

Charles Reay Mackay

List of Publications by Year in descending order

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177
papers

45,478
citations

2795

94
h-index

4419

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. <i>Nature</i> , 2009, 461, 1282-1286.	13.7	2,534
2	The $\hat{2}$ -Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates. <i>Cell</i> , 1996, 85, 1135-1148.	13.5	2,432
3	The Role of Short-Chain Fatty Acids in Health and Disease. <i>Advances in Immunology</i> , 2014, 121, 91-119.	1.1	1,587
4	Flexible Programs of Chemokine Receptor Expression on Human Polarized T Helper 1 and 2 Lymphocytes. <i>Journal of Experimental Medicine</i> , 1998, 187, 875-883.	4.2	1,488
5	T-Cell Function and Migration " Two Sides of the Same Coin. <i>New England Journal of Medicine</i> , 2000, 343, 1020-1034.	13.9	1,387
6	The chemokine receptors CXCR3 and CCR5 mark subsets of T cells associated with certain inflammatory reactions.. <i>Journal of Clinical Investigation</i> , 1998, 101, 746-754.	3.9	1,252
7	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, 1925-1930.	3.3	1,054
8	Diet, gut microbiota and immune responses. <i>Nature Immunology</i> , 2011, 12, 5-9.	7.0	1,050
9	The Transcriptional Repressor Bcl-6 Directs T Follicular Helper Cell Lineage Commitment. <i>Immunity</i> , 2009, 31, 457-468.	6.6	1,041
10	Rapid and coordinated switch in chemokine receptor expression during dendritic cell maturation. <i>European Journal of Immunology</i> , 1998, 28, 2760-2769.	1.6	1,020
11	Selective Expression of the Eotaxin Receptor CCR3 by Human T Helper 2 Cells. <i>Science</i> , 1997, 277, 2005-2007.	6.0	1,011
12	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. <i>Nature Communications</i> , 2015, 6, 6734.	5.8	983
13	The Role of Chemokine Receptors in Primary, Effector, and Memory Immune Responses. <i>Annual Review of Immunology</i> , 2000, 18, 593-620.	9.5	969
14	CCR3 and CCR5 are co-receptors for HIV-1 infection of microglia. <i>Nature</i> , 1997, 385, 645-649.	13.7	945
15	Chemokines and chemokine receptors in T-cell priming and Th1/Th2-mediated responses. <i>Trends in Immunology</i> , 1998, 19, 568-574.	7.5	864
16	Chemokines: immunology's high impact factors. <i>Nature Immunology</i> , 2001, 2, 95-101.	7.0	760
17	Diet, Metabolites, and "Western-Lifestyle" Inflammatory Diseases. <i>Immunity</i> , 2014, 40, 833-842.	6.6	736
18	CCR5 Levels and Expression Pattern Correlate with Infectability by Macrophage-tropic HIV-1, In Vitro. <i>Journal of Experimental Medicine</i> , 1997, 185, 1681-1692.	4.2	728

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19	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.	1.6	695
20	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. <i>Nature Communications</i> , 2015, 6, 7320.	5.8	683
21	Association of BAFF/BLyS overexpression and altered B cell differentiation with Sjögren's syndrome. <i>Journal of Clinical Investigation</i> , 2002, 109, 59-68.	3.9	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. <i>Journal of Immunology</i> , 2004, 173, 68-78.	0.4	650
23	A Fundamental Role for Interleukin-21 in the Generation of T Follicular Helper Cells. <i>Immunity</i> , 2008, 29, 127-137.	6.6	646
24	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, 770-781.	6.6	571
25	T Follicular Helper (T _{FH}) Cells in Normal and Dysregulated Immune Responses. <i>Annual Review of Immunology</i> , 2008, 26, 741-766.	9.5	557
26	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. <i>Nature Immunology</i> , 2017, 18, 552-562.	7.0	551
27	Follicular B helper T cells in antibody responses and autoimmunity. <i>Nature Reviews Immunology</i> , 2005, 5, 853-865.	10.6	541
28	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, 14759-14764.	3.3	541
29	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. <i>Cell Reports</i> , 2016, 15, 2809-2824.	2.9	489
30	MEDI-563, a humanized anti-IL-5 receptor α mAb with enhanced antibody-dependent cell-mediated cytotoxicity function. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1344-1353.e2.	1.5	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. <i>Journal of Immunology</i> , 2004, 173, 807-817.	0.4	436
32	Targeting dual-specificity phosphatases: manipulating MAP kinase signalling and immune responses. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 391-403.	21.5	429
33	Prominence of $\gamma\delta$ T cells in the ruminant immune system. <i>Trends in Immunology</i> , 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 co-localization of eotaxin mRNA to bronchial epithelial and endothelial cells. <i>European Journal of Immunology</i> , 1997, 27, 3507-3516.	1.6	407
35	Association of BAFF/BLyS overexpression and altered B cell differentiation with Sjögren's syndrome. <i>Journal of Clinical Investigation</i> , 2002, 109, 59-68.	3.9	383
36	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, 1373-1381.	4.2	371

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37	Functional roles for C5a receptors in sepsis. <i>Nature Medicine</i> , 2008, 14, 551-557.	15.2	364
38	BAFF and MyD88 signals promote a lupuslike disease independent of T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 1959-1971.	4.2	332
39	CXCR5 Expressing Human Central Memory CD4 T Cells and Their Relevance for Humoral Immune Responses. <i>Journal of Immunology</i> , 2011, 186, 5556-5568.	0.4	296
40	Beyond gut feelings: how the gut microbiota regulates blood pressure. <i>Nature Reviews Cardiology</i> , 2018, 15, 20-32.	6.1	287
41	T-cell memory: the connection between function, phenotype and migration pathways. <i>Trends in Immunology</i> , 1991, 12, 189-192.	7.5	279
42	Homing of naive, memory and effector lymphocytes. <i>Current Opinion in Immunology</i> , 1993, 5, 423-427.	2.4	275
43	Immunohistochemical Study of the \hat{I}^2 -Chemokine Receptors CCR3 and CCR5 and Their Ligands in Normal and Alzheimer's Disease Brains. <i>American Journal of Pathology</i> , 1998, 153, 31-37.	1.9	274
44	Somatic generation of diversity in a mammalian primary lymphoid organ: The sheep ileal Peyer's patches. <i>Cell</i> , 1991, 64, 995-1005.	13.5	267
45	Gut microbial metabolites facilitate anticancer therapy efficacy by modulating cytotoxic CD8+ T cell immunity. <i>Cell Metabolism</i> , 2021, 33, 988-1000.e7.	7.2	264
46	Guidance of B Cells by the Orphan G Protein-Coupled Receptor EB12 Shapes Humoral Immune Responses. <i>Immunity</i> , 2009, 31, 259-269.	6.6	248
47	Tissue-specific migration pathways by phenotypically distinct subpopulations of memory T cells. <i>European Journal of Immunology</i> , 1992, 22, 887-895.	1.6	245
48	The functional plasticity of T cell subsets. <i>Nature Reviews Immunology</i> , 2009, 9, 811-816.	10.6	241
49	Metabolite-Sensing G Protein-Coupled Receptors Facilitators of Diet-Related Immune Regulation. <i>Annual Review of Immunology</i> , 2017, 35, 371-402.	9.5	235
50	Microbiota-derived acetate protects against respiratory syncytial virus infection through a GPR43-type 1 interferon response. <i>Nature Communications</i> , 2019, 10, 3273.	5.8	234
51	Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. <i>Nature Immunology</i> , 2006, 7, 274-283.	7.0	228
52	The nutrition-gut microbiome-physiology axis and allergic diseases. <i>Immunological Reviews</i> , 2017, 278, 277-295.	2.8	223
53	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, 961-972.	1.6	215
54	The C5a Receptor (C5aR) C5L2 Is a Modulator of C5aR-mediated Signal Transduction. <i>Journal of Biological Chemistry</i> , 2010, 285, 7633-7644.	1.6	213

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55	\hat{I}^3/\hat{I}^1 T cells express a unique surface molecule appearing late during thymic development. <i>European Journal of Immunology</i> , 1989, 19, 1477-1483.	1.6	209
56	Amino-Terminal Substitutions in the CCR5 Coreceptor Impair gp120 Binding and Human Immunodeficiency Virus Type 1 Entry. <i>Journal of Virology</i> , 1998, 72, 279-285.	1.5	209
57	Moving targets: cell migration inhibitors as new anti-inflammatory therapies. <i>Nature Immunology</i> , 2008, 9, 988-998.	7.0	199
58	Dietary metabolites and the gut microbiota: an alternative approach to control inflammatory and autoimmune diseases. <i>Clinical and Translational Immunology</i> , 2016, 5, e82.	1.7	196
59	A Role for Gut Microbiota and the Metabolite- \hat{E} Sensing Receptor GPR43 in a Murine Model of Gout. <i>Arthritis and Rheumatology</i> , 2015, 67, 1646-1656.	2.9	192
60	Complement C5a, TGF- \hat{I}^2 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, 684-692.	1.6	188
61	Three distinct subpopulations of sheep T lymphocytes. <i>European Journal of Immunology</i> , 1986, 16, 19-25.	1.6	187
62	HIV-1 Entry and Macrophage Inflammatory Protein- \hat{I}^2 -mediated Signaling Are Independent Functions of the Chemokine Receptor CCR5. <i>Journal of Biological Chemistry</i> , 1997, 272, 6854-6857.	1.6	186
63	Microbial influences on epithelial integrity and immune function as a basis for inflammatory diseases. <i>Immunological Reviews</i> , 2012, 245, 164-176.	2.8	186
64	A large proportion of bovine T cells express the \hat{I}^3/\hat{I}^1 T cell receptor and show a distinct tissue distribution and surface phenotype. <i>International Immunology</i> , 1989, 1, 540-545.	1.8	182
65	A fundamental bimodal role for neuropeptide Y1 receptor in the immune system. <i>Journal of Experimental Medicine</i> , 2005, 202, 1527-1538.	4.2	179
66	Fermentable carbohydrate stimulates FFAR2-dependent colonic PYY cell expansion \hat{A} to \hat{A} increase satiety. <i>Molecular Metabolism</i> , 2017, 6, 48-60.	3.0	179
67	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. <i>Circulation</i> , 2020, 141, 1393-1403.	1.6	176
68	Immunological Memory. <i>Advances in Immunology</i> , 1993, 53, 217-265.	1.1	174
69	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.	0.4	172
70	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, 640-647.	1.6	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. <i>Blood</i> , 2004, 103, 2238-2247.	0.6	160
72	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, 812-822.	0.4	154

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73	Reduced HIV-1 Infectability of CD4+Lymphocytes from Exposed-Uninfected Individuals: Association with Low Expression of CCR5 and High Production of β -Chemokines. <i>Virology</i> , 1998, 244, 66-73.	1.1	153
74	Enhanced levels of functional HIV-1 co-receptors on human mucosal T cells demonstrated using intestinal biopsy tissue. <i>Aids</i> , 2000, 14, 1761-1765.	1.0	153
75	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.	3.0	153
76	Induction of Monocyte Chemoattractant Protein-1 in the Small Veins of the Ischemic and Reperfused Canine Myocardium. <i>Circulation</i> , 1997, 95, 693-700.	1.6	147
77	Altered patterns of T cell migration through lymph nodes and skin following antigen challenge. <i>European Journal of Immunology</i> , 1992, 22, 2205-2210.	1.6	146
78	Role of the β -Chemokine Receptors CCR3 and CCR5 in Human Immunodeficiency Virus Type 1 Infection of Monocytes and Microglia. <i>Journal of Virology</i> , 1998, 72, 3351-3361.	1.5	146
79	The BAFF/APRIL system: life beyond B lymphocytes. <i>Molecular Immunology</i> , 2005, 42, 763-772.	1.0	141
80	An Acetate-Specific GPCR, FFAR2, Regulates Insulin Secretion. <i>Molecular Endocrinology</i> , 2015, 29, 1055-1066.	3.7	139
81	The adipocyte fatty acid-binding protein aP2 is required in allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2006, 116, 2183-2192.	3.9	130
82	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.	1.5	128
83	BAFF Augments Certain Th1-Associated Inflammatory Responses. <i>Journal of Immunology</i> , 2005, 174, 5537-5544.	0.4	124
84	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, 3057-3063.	0.4	123
85	Receptors for complement C5a. The importance of C5aR and the enigmatic role of C5L2. <i>Immunology and Cell Biology</i> , 2008, 86, 153-160.	1.0	118
86	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, 7837-7847.	0.4	117
87	Acetate coordinates neutrophil and ILC3 responses against <i>C. difficile</i> through FFAR2. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	116
88	Unusual expression of CD2 in sheep: implications for T cell interactions. <i>European Journal of Immunology</i> , 1988, 18, 1681-1688.	1.6	109
89	Genetic Coding Variant in GPR65 Alters Lysosomal pH and Links Lysosomal Dysfunction with Colitis Risk. <i>Immunity</i> , 2016, 44, 1392-1405.	6.6	106
90	Specific expression of GPR56 by human cytotoxic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2011, 90, 735-740.	1.5	104

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91	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.	1.5	104
92	Gene Profiling in Atherosclerosis Reveals a Key Role for Small Inducible Cytokines. <i>Circulation</i> , 2005, 111, 3443-3452.	1.6	100
93	Chemoattractants and their receptors in homeostasis and inflammation. <i>Current Opinion in Immunology</i> , 2004, 16, 724-731.	2.4	98
94	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, 102-109.	2.1	94
95	Discrete Steps in Binding and Signaling of Interleukin-8 with Its Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 31202-31209.	1.6	93
96	Decreased maternal serum acetate and impaired fetal thymic and regulatory T cell development in preeclampsia. <i>Nature Communications</i> , 2019, 10, 3031.	5.8	91
97	IL-21 enhances the potential of human $\gamma\delta$ T cells to provide B cell help. <i>European Journal of Immunology</i> , 2012, 42, 110-119.	1.6	90
98	B-Cell Cross-Presentation of Autologous Antigen Precipitates Diabetes. <i>Diabetes</i> , 2012, 61, 2893-2905.	0.3	88
99	Macrophage migration inhibitory factor regulates neutrophil chemotactic responses in inflammatory arthritis in mice. <i>Arthritis and Rheumatism</i> , 2011, 63, 960-970.	6.7	84
100	Maternal carriage of <i>Prevotella</i> during pregnancy associates with protection against food allergy in the offspring. <i>Nature Communications</i> , 2020, 11, 1452.	5.8	84
101	Mature Dendritic Cells Respond to SDF-1, but not to Several β -Chemokines. <i>Immunobiology</i> , 1998, 198, 490-500.	0.8	82
102	Phenotype, and migration properties of three major subsets of tissue homing T cells in sheep. <i>European Journal of Immunology</i> , 1996, 26, 2433-2439.	1.6	81
103	Commensal flora and the regulation of inflammatory and autoimmune responses. <i>Seminars in Immunology</i> , 2011, 23, 139-145.	2.7	79
104	Chemokines: What chemokine is that?. <i>Current Biology</i> , 1997, 7, R384-R386.	1.8	78
105	The role of BAFF in B-cell maturation, T-cell activation and autoimmunity. <i>Trends in Immunology</i> , 2002, 23, 113-115.	2.9	77
106	IMMUNOLOGY: Memory T Cells—Local Heroes in the Struggle for Immunity. <i>Science</i> , 2001, 291, 2323-2324.	6.0	75
107	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, 1113-1119.	1.1	74
108	Regulation of Dendritic Cell Function and T Cell Priming by the Fatty Acid-Binding Protein aP2. <i>Journal of Immunology</i> , 2006, 177, 7794-7801.	0.4	73

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109	The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of <i>Klebsiella pneumoniae</i> Infection in the Lung. <i>Frontiers in Immunology</i> , 2018, 9, 142.	2.2	72
110	Dual personality of memory T cells. <i>Nature</i> , 1999, 401, 659-660.	13.7	70
111	Gut microbial metabolite butyrate protects against proteinuric kidney disease through epigenetic and GPR109a-mediated mechanisms. <i>FASEB Journal</i> , 2019, 33, 11894-11908.	0.2	70
112	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 Sjögren's syndrome. <i>Rheumatology</i> , 2008, 47, 1311-1316.	0.9	68
113	Follicular Homing T Helper (Th) Cells and the Th1/Th2 Paradigm. <i>Journal of Experimental Medicine</i> , 2000, 192, F31-F34.	4.2	66
114	C5a receptor 1 promotes autoimmunity, neutrophil dysfunction and injury in experimental anti-myeloperoxidase glomerulonephritis. <i>Kidney International</i> , 2018, 93, 615-625.	2.6	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. <i>European Journal of Immunology</i> , 2005, 35, 699-708.	1.6	63
116	Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote TH2 and inhibit TH17 cell polarization. <i>Nature Immunology</i> , 2021, 22, 1538-1550.	7.0	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. <i>AIDS Research and Human Retroviruses</i> , 1992, 8, 2063-2071.	0.5	56
119	Human C5aR knock-in mice facilitate the production and assessment of anti-inflammatory monoclonal antibodies. <i>Nature Biotechnology</i> , 2006, 24, 1279-1284.	9.4	56
120	Lineage specification and heterogeneity of T follicular helper cells. <i>Current Opinion in Immunology</i> , 2009, 21, 619-625.	2.4	56
121	Guidelines for Transparency on Gut Microbiome Studies in Essential and Experimental Hypertension. <i>Hypertension</i> , 2019, 74, 1279-1293.	1.3	54
122	c-Myb Regulates the T-Bet-Dependent Differentiation Program in B Cells to Coordinate Antibody Responses. <i>Cell Reports</i> , 2017, 19, 461-470.	2.9	53
123	G Protein-Coupled Receptor 43 Modulates Neutrophil Recruitment during Acute Inflammation. <i>PLoS ONE</i> , 2016, 11, e0163750.	1.1	48
124	T Cell Effector Subsets: Extending the Th1/Th2 Paradigm. <i>Advances in Immunology</i> , 2001, 78, 233-266.	1.1	47
125	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.	1.5	46
126	Real-time interactive two-photon photoconversion of recirculating lymphocytes for discontinuous cell tracking in live adult mice. <i>Journal of Biophotonics</i> , 2014, 7, 425-433.	1.1	46

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127	Metabolite-based dietary supplementation in human type 1 diabetes is associated with microbiota and immune modulation. <i>Microbiome</i> , 2022, 10, 9.	4.9	46
128	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, 2600-2607.	0.4	42
129	Skin-seeking memory T cells. <i>Nature</i> , 1991, 349, 737-738.	13.7	40
130	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, 277-286.	1.8	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. <i>PLoS ONE</i> , 2017, 12, e0184278.	1.1	30
133	CXCR3+CCR5+ T cells and autoimmune diseases: guilty as charged?. <i>Journal of Clinical Investigation</i> , 2014, 124, 3682-3684.	3.9	29
134	GPR43 – A Prototypic Metabolite Sensor Linking Metabolic and Inflammatory Diseases. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 511-512.	3.1	28
135	HIV-1 infectability of CD4+ lymphocytes with relation to CXCR3-chemokines and the CCR5 coreceptor. <i>Immunology Letters</i> , 1999, 66, 71-75.	1.1	27
136	Levels of BAFF in Serum in Primary Biliary Cirrhosis and Autoimmune Diabetes. <i>Autoimmunity</i> , 2002, 35, 551-553.	1.2	27
137	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, 1026-1038.	2.9	26
138	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.	1.8	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. <i>European Journal of Immunology</i> , 2000, 30, 1162-1171.	1.6	25
140	Chlamydia muridarum Lung Infection in Infants Alters Hematopoietic Cells to Promote Allergic Airway Disease in Mice. <i>PLoS ONE</i> , 2012, 7, e42588.	1.1	25
141	Essential role for CCR6 in certain inflammatory diseases demonstrated using specific antagonist and knockin mice. <i>JCI Insight</i> , 2017, 2, .	2.3	24
142	CD200R1 Supports HSV-1 Viral Replication and Licenses Pro-Inflammatory Signaling Functions of TLR2. <i>PLoS ONE</i> , 2012, 7, e47740.	1.1	24
143	Overlapping gene expression profiles in rheumatoid fibroblast-like synoviocytes induced by the proinflammatory cytokines interleukin-1 ? and tumor necrosis factor. <i>Inflammation Research</i> , 2005, 54, 10-16.	1.6	23
144	An acetate-yielding diet imprints an immune and anti-microbial programme against enteric infection. <i>Clinical and Translational Immunology</i> , 2021, 10, e1233.	1.7	23

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145	GPR43 regulates sodium butyrate-induced angiogenesis and matrix remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1066-H1079.	1.5	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. <i>Journal of General Virology</i> , 2009, 90, 710-722.	1.3	20
147	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.	1.5	19
148	The L3T4 antigen in mouse and the sheep equivalent are immunoglobulin-like. <i>Immunogenetics</i> , 1986, 23, 129-132.	1.2	17
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