

# Reinhold Forster

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/569896/publications.pdf>

Version: 2024-02-01

220  
papers

36,792  
citations

8732

75  
h-index

3094

187  
g-index

231  
all docs

231  
docs citations

231  
times ranked

35374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two subsets of memory T lymphocytes with distinct homing potentials and effector functions. <i>Nature</i> , 1999, 401, 708-712.	13.7	5,333
2	CCR7 Coordinates the Primary Immune Response by Establishing Functional Microenvironments in Secondary Lymphoid Organs. <i>Cell</i> , 1999, 99, 23-33.	13.5	2,122
3	CD40 ligand on activated platelets triggers an inflammatory reaction of endothelial cells. <i>Nature</i> , 1998, 391, 591-594.	13.7	1,914
4	Follicular B Helper T Cells Express Cxc Chemokine Receptor 5, Localize to B Cell Follicles, and Support Immunoglobulin Production. <i>Journal of Experimental Medicine</i> , 2000, 192, 1545-1552.	4.2	1,284
5	Rapid leukocyte migration by integrin-independent flowing and squeezing. <i>Nature</i> , 2008, 453, 51-55.	13.7	1,227
6	CCR7 and its ligands: balancing immunity and tolerance. <i>Nature Reviews Immunology</i> , 2008, 8, 362-371.	10.6	1,131
7	A chemokine-driven positive feedback loop organizes lymphoid follicles. <i>Nature</i> , 2000, 406, 309-314.	13.7	1,103
8	A Putative Chemokine Receptor, BLR1, Directs B Cell Migration to Defined Lymphoid Organs and Specific Anatomic Compartments of the Spleen. <i>Cell</i> , 1996, 87, 1037-1047.	13.5	1,059
9	Skewed maturation of memory HIV-specific CD8 T lymphocytes. <i>Nature</i> , 2001, 410, 106-111.	13.7	910
10	CCR7 Governs Skin Dendritic Cell Migration under Inflammatory and Steady-State Conditions. <i>Immunity</i> , 2004, 21, 279-288.	6.6	873
11	Intestinal Tolerance Requires Gut Homing and Expansion of FoxP3+ Regulatory T Cells in the Lamina Propria. <i>Immunity</i> , 2011, 34, 237-246.	6.6	757
12	Functional specialization of gut CD103+ dendritic cells in the regulation of tissue-selective T cell homing. <i>Journal of Experimental Medicine</i> , 2005, 202, 1063-1073.	4.2	635
13	Oral tolerance originates in the intestinal immune system and relies on antigen carriage by dendritic cells. <i>Journal of Experimental Medicine</i> , 2006, 203, 519-527.	4.2	603
14	Distinct patterns and kinetics of chemokine production regulate dendritic cell function. <i>European Journal of Immunology</i> , 1999, 29, 1617-1625.	1.6	588
15	Dendritic cell migration in health and disease. <i>Nature Reviews Immunology</i> , 2017, 17, 30-48.	10.6	581
16	HEVs, lymphatics and homeostatic immune cell trafficking in lymph nodes. <i>Nature Reviews Immunology</i> , 2012, 12, 762-773.	10.6	567
17	Balanced responsiveness to chemoattractants from adjacent zones determines B-cell position. <i>Nature</i> , 2002, 416, 94-99.	13.7	506
18	Chemokine Requirements for B Cell Entry to Lymph Nodes and Peyer's Patches. <i>Journal of Experimental Medicine</i> , 2002, 196, 65-75.	4.2	479

#	ARTICLE	IF	CITATIONS
19	CCR6 Mediates Dendritic Cell Localization, Lymphocyte Homeostasis, and Immune Responses in Mucosal Tissue. <i>Immunity</i> , 2000, 12, 495-503.	6.6	478
20	Prostaglandin E2 is a key factor for CCR7 surface expression and migration of monocyte-derived dendritic cells. <i>Blood</i> , 2002, 100, 1354-1361.	0.6	451
21	Activated Notch1 signaling promotes tumor cell proliferation and survival in Hodgkin and anaplastic large cell lymphoma. <i>Blood</i> , 2002, 99, 3398-3403.	0.6	377
22	Immune responses against SARS-CoV-2 variants after heterologous and homologous ChAdOx1 nCoV-19/BNT162b2 vaccination. <i>Nature Medicine</i> , 2021, 27, 1525-1529.	15.2	363
23	Switch in chemokine receptor expression upon TCR stimulation reveals novel homing potential for recently activated T cells. <i>European Journal of Immunology</i> , 1999, 29, 2037-2045.	1.6	348
24	Development of Interleukin-17-Producing $\beta$ 1 T Cells Is Restricted to a Functional Embryonic Wave. <i>Immunity</i> , 2012, 37, 48-59.	6.6	309
25	CCR7 ligands stimulate the intranodal motility of T lymphocytes in vivo. <i>Journal of Experimental Medicine</i> , 2007, 204, 489-495.	4.2	306
26	Stromal mesenteric lymph node cells are essential for the generation of gut-homing T cells in vivo. <i>Journal of Experimental Medicine</i> , 2008, 205, 2483-2490.	4.2	286
27	Immobilized Chemokine Fields and Soluble Chemokine Gradients Cooperatively Shape Migration Patterns of Dendritic Cells. <i>Immunity</i> , 2010, 32, 703-713.	6.6	282
28	Afferent lymph node-derived T cells and DCs use different chemokine receptor CCR7-dependent routes for entry into the lymph node and intranodal migration. <i>Nature Immunology</i> , 2011, 12, 879-887.	7.0	278
29	CD103 <sup>+</sup> and CD103 <sup>-</sup> Bronchial Lymph Node Dendritic Cells Are Specialized in Presenting and Cross-Presenting Innocuous Antigen to CD4 <sup>+</sup> and CD8 <sup>+</sup> T Cells. <i>Journal of Immunology</i> , 2007, 178, 6861-6866.	0.4	266
30	Balanced expression of CXCR5 and CCR7 on follicular T helper cells determines their transient positioning to lymph node follicles and is essential for efficient B-cell help. <i>Blood</i> , 2005, 106, 1924-1931.	0.6	263
31	Induced bronchus-associated lymphoid tissue serves as a general priming site for T cells and is maintained by dendritic cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 2593-2601.	4.2	251
32	CCR6 and NK1.1 distinguish between IL-17A and IFN- $\gamma$ -producing $\beta$ 1 effector T cells. <i>European Journal of Immunology</i> , 2009, 39, 3488-3497.	1.6	251
33	Type I interferons directly regulate lymphocyte recirculation and cause transient blood lymphopenia. <i>Blood</i> , 2006, 108, 3253-3261.	0.6	248
34	Compromised Ox40 Function in Cd28-Deficient Mice Is Linked with Failure to Develop Cxc Chemokine Receptor 5 $\alpha$ -Positive Cd4 Cells and Germinal Centers. <i>Journal of Experimental Medicine</i> , 1999, 190, 1115-1122.	4.2	247
35	Development and functional specialization of CD103 <sup>+</sup> dendritic cells. <i>Immunological Reviews</i> , 2010, 234, 268-281.	2.8	241
36	The atypical chemokine receptor CCRL1 shapes functional CCL21 gradients in lymph nodes. <i>Nature Immunology</i> , 2014, 15, 623-630.	7.0	235

#	ARTICLE	IF	CITATIONS
37	Mechanisms and Dynamics of T Cell-Mediated Cytotoxicity In Vivo. Trends in Immunology, 2017, 38, 432-443.	2.9	217
38	CCR9 is a homing receptor for plasmacytoid dendritic cells to the small intestine. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6347-6352.	3.3	213
39	Chemokine Receptor CCR9 Contributes to the Localization of Plasma Cells to the Small Intestine. Journal of Experimental Medicine, 2004, 199, 411-416.	4.2	208
40	Human $\beta$ T cells are quickly reconstituted after stem-cell transplantation and show adaptive clonal expansion in response to viral infection. Nature Immunology, 2017, 18, 393-401.	7.0	208
41	Lymph node homing of T cells and dendritic cells via afferent lymphatics. Trends in Immunology, 2012, 33, 271-280.	2.9	201
42	In Vivo Killing Capacity of Cytotoxic T Cells Is Limited and Involves Dynamic Interactions and T Cell Cooperativity. Immunity, 2016, 44, 233-245.	6.6	199
43	Induction of Tolerance to Innocuous Inhaled Antigen Relies on a CCR7-Dependent Dendritic Cell-Mediated Antigen Transport to the Bronchial Lymph Node. Journal of Immunology, 2006, 177, 7346-7354.	0.4	194
44	Thymic T Cell Development and Progenitor Localization Depend on CCR7. Journal of Experimental Medicine, 2004, 200, 481-491.	4.2	182
45	Sphingosine-1-Phosphate Mediates Migration of Mature Dendritic Cells. Journal of Immunology, 2005, 175, 2960-2967.	0.4	171
46	Interleukin-23-Dependent $\beta$ T Cells Produce Interleukin-17 and Accumulate in the Enthesis, Aortic Valve, and Ciliary Body in Mice. Arthritis and Rheumatology, 2016, 68, 2476-2486.	2.9	170
47	Cooperating Mechanisms of CXCR5 and CCR7 in Development and Organization of Secondary Lymphoid Organs. Journal of Experimental Medicine, 2003, 197, 1199-1204.	4.2	167
48	Chemokines and Chemokine Receptors in Lymphoid Tissue Dynamics. Annual Review of Immunology, 2016, 34, 203-242.	9.5	167
49	Cryptopatches and isolated lymphoid follicles: dynamic lymphoid tissues dispensable for the generation of intraepithelial lymphocytes. European Journal of Immunology, 2005, 35, 98-107.	1.6	162
50	IL-17-induced CXCL12 recruits B cells and induces follicle formation in BALT in the absence of differentiated FDCs. Journal of Experimental Medicine, 2014, 211, 643-651.	4.2	159
51	Involvement of inhibitory NKR229 in the survival of a subset of memory-phenotype CD8+ T cells. Nature Immunology, 2001, 2, 430-435.	7.0	153
52	Dendritic cells govern induction and reprogramming of polarized tissue-selective homing receptor patterns of T <sub>H</sub> 1 cells: important roles for soluble factors and tissue microenvironments. European Journal of Immunology, 2005, 35, 1056-1065.	1.6	149
53	Adaptation of Solitary Intestinal Lymphoid Tissue in Response to Microbiota and Chemokine Receptor CCR7 Signaling. Journal of Immunology, 2006, 177, 6824-6832.	0.4	146
54	Prediction of lymph node metastasis in colorectal carcinoma by expression of chemokine receptor CCR7. International Journal of Cancer, 2005, 116, 726-733.	2.3	145

#	ARTICLE	IF	CITATIONS
55	CC chemokine receptor 7 and 9 double-deficient hematopoietic progenitors are severely impaired in seeding the adult thymus. <i>Blood</i> , 2010, 115, 1906-1912.	0.6	130
56	CCR7 Essentially Contributes to the Homing of Plasmacytoid Dendritic Cells to Lymph Nodes under Steady-State As Well As Inflammatory Conditions. <i>Journal of Immunology</i> , 2011, 186, 3364-3372.	0.4	129
57	Lymph Node Stromal Cells Support Dendritic Cell-Induced Gut-Homing of T Cells. <i>Journal of Immunology</i> , 2009, 183, 6395-6402.	0.4	128
58	Alloantigen-specific <i>de novo</i> induced Foxp3 <sup>+</sup> Treg revert <i>in vivo</i> and do not protect from experimental GVHD. <i>European Journal of Immunology</i> , 2009, 39, 3091-3096.	1.6	127
59	Retinoic acid induces homing of protective T and B cells to the gut after subcutaneous immunization in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3051-3061.	3.9	127
60	Polysialylation controls dendritic cell trafficking by regulating chemokine recognition. <i>Science</i> , 2016, 351, 186-190.	6.0	123
61	Regulatory T cells interfere with the development of bronchus-associated lymphoid tissue. <i>Journal of Experimental Medicine</i> , 2007, 204, 723-734.	4.2	110
62	IFN- $\gamma$ Production by Allogeneic Foxp3 <sup>+</sup> Regulatory T Cells Is Essential for Preventing Experimental Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2012, 189, 2890-2896.	0.4	110
63	Reappearance of effector T cells is associated with recovery from COVID-19. <i>EBioMedicine</i> , 2020, 57, 102885.	2.7	109
64	Identification of Pirin, a Novel Highly Conserved Nuclear Protein. <i>Journal of Biological Chemistry</i> , 1997, 272, 8482-8489.	1.6	106
65	Generalized multi-organ autoimmunity in CCR7-deficient mice. <i>European Journal of Immunology</i> , 2007, 37, 613-622.	1.6	105
66	Common $\gamma$ -Chain-Dependent Signals Confer Selective Survival of Eosinophils in the Murine Small Intestine. <i>Journal of Immunology</i> , 2009, 183, 5600-5607.	0.4	104
67	Genetic models reveal origin, persistence and non-redundant functions of IL-17-producing $\gamma$ T cells. <i>Journal of Experimental Medicine</i> , 2018, 215, 3006-3018.	4.2	103
68	Low serum neutralizing anti-SARS-CoV-2 S antibody levels in mildly affected COVID-19 convalescent patients revealed by two different detection methods. <i>Cellular and Molecular Immunology</i> , 2021, 18, 936-944.	4.8	98
69	Mesenteric Lymph Nodes Confine Dendritic Cell-Mediated Dissemination of <i>Salmonella enterica</i> Serovar Typhimurium and Limit Systemic Disease in Mice. <i>Infection and Immunity</i> , 2009, 77, 3170-3180.	1.0	97
70	Lymph Node T Cell Homeostasis Relies on Steady State Homing of Dendritic Cells. <i>Immunity</i> , 2011, 35, 945-957.	6.6	96
71	CXCR5-deficient mice develop functional germinal centers in the splenic T cell zone. <i>European Journal of Immunology</i> , 2000, 30, 560-567.	1.6	91
72	Genetic Deletion of SEPT7 Reveals a Cell Type-Specific Role of Septins in Microtubule Destabilization for the Completion of Cytokinesis. <i>PLoS Genetics</i> , 2014, 10, e1004558.	1.5	90

#	ARTICLE	IF	CITATIONS
73	Impact of CCR7 on Priming and Distribution of Antiviral Effector and Memory CTL. <i>Journal of Immunology</i> , 2004, 173, 6684-6693.	0.4	87
74	<i>In vivo</i> application of mAb directed against the $\hat{\gamma}\hat{\delta}$ TCR does not deplete but generates "invisible" $\hat{\gamma}\hat{\delta}$ T cells. <i>European Journal of Immunology</i> , 2009, 39, 372-379.	1.6	86
75	Intra- and Intercompartmental Movement of $\hat{\gamma}\hat{\delta}$ T Cells: Intestinal Intraepithelial and Peripheral $\hat{\gamma}\hat{\delta}$ T Cells Represent Exclusive Nonoverlapping Populations with Distinct Migration Characteristics. <i>Journal of Immunology</i> , 2010, 185, 5160-5168.	0.4	82
76	High TCR diversity ensures optimal function and homeostasis of Foxp3 <sup>+</sup> regulatory T cells. <i>European Journal of Immunology</i> , 2011, 41, 3101-3113.	1.6	82
77	Distinct gene expression patterns correlate with developmental and functional traits of iNKT subsets. <i>Nature Communications</i> , 2016, 7, 13116.	5.8	82
78	Requirements for Follicular Exclusion and Competitive Elimination of Autoantigen-Binding B Cells. <i>Journal of Immunology</i> , 2004, 172, 4700-4708.	0.4	80
79	CCR7-mediated LFA-1 functions in T cells are regulated by 2 independent ADAP/SKAP55 modules. <i>Blood</i> , 2012, 119, 777-785.	0.6	74
80	Chemokine Receptor 7 Knockout Attenuates Atherosclerotic Plaque Development. <i>Circulation</i> , 2010, 122, 1621-1628.	1.6	73
81	Mutual interplay between IL-17-producing $\hat{\gamma}\hat{\delta}$ T cells and microbiota orchestrates oral mucosal homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2652-2661.	3.3	72
82	CCR7 and IRF4-dependent dendritic cells regulate lymphatic collecting vessel permeability. <i>Journal of Clinical Investigation</i> , 2016, 126, 1581-1591.	3.9	72
83	The adhesion receptor CD155 determines the magnitude of humoral immune responses against orally ingested antigens. <i>European Journal of Immunology</i> , 2007, 37, 2214-2225.	1.6	69
84	A versatile flow cytometry-based assay for the determination of short- and long-term natural killer cell activity. <i>Journal of Immunological Methods</i> , 1995, 185, 209-216.	0.6	68
85	CXCR5-Dependent Seeding of Follicular Niches by B and Th Cells Augments Antiviral B Cell Responses. <i>Journal of Immunology</i> , 2005, 175, 7109-7116.	0.4	68
86	Chemokine Receptor CXCR5 Supports Solitary Intestinal Lymphoid Tissue Formation, B Cell Homing, and Induction of Intestinal IgA Responses. <i>Journal of Immunology</i> , 2009, 182, 2610-2619.	0.4	66
87	The G protein-coupled receptor BLR1 is involved in murine B cell differentiation and is also expressed in neuronal tissues. <i>European Journal of Immunology</i> , 1993, 23, 2532-2539.	1.6	65
88	A key role for CCR7 in establishing central and peripheral tolerance. <i>Trends in Immunology</i> , 2007, 28, 274-280.	2.9	65
89	S100A8 and S100A9 Are Important for Postnatal Development of Gut Microbiota and Immune System in Mice and Infants. <i>Gastroenterology</i> , 2020, 159, 2130-2145.e5.	0.6	64
90	Immunogenicity and efficacy of the COVID-19 candidate vector vaccine MVA-SARS-2-S in preclinical vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	64

#	ARTICLE	IF	CITATIONS
91	Downstream Activation of a TATA-less Promoter by Oct-2, Bob1, and NF- $\kappa$ B Directs Expression of the Homing Receptor BLR1 to Mature B Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 28831-28836.	1.6	63
92	The peritoneal micromilieu commits B cells to home to body cavities and the small intestine. <i>Blood</i> , 2007, 109, 4627-4634.	0.6	63
93	Impaired responsiveness to T-cell receptor stimulation and defective negative selection of thymocytes in CCR7-deficient mice. <i>Blood</i> , 2007, 110, 4351-4359.	0.6	61
94	miR-21 promotes fibrosis in an acute cardiac allograft transplantation model. <i>Cardiovascular Research</i> , 2016, 110, 215-226.	1.8	61
95	The Origin and Maturity of Dendritic Cells Determine the Pattern of Sphingosine 1-Phosphate Receptors Expressed and Required for Efficient Migration. <i>Journal of Immunology</i> , 2010, 185, 4072-4081.	0.4	60
96	Active suppression of intestinal CD4+TCR $\alpha\beta$ + T-lymphocyte maturation during the postnatal period. <i>Nature Communications</i> , 2015, 6, 7725.	5.8	58
97	Analyzing cytotoxic T lymphocyte activity: a simple and reliable flow cytometry-based assay. <i>Journal of Immunological Methods</i> , 1997, 204, 135-142.	0.6	57
98	Differential Molecular and Anatomical Basis for B Cell Migration into the Peritoneal Cavity and Omental Milky Spots. <i>Journal of Immunology</i> , 2008, 180, 2196-2203.	0.4	57
99	Cytohesin-1 controls the activation of RhoA and modulates integrin-dependent adhesion and migration of dendritic cells. <i>Blood</i> , 2009, 113, 5801-5810.	0.6	57
100	Multifaceted activities of CCR7 regulate T $\alpha\beta$ cell homeostasis in health and disease. <i>European Journal of Immunology</i> , 2012, 42, 1949-1955.	1.6	57
101	Peptide-specific CD8+ T-cell evolution in vivo: Response to peptide vaccination with Melan-A/MART-1. <i>International Journal of Cancer</i> , 2002, 98, 376-388.	2.3	56
102	Micronodular thymoma: an epithelial tumour with abnormal chemokine expression setting the stage for lymphoma development. <i>Journal of Pathology</i> , 2005, 207, 72-82.	2.1	55
103	Sphingosine-1 Phosphate Signaling Regulates Positioning of Dendritic Cells within the Spleen. <i>Journal of Immunology</i> , 2007, 179, 5855-5863.	0.4	54
104	Direct Activation of Human Endothelial Cells by Plasmodium falciparum-Infected Erythrocytes. <i>Infection and Immunity</i> , 2005, 73, 3271-3277.	1.0	53
105	T cell specific Cxcr5 $\Delta$ deficiency prevents rheumatoid arthritis. <i>Scientific Reports</i> , 2017, 7, 8933.	1.6	53
106	Expression of miRNAs miR-133b and miR-206 in the Il17a/f Locus Is Co-Regulated with IL-17 Production in $\alpha\beta$ T Cells. <i>PLoS ONE</i> , 2011, 6, e20171.	1.1	53
107	A fetal wave of human type 3 effector $\alpha\beta$ T cells with restricted TCR diversity persists into adulthood. <i>Science Immunology</i> , 2021, 6, .	5.6	52
108	Single cell detection of latent cytomegalovirus reactivation in host tissue. <i>Journal of General Virology</i> , 2011, 92, 1279-1291.	1.3	50



#	ARTICLE	IF	CITATIONS
109	Solitary Intestinal Lymphoid Tissue Provides a Productive Port of Entry for Salmonella enterica Serovar Typhimurium. <i>Infection and Immunity</i> , 2007, 75, 1577-1585.	1.0	48
110	The murine chemokine receptor CXCR4 is tightly regulated during T cell development and activation. <i>Journal of Leukocyte Biology</i> , 1999, 66, 996-1004.	1.5	46
111	Dendritic cells, T cells and lymphatics: dialogues in migration and beyond. <i>Current Opinion in Immunology</i> , 2018, 53, 173-179.	2.4	44
112	Characterization and identification of Tage4 as the murine orthologue of human poliovirus receptor/CD155. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 1364-1371.	1.0	42
113	The chemokine receptor CCR7 is a promising target for rheumatoid arthritis therapy. <i>Cellular and Molecular Immunology</i> , 2019, 16, 791-799.	4.8	42
114	CX3CR1+c-kit+ Bone Marrow Cells Give Rise to CD103+ and CD103 <sup>hi</sup> Dendritic Cells with Distinct Functional Properties. <i>Journal of Immunology</i> , 2008, 181, 6178-6188.	0.4	41
115	Efficient homing of T cells via afferent lymphatics requires mechanical arrest and integrin-supported chemokine guidance. <i>Nature Communications</i> , 2020, 11, 1114.	5.8	41
116	Dendritic Cell-Independent B Cell Activation During Acute Virus Infection: A Role for Early CCR7-Driven B-T Helper Cell Collaboration. <i>Journal of Immunology</i> , 2007, 178, 1468-1476.	0.4	40
117	CCR7 Signaling Inhibits T Cell Proliferation. <i>Journal of Immunology</i> , 2007, 179, 6485-6493.	0.4	40
118	Nodular Inflammatory Foci Are Sites of T Cell Priming and Control of Murine Cytomegalovirus Infection in the Neonatal Lung. <i>PLoS Pathogens</i> , 2013, 9, e1003828.	2.1	40
119	PROLONGATION OF ALLOGRAFT SURVIVAL IN CCR7-DEFICIENT MICE. <i>Transplantation</i> , 2004, 77, 1809-1814.	0.5	38
120	CCR9 and inflammatory bowel disease. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 297-306.	1.5	38
121	Cutting Edge: Egress of Newly Generated Plasma Cells from Peripheral Lymph Nodes Depends on $\beta$ 2 Integrin. <i>Journal of Immunology</i> , 2005, 174, 7492-7495.	0.4	37
122	Effects of atrial natriuretic peptide on phagocytosis and respiratory burst in murine macrophages. <i>European Journal of Pharmacology</i> , 1997, 319, 279-285.	1.7	35
123	Neutralization of the SARS-CoV-2 Delta variant after heterologous and homologous BNT162b2 or ChAdOx1 nCoV-19 vaccination. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2455-2456.	4.8	35
124	Induction of BALT in the absence of IL-17. <i>Nature Immunology</i> , 2012, 13, 1-1.	7.0	34
125	Strategic Anti-SARS-CoV-2 Serology Testing in a Low Prevalence Setting: The COVID-19 Contact (CoCo) Study in Healthcare Professionals. <i>Infectious Diseases and Therapy</i> , 2020, 9, 837-849.	1.8	34
126	Chemokines as organizers of primary and secondary lymphoid organs. <i>Seminars in Immunology</i> , 2003, 15, 249-255.	2.7	33



#	ARTICLE	IF	CITATIONS
127	Trafficking on serpentines: molecular insight on how maturing T cells find their winding paths in the thymus. <i>Immunological Reviews</i> , 2006, 209, 115-128.	2.8	33
128	CXCR5/CXCL13 Interaction Is Important for Double-Negative Regulatory T Cell Homing to Cardiac Allografts. <i>Journal of Immunology</i> , 2006, 176, 5276-5283.	0.4	33
129	The impact of cell-bound antigen transport on mucosal tolerance induction. <i>Journal of Leukocyte Biology</i> , 2007, 82, 795-800.	1.5	33
130	Intranasal Delivery of MVA Vector Vaccine Induces Effective Pulmonary Immunity Against SARS-CoV-2 in Rodents. <i>Frontiers in Immunology</i> , 2021, 12, 772240.	2.2	33
131	The olfactory epithelium as a port of entry in neonatal neuroinfection. <i>Nature Communications</i> , 2018, 9, 4269.	5.8	32
132	MAGE-11 protein is highly conserved in higher organisms and located predominantly in the nucleus. <i>Journal of Immunology</i> , 1998, 162, 762-766.		31
133	Chemokine Receptor CCR7 Contributes to a Rapid and Efficient Clearance of Lytic Murine $\hat{3}$ -Herpes Virus 68 from the Lung, Whereas Bronchus-Associated Lymphoid Tissue Harbors Virus during Latency. <i>Journal of Immunology</i> , 2009, 182, 6861-6869.	0.4	30
134	Abundance of follicular helper T cells in Peyer's patches is modulated by CD155. <i>European Journal of Immunology</i> , 2009, 39, 3160-3170.	1.6	30
135	Manifold Roles of CCR7 and Its Ligands in the Induction and Maintenance of Bronchus-Associated Lymphoid Tissue. <i>Cell Reports</i> , 2018, 23, 783-795.	2.9	30
136	T Cell-Dendritic Cell Interaction Dynamics during the Induction of Respiratory Tolerance and Immunity. <i>Journal of Immunology</i> , 2010, 184, 1317-1327.	0.4	27
137	Plasmacytoid dendritic cells induce tolerance predominantly by cargoing antigen to lymph nodes. <i>European Journal of Immunology</i> , 2016, 46, 2659-2668.	1.6	27
138	Constant TCR triggering suggests that the TCR expressed on intestinal intraepithelial $\hat{3}$ T cells is functional <i>in vivo</i> . <i>European Journal of Immunology</i> , 2010, 40, 3378-3388.	1.6	25
139	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. <i>Cancer Cell</i> , 2019, 36, 250-267.e9.	7.7	25
140	Multicongenic fate mapping quantification of dynamics of thymus colonization. <i>Journal of Experimental Medicine</i> , 2015, 212, 1589-1601.	4.2	24
141	Application of light sheet microscopy for qualitative and quantitative analysis of bronchus-associated lymphoid tissue in mice. <i>Cellular and Molecular Immunology</i> , 2018, 15, 875-887.	4.8	24
142	Chemokines and other mediators in the development and functional organization of lymph nodes. <i>Immunological Reviews</i> , 2019, 289, 62-83.	2.8	24
143	Homeostatic chemokines in development, plasticity, and functional organization of the intestinal immune system. <i>Seminars in Immunology</i> , 2008, 20, 171-180.	2.7	23
144	Antigen-dependent rescue of nose-associated lymphoid tissue (NALT) development independent of $\hat{2}$ R and CXCR5 signaling. <i>European Journal of Immunology</i> , 2009, 39, 2765-2778.	1.6	23

#	ARTICLE	IF	CITATIONS
145	Shared and Unique Features Distinguishing Follicular T Helper and Regulatory Cells of Peripheral Lymph Node and Peyer's Patches. <i>Frontiers in Immunology</i> , 2018, 9, 714.	2.2	23
146	IL-1 $\beta$ Promotes <i>Staphylococcus aureus</i> Biofilms on Implants in vivo. <i>Frontiers in Immunology</i> , 2019, 10, 1082.	2.2	23
147	Dynamics and Function of Solitary Intestinal Lymphoid Tissue. <i>Critical Reviews in Immunology</i> , 2008, 28, 1-13.	1.0	22
148	Intranodal Interaction with Dendritic Cells Dynamically Regulates Surface Expression of the Co-stimulatory Receptor CD226 Protein on Murine T Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 39153-39163.	1.6	22
149	Differential Postselection Proliferation Dynamics of $\beta$ T Cells, Foxp3 <sup>+</sup> Regulatory T Cells, and Invariant NKT Cells Monitored by Genetic Pulse Labeling. <i>Journal of Immunology</i> , 2013, 191, 2384-2392.	0.4	22
150	Imaging dendritic cell functions*. <i>Immunological Reviews</i> , 2022, 306, 137-163.	2.8	22
151	Organization of the $\beta$ -Globin Promoter and Possible Role of Nuclear Factor I in an $\beta$ -Globin-inducible and in a Noninducible Cell Line. <i>Journal of Biological Chemistry</i> , 1995, 270, 19643-19650.	1.6	21
152	Tolerance induction towards cardiac allografts under costimulation blockade is impaired in CCR7-deficient animals but can be restored by adoptive transfer of syngeneic plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2011, 41, 611-623.	1.6	21
153	Deficient CCR7 signaling promotes T <sub>H</sub> 2 polarization and B cell activation in vivo. <i>European Journal of Immunology</i> , 2012, 42, 48-57.	1.6	21
154	CCR7-mediated migration in the thymus controls $\beta$ T cell development. <i>European Journal of Immunology</i> , 2014, 44, 1320-1329.	1.6	21
155	CRISPR/Cas9 Immunoengineering of Hoxb8-Immortalized Progenitor Cells for Revealing CCR7-Mediated Dendritic Cell Signaling and Migration Mechanisms in vivo. <i>Frontiers in Immunology</i> , 2018, 9, 1949.	2.2	21
156	Efficient IL-2R signaling differentially affects the stability, function, and composition of the regulatory T-cell pool. <i>Cellular and Molecular Immunology</i> , 2021, 18, 398-414.	4.8	21
157	Shift of Graft-Versus-Host-Disease Target Organ Tropism by Dietary Vitamin A. <i>PLoS ONE</i> , 2012, 7, e38252.	1.1	21
158	Enhanced FTY720-Mediated Lymphocyte Homing Requires $\beta$ Signaling and Depends on $\beta$ 2 and $\beta$ 7 Integrin. <i>Journal of Immunology</i> , 2006, 176, 1474-1480.	0.4	20
159	Absence of CD155 aggravates acute graft-versus-host disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E32-3; author reply E34.	3.3	20
160	Hematopoietic stem cell gene therapy for IFN $\beta$ 1 deficiency protects mice from mycobacterial infections. <i>Blood</i> , 2018, 131, 533-545.	0.6	19
161	Ectopic expression of CCL19 impairs alloimmune response in mice. <i>Immunology</i> , 2004, 112, 301-309.	2.0	18
162	T Cell Migration Dynamics Within Lymph Nodes During Steady State: An Overview of Extracellular and Intracellular Factors Influencing the Basal Intranodal T Cell Motility. <i>Current Topics in Microbiology and Immunology</i> , 2009, 334, 71-105.	0.7	18

#	ARTICLE	IF	CITATIONS
163	CD155/CD226 interaction impacts on the generation of innate CD8 <sup>+</sup> thymocytes by regulating iNKT cell differentiation. <i>European Journal of Immunology</i> , 2016, 46, 993-1003.	1.6	18
164	Factors governing the intranodal migration behavior of T lymphocytes. <i>Immunological Reviews</i> , 2008, 221, 44-63.	2.8	17
165	Control of primary mouse cytomegalovirus infection in lung nodular inflammatory foci by cooperation of interferon-gamma expressing CD4 and CD8 T cells. <i>PLoS Pathogens</i> , 2018, 14, e1007252.	2.1	17
166	<i>Helicobacter hepaticus</i> Induces an Inflammatory Response in Primary Human Hepatocytes. <i>PLoS ONE</i> , 2014, 9, e99713.	1.1	16
167	CRISPR/Cas9 Genome Editing Using Gold Nanoparticle-Mediated Laserporation. <i>Advanced Biology</i> , 2018, 2, 1700184.	3.0	16
168	Loss of vascular endothelial notch signaling promotes spontaneous formation of tertiary lymphoid structures. <i>Nature Communications</i> , 2022, 13, 2022.	5.8	16
169	miR-181a Expression in Donor T Cells Modulates Graft-versus-Host Disease after Allogeneic Bone Marrow Transplantation. <i>Journal of Immunology</i> , 2016, 196, 3927-3934.	0.4	15
170	Elucidating the functional anatomy of secondary lymphoid organs. <i>Current Opinion in Immunology</i> , 2004, 16, 394-399.	2.4	14
171	CD155 Is Involved in Negative Selection and Is Required To Retain Terminally Maturing CD8 T Cells in Thymus. <i>Journal of Immunology</i> , 2010, 184, 1681-1689.	0.4	14
172	Blocking the ART2.2/P2X7 system is essential to avoid a detrimental bias in functional CD4 T cell studies. <i>European Journal of Immunology</i> , 2018, 48, 1078-1081.	1.6	14
173	Combating COVID-19: MVA Vector Vaccines Applied to the Respiratory Tract as Promising Approach Toward Protective Immunity in the Lung. <i>Frontiers in Immunology</i> , 2020, 11, 1959.	2.2	14
174	Protection of Mouse Small Bowel Allografts by FTY720 and Costimulation Blockade. <i>Transplantation</i> , 2005, 79, 1703-1710.	0.5	13
175	Inactivation of T-Cell Receptor-Mediated Integrin Activation Prolongs Allograft Survival in ADAP-Deficient Mice. <i>Transplantation</i> , 2007, 84, 400-406.	0.5	13
176	Expression of ACKR4 demarcates the peri-marginal sinus, a specialized vascular compartment of the splenic red pulp. <i>Cell Reports</i> , 2021, 36, 109346.	2.9	13
177	Induction and Analysis of Bronchus-Associated Lymphoid Tissue. <i>Methods in Molecular Biology</i> , 2017, 1559, 185-198.	0.4	12
178	MyD88 signaling by neurons induces chemokines that recruit protective leukocytes to the virus-infected CNS. <i>Science Immunology</i> , 2021, 6, .	5.6	12
179	Neonatal lymph node stromal cells drive myelodendritic lineage cells into a distinct population of CX3CR1+CD11b+F4/80+ regulatory macrophages in mice. <i>Blood</i> , 2012, 119, 3975-3986.	0.6	11
180	CD226 interaction with CD155 impacts on retention and negative selection of CD8 positive thymocytes as well as T cell differentiation to follicular helper cells in Peyer's Patches. <i>Immunobiology</i> , 2013, 218, 152-158.	0.8	11

#	ARTICLE	IF	CITATIONS
181	Lymph-Derived Neutrophils Primarily Locate to the Subcapsular and Medullary Sinuses in Resting and Inflamed Lymph Nodes. <i>Cells</i> , 2021, 10, 1486.	1.8	11
182	Emerging aspects of leukocyte migration. <i>European Journal of Immunology</i> , 2013, 43, 1404-1406.	1.6	10
183	Fucosylated lipid nanocarriers loaded with antibiotics efficiently inhibit mycobacterial propagation in human myeloid cells. <i>Journal of Controlled Release</i> , 2021, 334, 201-212.	4.8	10
184	Distribution of major lymphocyte subsets and memory T-cell subpopulations in healthy adults employing GLP-conforming multicolor flow cytometry. <i>Leukemia</i> , 2021, 35, 3021-3025.	3.3	10
185	Clonal expansion of CD8+ T cells reflects graft-versus-leukemia activity and precedes durable remission following DLI. <i>Blood Advances</i> , 2021, 5, 4485-4499.	2.5	10
186	Challenges of CRISPR-Based Gene Editing in Primary T Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1689.	1.8	10
187	Longitudinal Tracking of Immune Responses in COVID-19 Convalescents Reveals Absence of Neutralization Activity Against Omicron and Staggered Impairment to Other SARS-CoV-2 Variants of Concern. <i>Frontiers in Immunology</i> , 2022, 13, 863039.	2.2	10
188	Genetic variants of chemokine receptor CCR7 in patients with systemic lupus erythematosus, Sjogren's syndrome and systemic sclerosis. <i>BMC Genetics</i> , 2007, 8, 33.	2.7	9
189	The thymus is required for the ability of FTY720 to prolong skin allograft survival across different histocompatibility MHC barriers. <i>Transplant International</i> , 2007, 20, 895-903.	0.8	9
190	ADAP deficiency combined with costimulation blockade synergistically protects intestinal allografts. <i>Transplant International</i> , 2010, 23, 71-79.	0.8	9
191	To the Editor<sc>TIGIT</sc> versus <sc>CD</sc>226: Hegemony or coexistence?. <i>European Journal of Immunology</i> , 2014, 44, 307-308.	1.6	9
192	Focusing of the regulatory T-cell repertoire after allogeneic stem cell transplantation indicates protection from graft-<i>versus</i>-host disease. <i>Haematologica</i> , 2019, 104, e577-e580.	1.7	8
193	B cell hyperactivation in an <i>Acr4</i>-deficient mouse strain is not caused by lack of ACKR4 expression. <i>Journal of Leukocyte Biology</i> , 2020, 107, 1155-1166.	1.5	8
194	Increased Transplant Arteriosclerosis in the Absence of CCR7 is Associated With Reduced Expression of Foxp3. <i>Transplantation</i> , 2008, 86, 590-600.	0.5	7
195	Constitutive TNF&#x2013; signaling in neonates is essential for the development of tissue&#x2013;resident leukocyte profiles at barrier sites. <i>FASEB Journal</i> , 2019, 33, 10633-10647.	0.2	7
196	Robust induction of neutralizing antibodies against the SARS&#x2013;CoV&#x2013;2 Delta variant after homologous Spikevax or heterologous Vaxzevria&#x2013;Spikevax vaccination. <i>European Journal of Immunology</i> , 2022, 52, 356-359.	1.6	7
197	Genetic Labeling Reveals Altered Turnover and Stability of Innate Lymphocytes in Latent Mouse Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2011, 186, 2918-2925.	0.4	6
198	Cardiomyocytes display low mitochondrial priming and are highly resistant toward cytotoxic T&#x2013;cell killing. <i>European Journal of Immunology</i> , 2016, 46, 1415-1426.	1.6	6

#	ARTICLE	IF	CITATIONS
199	Adaptive Immune Response to Model Antigens Is Impaired in Murine Leukocyte-Adhesion Deficiency-1 Revealing Elevated Activation Thresholds <i>In Vivo</i> . <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-11.	3.3	5
200	Differential Effects of Gut-Homing Molecules CC Chemokine Receptor 9 and Integrin- $\alpha$ 7 during Acute Graft-versus-Host Disease of the Liver. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 2069-2078.	2.0	5
201	Impact of CCR7 on T-Cell Response and Susceptibility to <i>Yersinia pseudotuberculosis</i> Infection. <i>Journal of Infectious Diseases</i> , 2017, 216, 752-760.	1.9	5
202	Case Report: Convalescent Plasma Therapy Induced Anti-SARS-CoV-2 T Cell Expansion, NK Cell Maturation and Virus Clearance in a B Cell Deficient Patient After CD19 CART T Cell Therapy. <i>Frontiers in Immunology</i> , 2021, 12, 721738.	2.2	5
203	Control of intestinal allograft rejection by FTY720 and costimulation blockade. <i>Transplantation Proceedings</i> , 2005, 37, 114-115.	0.3	4
204	Targeted delivery of regulatory macrophages to lymph nodes interferes with T <sub>H</sub> cell priming by preventing the formation of stable immune synapses. <i>Cell Reports</i> , 2021, 35, 109273.	2.9	4
205	Generation of hiPSC-derived low threshold mechanoreceptors containing axonal termini resembling bulbous sensory nerve endings and expressing Piezo1 and Piezo2. <i>Stem Cell Research</i> , 2021, 56, 102535.	0.3	4
206	NK cell dysfunction in severe COVID-19: TGF- $\beta$ -induced downregulation of integrin beta-2 restricts NK cell cytotoxicity. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 32.	7.1	4
207	$\beta$ 1 is required for marginal zone B cell lineage development. <i>European Journal of Immunology</i> , 2008, 38, 2096-2105.	1.6	3
208	Lyz2-Cre-Mediated Genetic Deletion of Septin7 Reveals a Role of Septins in Macrophage Cytokinesis and Kras-Driven Tumorigenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 795798.	1.8	3
209	Pillars Article: CCR7 Coordinates the Primary Immune Response by Establishing Functional Microenvironments in Secondary Lymphoid Organs. <i>Cell</i> . 1999. 99: 23-33. <i>Journal of Immunology</i> , 2016, 196, 5-15.	0.4	3
210	Anticoagulant Glycosaminoglycans Activate Respiratory Burst in Neutrophils and Monocytes. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 1996, 2, 116-122.	0.7	2
211	Orchestrating the Organizers: Lymphotoxin- $\beta$ Receptor Conducts Fibroblastic Reticular Cell Maturation. <i>Immunity</i> , 2013, 38, 851-853.	6.6	2
212	Repulsive behavior in germinal centers. <i>Science</i> , 2017, 356, 703-704.	6.0	2
213	Differential retention of lymph-borne CD8 memory T cell subsets in the subcapsular sinus of resting and inflamed lymph nodes. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1317-1319.	4.8	2
214	Chemokines and Their Receptors: Biochemical, Structural and Biological Properties. , 2006, , 36-67.		1
215	Unaltered levels of transplant arteriosclerosis in the absence of the B cell homing chemokine receptor CXCR5. <i>Transplant Immunology</i> , 2009, 20, 218-223.	0.6	1
216	Active Shaping of Chemokine Gradients by Atypical Chemokine Receptors. <i>Methods in Enzymology</i> , 2016, 570, 293-308.	0.4	1

#	ARTICLE	IF	CITATIONS
217	A 4-midable Connection: CCR7 Tetramers Link GPCR to Src Kinase Signaling. <i>Immunity</i> , 2016, 44, 9-11.	6.6	1
218	Evaluating registrations of serial sections with distortions of the ground truths. <i>IEEE Access</i> , 2021, , 1-1.	2.6	1
219	Donor-derived IL-17A and IL-17F deficiency triggers Th1 allo-responses and increases gut leakage during acute GVHD. <i>PLoS ONE</i> , 2020, 15, e0231222.	1.1	0
220	Influence of Glycosaminoglycans on Natural Killer Cell Activity. , 1996, , 243-248.		0