importance of C5aR and the enigmatic role of C5L2. <i>Immunology and Cell Biology</i> , 2008 , 86, 153-60	5	104
91	T follicular helper (TFH) cells in normal and dysregulated immune responses. <i>Annual Review of Immunology</i> , 2008 , 26, 741-66	34.7	504
90	Moving targets: cell migration inhibitors as new anti-inflammatory therapies. <i>Nature Immunology</i> , 2008 , 9, 988-98	19.1	178
89	Granulocyte-macrophage colony-stimulating factor is required for bronchial eosinophilia in a murine model of allergic airway inflammation. <i>Journal of Immunology</i> , 2008 , 180, 2600-7	5.3	36
88	Polymorphism in the 5' regulatory region of the B-lymphocyte activating factor gene is associated with the Ro/La autoantibody response and serum BAFF levels in primary Sjogren's syndrome. <i>Rheumatology</i> , 2008 , 47, 1311-6	3.9	57
87	A fundamental role for interleukin-21 in the generation of T follicular helper cells. <i>Immunity</i> , 2008 , 29, 127-37	32.3	567
86	Targeting dual-specificity phosphatases: manipulating MAP kinase signalling and immune responses. <i>Nature Reviews Drug Discovery</i> , 2007 , 6, 391-403	64.1	340
85	BAFF and MyD88 signals promote a lupuslike disease independent of T cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1959-71	16.6	303
84	Disrupted cardiac development but normal hematopoiesis in mice deficient in the second CXCL12/SDF-1 receptor, CXCR7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14759-64	11.5	466
83	Clues to asthma pathogenesis from microarray expression studies 2006 , 109, 284-94		33

82	Targeting BAFF: immunomodulation for autoimmune diseases and lymphomas 2006 , 112, 774-86		53
81	A new role for CCR5 in innate immunity--binding to bacterial heat shock protein 70. <i>European Journal of Immunology</i> , 2006 , 36, 2293-5	6.1	6
80	Regulation of dendritic cell function and T cell priming by the fatty acid-binding protein AP2. <i>Journal of Immunology</i> , 2006 , 177, 7794-801	5.3	63
79	Immune cell transcriptome datasets reveal novel leukocyte subset-specific genes and genes associated with allergic processes. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 496-503	11.5	42
78	Human C5aR knock-in mice facilitate the production and assessment of anti-inflammatory monoclonal antibodies. <i>Nature Biotechnology</i> , 2006 , 24, 1279-84	44.5	49
77	Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. <i>Nature Immunology</i> , 2006 , 7, 274-83	19.1	193
76	The adipocyte fatty acid-binding protein aP2 is required in allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2183-2192	15.9	111
75	Traffic of T lymphocytes 2006 , 19-33		
74	Adhesion Molecules and Chemoattractants in the Pathogenesis and Treatment of Autoimmune Diseases 2006 , 237-248		
73	The BAFF/APRIL system: life beyond B lymphocytes. <i>Molecular Immunology</i> , 2005 , 42, 763-72	4.3	118
72	CCL3L1 dose and HIV-1 susceptibility. <i>Trends in Molecular Medicine</i> , 2005 , 11, 203-6	11.5	11
71	BAFF-R, the major B cell-activating factor receptor, is expressed on most mature B cells and B-cell lymphoproliferative disorders. <i>Human Pathology</i> , 2005 , 36, 1113-9	3.7	62
70	Follicular B helper T cells in antibody responses and autoimmunity. <i>Nature Reviews Immunology</i> , 2005 , 5, 853-65	36.5	477
69	Contribution of stromal cells to the migration, function and retention of plasma cells in human spleen: potential roles of CXCL12, IL-6 and CD54. <i>European Journal of Immunology</i> , 2005 , 35, 699-708	6.1	57
68	Overlapping gene expression profiles in rheumatoid fibroblast-like synoviocytes induced by the proinflammatory cytokines interleukin-1 beta and tumor necrosis factor. <i>Inflammation Research</i> , 2005 , 54, 10-6	7.2	22
67	BAFF augments certain Th1-associated inflammatory responses. <i>Journal of Immunology</i> , 2005 , 174, 5537-5544	5.4	114
66	Identification of T cell-restricted genes, and signatures for different T cell responses, using a comprehensive collection of microarray datasets. <i>Journal of Immunology</i> , 2005 , 175, 7837-47	5.3	95
65	A fundamental bimodal role for neuropeptide Y1 receptor in the immune system. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1527-38	16.6	160

64	Gene profiling in atherosclerosis reveals a key role for small inducible cytokines: validation using a novel monocyte chemoattractant protein monoclonal antibody. <i>Circulation</i> , 2005 , 111, 3443-52	16.7	89
63	T follicular helper cells express a distinctive transcriptional profile, reflecting their role as non-Th1/Th2 effector cells that provide help for B cells. <i>Journal of Immunology</i> , 2004 , 173, 68-78	5.3	577
62	TNF deficiency fails to protect BAFF transgenic mice against autoimmunity and reveals a predisposition to B cell lymphoma. <i>Journal of Immunology</i> , 2004 , 172, 812-22	5.3	145
61	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. <i>Journal of Immunology</i> , 2004 , 173, 807-17	5.3	388
60	Chemoattractants and their receptors in homeostasis and inflammation. <i>Current Opinion in Immunology</i> , 2004 , 16, 724-31	7.8	93
59	Identification of circulating antigen-specific CD4+ T lymphocytes with a CCR5+, cytotoxic phenotype in an HIV-1 long-term nonprogressor and in CMV infection. <i>Blood</i> , 2004 , 103, 2238-47	2.2	124
58	Levels of BAFF in serum in primary biliary cirrhosis and autoimmune diabetes. <i>Autoimmunity</i> , 2002 , 35, 551-3	3	25
57	Association of BAFF/BLyS overexpression and altered B cell differentiation with Sjögren's syndrome. <i>Journal of Clinical Investigation</i> , 2002 , 109, 59-68	15.9	581
56	Association of BAFF/BLyS overexpression and altered B cell differentiation with Sjögren's syndrome. <i>Journal of Clinical Investigation</i> , 2002 , 109, 59-68	15.9	263
55	Monocyte chemotactic protein-1, -2, and -3 are distinctively expressed in portal tracts and granulomata in primary biliary cirrhosis: implications for pathogenesis. <i>Journal of Pathology</i> , 2001 , 193, 102-9	9.4	82
54	Chemokines: immunology's high impact factors. <i>Nature Immunology</i> , 2001 , 2, 95-101	19.1	694
53	Gene microarrays reveal extensive differential gene expression in both CD4(+) and CD8(+) type 1 and type 2 T cells. <i>Journal of Immunology</i> , 2001 , 167, 3057-63	5.3	117
52	T cell effector subsets: extending the Th1/Th2 paradigm. <i>Advances in Immunology</i> , 2001 , 78, 233-66	5.6	41
51	Immunology. Memory T cells--local heroes in the struggle for immunity. <i>Science</i> , 2001 , 291, 2323-4	33.3	36
50	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. <i>European Journal of Immunology</i> , 2000 , 30, 1162-71	6.1	24
49	Follicular homing T helper (Th) cells and the Th1/Th2 paradigm. <i>Journal of Experimental Medicine</i> , 2000 , 192, F31-4	16.6	58
48	Enhanced levels of functional HIV-1 co-receptors on human mucosal T cells demonstrated using intestinal biopsy tissue. <i>Aids</i> , 2000 , 14, 1761-5	3.5	133
47	T-cell function and migration. Two sides of the same coin. <i>New England Journal of Medicine</i> , 2000 , 343, 1020-34	59.2	1224

46	The role of chemokine receptors in primary, effector, and memory immune responses. <i>Annual Review of Immunology</i> , 2000 , 18, 593-620	34.7	891
45	HIV-1 infectability of CD4+ lymphocytes with relation to beta-chemokines and the CCR5 coreceptor. <i>Immunology Letters</i> , 1999 , 66, 71-5	4.1	26
44	Reduced HIV-1 infectability of CD4+ lymphocytes from exposed-uninfected individuals: association with low expression of CCR5 and high production of beta-chemokines. <i>Virology</i> , 1998 , 244, 66-73	3.6	138
43	The chemokine receptor CXCR3 mediates rapid and shear-resistant adhesion-induction of effector T lymphocytes by the chemokines IP10 and Mig. <i>European Journal of Immunology</i> , 1998 , 28, 961-72	6.1	202
42	Rapid and coordinated switch in chemokine receptor expression during dendritic cell maturation. <i>European Journal of Immunology</i> , 1998 , 28, 2760-9	6.1	949
41	Chemokines and chemokine receptors in T-cell priming and Th1/Th2-mediated responses. <i>Trends in Immunology</i> , 1998 , 19, 568-74		806
40	Mature dendritic cells respond to SDF-1, but not to several beta-chemokines. <i>Immunobiology</i> , 1998 , 198, 490-500	3.4	74
39	Immunohistochemical study of the beta-chemokine receptors CCR3 and CCR5 and their ligands in normal and Alzheimer's disease brains. <i>American Journal of Pathology</i> , 1998 , 153, 31-7	5.8	238
38	Flexible programs of chemokine receptor expression on human polarized T helper 1 and 2 lymphocytes. <i>Journal of Experimental Medicine</i> , 1998 , 187, 875-83	16.6	1360
37	The chemokine receptors CXCR3 and CCR5 mark subsets of T cells associated with certain inflammatory reactions. <i>Journal of Clinical Investigation</i> , 1998 , 101, 746-54	15.9	1073
36	Amino-terminal substitutions in the CCR5 coreceptor impair gp120 binding and human immunodeficiency virus type 1 entry. <i>Journal of Virology</i> , 1998 , 72, 279-85	6.6	188
35	Genetic subtype-independent inhibition of human immunodeficiency virus type 1 replication by CC and CXC chemokines. <i>Journal of Virology</i> , 1998 , 72, 396-404	6.6	104
34	Role of the beta-chemokine receptors CCR3 and CCR5 in human immunodeficiency virus type 1 infection of monocytes and microglia. <i>Journal of Virology</i> , 1998 , 72, 3351-61	6.6	120
33	CCR5 levels and expression pattern correlate with infectability by macrophage-tropic HIV-1, in vitro. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1681-91	16.6	641
32	HIV-1 entry and macrophage inflammatory protein-1beta-mediated signaling are independent functions of the chemokine receptor CCR5. <i>Journal of Biological Chemistry</i> , 1997 , 272, 6854-7	5.4	164
31	Interaction of chemokine receptor CCR5 with its ligands: multiple domains for HIV-1 gp120 binding and a single domain for chemokine binding. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1373-81	16.6	337
30	The HIV coreceptors CXCR4 and CCR5 are differentially expressed and regulated on human T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 1925-30	11.5	929
29	Selective expression of the eotaxin receptor CCR3 by human T helper 2 cells. <i>Science</i> , 1997 , 277, 2005-7	33.3	916

28	CCR3 and CCR5 are co-receptors for HIV-1 infection of microglia. <i>Nature</i> , 1997 , 385, 645-9	50.4	821
27	Chemokines: what chemokine is that?. <i>Current Biology</i> , 1997 , 7, R384-6	6.3	69
26	Enhanced expression of eotaxin and CCR3 mRNA and protein in atopic asthma. Association with airway hyperresponsiveness and predominant co-localization of eotaxin mRNA to bronchial epithelial and endothelial cells. <i>European Journal of Immunology</i> , 1997 , 27, 3507-16	6.1	383
25	Complement C5a, TGF-beta 1, and MCP-1, in sequence, induce migration of monocytes into ischemic canine myocardium within the first one to five hours after reperfusion. <i>Circulation</i> , 1997 , 95, 684-92	16.7	155
24	Induction of monocyte chemoattractant protein-1 in the small veins of the ischemic and reperfused canine myocardium. <i>Circulation</i> , 1997 , 95, 693-700	16.7	129
23	The beta-chemokine receptors CCR3 and CCR5 facilitate infection by primary HIV-1 isolates. <i>Cell</i> , 1996 , 85, 1135-48	56.2	2099
22	Expression of monocyte chemoattractant protein-1 and interleukin-8 receptors on subsets of T cells: correlation with transendothelial chemotactic potential. <i>European Journal of Immunology</i> , 1996 , 26, 640-7	6.1	153
21	Phenotype, and migration properties of three major subsets of tissue homing T cells in sheep. <i>European Journal of Immunology</i> , 1996 , 26, 2433-9	6.1	76
20	Discrete steps in binding and signaling of interleukin-8 with its receptor. <i>Journal of Biological Chemistry</i> , 1996 , 271, 31202-9	5.4	80
19	Expression of CD44 molecules and CD44 ligands during human thymic fetal development: expression of CD44 isoforms is developmentally regulated. <i>International Immunology</i> , 1995 , 7, 277-86	4.9	33
18	The Concept of Memory T Cells 1994 , 159-177		2
17	Immunological memory. <i>Advances in Immunology</i> , 1993 , 53, 217-65	5.6	157
16	Homing of naive, memory and effector lymphocytes. <i>Current Opinion in Immunology</i> , 1993 , 5, 423-7	7.8	256
15	Expression of human CD4 in transgenic mice does not confer sensitivity to human immunodeficiency virus infection. <i>AIDS Research and Human Retroviruses</i> , 1992 , 8, 2063-71	1.6	50
14	Tissue-specific migration pathways by phenotypically distinct subpopulations of memory T cells. <i>European Journal of Immunology</i> , 1992 , 22, 887-95	6.1	222
13	Altered patterns of T cell migration through lymph nodes and skin following antigen challenge. <i>European Journal of Immunology</i> , 1992 , 22, 2205-10	6.1	137
12	T-cell memory: the connection between function, phenotype and migration pathways. <i>Trends in Immunology</i> , 1991 , 12, 189-92		251
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5	Immunology and veterinary science. <i>British Veterinary Journal</i> , 1989 , 145, 185-90		6
4	Unusual expression of CD2 in sheep: implications for T cell interactions. <i>European Journal of Immunology</i> , 1988 , 18, 1681-8	6.1	102
3	Three distinct subpopulations of sheep T lymphocytes. <i>European Journal of Immunology</i> , 1986 , 16, 19-256.1		168
2	The L3T4 antigen in mouse and the sheep equivalent are immunoglobulin-like. <i>Immunogenetics</i> , 1986 , 23, 129-32	3.2	17
1	The skin environment controls local dendritic cell differentiation and function through innate IL-13		1