

# Burkhard Ludewig

## List of Publications by Year in descending order

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187  
papers

13,801  
citations

17440

63  
h-index

24982

109  
g-index

195  
all docs

195  
docs citations

195  
times ranked

19095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
2	Ribose 2â€²-O-methylation provides a molecular signature for the distinction of self and non-self mRNA dependent on the RNA sensor Mda5. Nature Immunology, 2011, 12, 137-143.	14.5	640
3	Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
4	Control of coronavirus infection through plasmacytoid dendritic-cellâ€™derived type I interferon. Blood, 2007, 109, 1131-1137.	1.4	356
5	Restoration of lymphoid organ integrity through the interaction of lymphoid tissueâ€™inducer cells with stroma of the T cell zone. Nature Immunology, 2008, 9, 667-675.	14.5	331
6	Dendritic Cells Induce Autoimmune Diabetes and Maintain Disease via De Novo Formation of Local Lymphoid Tissue. Journal of Experimental Medicine, 1998, 188, 1493-1501.	8.5	285
7	Association of Checkpoint Inhibitorâ€™Induced Toxic Effects With Shared Cancer and Tissue Antigens in Nonâ€™Small Cell Lung Cancer. JAMA Oncology, 2019, 5, 1043.	7.1	266
8	Immunotherapy with Dendritic Cells Directed against Tumor Antigens Shared with Normal Host Cells Results in Severe Autoimmune Disease. Journal of Experimental Medicine, 2000, 191, 795-804.	8.5	251
9	B cell homeostasis and follicle confines are governed by fibroblastic reticular cells. Nature Immunology, 2014, 15, 973-981.	14.5	237
10	The CLEC-2â€™podoplanin axis controls the contractility of fibroblastic reticular cells and lymph node microarchitecture. Nature Immunology, 2015, 16, 75-84.	14.5	233
11	Fibroblasts as immune regulators in infection, inflammation and cancer. Nature Reviews Immunology, 2021, 21, 704-717.	22.7	229
12	Form follows function: lymphoid tissue microarchitecture in antimicrobial immune defence. Nature Reviews Immunology, 2008, 8, 764-775.	22.7	228
13	Aggravation of viral hepatitis by platelet-derived serotonin. Nature Medicine, 2008, 14, 756-761.	30.7	222
14	CCL19/CCL21-triggered signal transduction and migration of dendritic cells requires prostaglandin E2. Blood, 2004, 103, 1595-1601.	1.4	219
15	Maturation of Lymph Node Fibroblastic Reticular Cells from Myofibroblastic Precursors Is Critical for Antiviral Immunity. Immunity, 2013, 38, 1013-1024.	14.3	219
16	Coronavirus Non-Structural Protein 1 Is a Major Pathogenicity Factor: Implications for the Rational Design of Coronavirus Vaccines. PLoS Pathogens, 2007, 3, e109.	4.7	205
17	Lack of Conventional Dendritic Cells Is Compatible with Normal Development and T Cell Homeostasis, but Causes Myeloid Proliferative Syndrome. Immunity, 2008, 29, 986-997.	14.3	198
18	Spontaneous apoptosis of dendritic cells is efficiently inhibited by TRAP (CD40-ligand) and TNF-Î±, but strongly enhanced by interleukin-10. European Journal of Immunology, 1995, 25, 1943-1950.	2.9	194

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19	Smooth Muscle Cells in Transplant Atherosclerotic Lesions Are Originated From Recipients, but Not Bone Marrow Progenitor Cells. <i>Circulation</i> , 2002, 106, 1834-1839.	1.6	188
20	Cinanserin Is an Inhibitor of the 3C-Like Proteinase of Severe Acute Respiratory Syndrome Coronavirus and Strongly Reduces Virus Replication In Vitro. <i>Journal of Virology</i> , 2005, 79, 7095-7103.	3.4	185
21	Plasmacytoid dendritic cells control T-cell response to chronic viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3012-3017.	7.1	185
22	Early endonuclease-mediated evasion of RNA sensing ensures efficient coronavirus replication. <i>PLoS Pathogens</i> , 2017, 13, e1006195.	4.7	184
23	Microbiota-derived peptide mimics drive lethal inflammatory cardiomyopathy. <i>Science</i> , 2019, 366, 881-886.	12.6	179
24	Dendritic Cells Efficiently Induce Protective Antiviral Immunity. <i>Journal of Virology</i> , 1998, 72, 3812-3818.	3.4	175
25	Programmed death 1 protects from fatal circulatory failure during systemic virus infection of mice. <i>Journal of Experimental Medicine</i> , 2012, 209, 2485-2499.	8.5	167
26	Induction, binding specificity and function of human ICOS. <i>European Journal of Immunology</i> , 2000, 30, 3707-3717.	2.9	166
27	IL-7-producing stromal cells are critical for lymph node remodeling. <i>Blood</i> , 2012, 120, 4675-4683.	1.4	151
28	Oxysterol Sensing through the Receptor GPR183 Promotes the Lymphoid-Tissue-Inducing Function of Innate Lymphoid Cells and Colonic Inflammation. <i>Immunity</i> , 2018, 48, 120-132.e8.	14.3	149
29	Mouse Hepatitis Virus Liver Pathology Is Dependent on ADP-Ribose-1 <sup>â€³</sup> -Phosphatase, a Viral Function Conserved in the Alpha-Like Supergroup. <i>Journal of Virology</i> , 2008, 82, 12325-12334.	3.4	139
30	Global lymphoid tissue remodeling during a viral infection is orchestrated by a B cell lymphotoxin-dependent pathway. <i>Blood</i> , 2010, 115, 4725-4733.	1.4	136
31	Endothelial cell-specific lymphotoxin- $\beta^2$ receptor signaling is critical for lymph node and high endothelial venule formation. <i>Journal of Experimental Medicine</i> , 2013, 210, 465-473.	8.5	135
32	Specific fibroblastic niches in secondary lymphoid organs orchestrate distinct Notch-regulated immune responses. <i>Journal of Experimental Medicine</i> , 2014, 211, 2265-2279.	8.5	133
33	Type I interferon induces CXCL13 to support ectopic germinal center formation. <i>Journal of Experimental Medicine</i> , 2019, 216, 621-637.	8.5	130
34	Selective Replication of Coronavirus Genomes That Express Nucleocapsid Protein. <i>Journal of Virology</i> , 2005, 79, 6620-6630.	3.4	126
35	Mutation of a Self-Processing Site in Caspase-8 Compromises Its Apoptotic but Not Its Nonapoptotic Functions in Bacterial Artificial Chromosome-Transgenic Mice. <i>Journal of Immunology</i> , 2008, 181, 2522-2532.	0.8	113
36	Type I IFN-Mediated Protection of Macrophages and Dendritic Cells Secures Control of Murine Coronavirus Infection. <i>Journal of Immunology</i> , 2009, 182, 1099-1106.	0.8	113

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37	Phenotypic and Morphological Properties of Germinal Center Dark Zone <i>Cxcl12</i> -Expressing Reticular Cells. <i>Journal of Immunology</i> , 2015, 195, 4781-4791.	0.8	109
38	Myocardial infarction triggers cardioprotective antigen-specific T helper cell responses. <i>Journal of Clinical Investigation</i> , 2019, 129, 4922-4936.	8.2	109
39	Dendritic cells in autoimmune diseases. <i>Current Opinion in Immunology</i> , 2001, 13, 657-662.	5.5	107
40	Lymphatic Endothelial Cells Control Initiation of Lymph Node Organogenesis. <i>Immunity</i> , 2017, 47, 80-92.e4.	14.3	107
41	Dendritic cell-based multi-epitope immunotherapy of hormone-refractory prostate carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2006, 55, 1524-1533.	4.2	104
42	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. <i>Cell Reports</i> , 2017, 18, 3005-3017.	6.4	104
43	Underwhelming the Immune Response: Effect of Slow Virus Growth on CD8 + -T-Lymphocyte Responses. <i>Journal of Virology</i> , 2004, 78, 2247-2254.	3.4	99
44	Cooperation of <i>T<sub>H</sub>1</i> and <i>T<sub>H</sub>17</i> cells determines transition from autoimmune myocarditis to dilated cardiomyopathy. <i>European Journal of Immunology</i> , 2012, 42, 2311-2321.	2.9	96
45	Topological Small-World Organization of the Fibroblastic Reticular Cell Network Determines Lymph Node Functionality. <i>PLoS Biology</i> , 2016, 14, e1002515.	5.6	96
46	Impact of CCR7 on Priming and Distribution of Antiviral Effector and Memory CTL. <i>Journal of Immunology</i> , 2004, 173, 6684-6693.	0.8	87
47	Induction, regulation, and function of soluble TRAP (CD40 ligand) during interaction of primary CD4+ CD45RA+ T cells with dendritic cells. <i>European Journal of Immunology</i> , 1996, 26, 3137-3143.	2.9	85
48	Role of dendritic cells in the induction and maintenance of autoimmune diseases. <i>Immunological Reviews</i> , 1999, 169, 45-54.	6.0	85
49	Rapid Peptide Turnover and Inefficient Presentation of Exogenous Antigen Critically Limit the Activation of Self-Reactive CTL by Dendritic Cells. <i>Journal of Immunology</i> , 2001, 166, 3678-3687.	0.8	82
50	Remodeling of light and dark zone follicular dendritic cells governs germinal center responses. <i>Nature Immunology</i> , 2020, 21, 649-659.	14.5	80
51	MHC Class II <sup>+</sup> Restricted Antigen Presentation by Plasmacytoid Dendritic Cells Drives Proatherogenic T Cell Immunity. <i>Circulation</i> , 2014, 130, 1363-1373.	1.6	79
52	Central Nervous System Stromal Cells Control Local CD8 + T Cell Responses during Virus-Induced Neuroinflammation. <i>Immunity</i> , 2016, 44, 622-633.	14.3	79
53	Fibroblastic reticular cells at the nexus of innate and adaptive immune responses. <i>Immunological Reviews</i> , 2019, 289, 31-41.	6.0	79
54	Tissue macrophages suppress viral replication and prevent severe immunopathology in an interferon-I-dependent manner in mice. <i>Hepatology</i> , 2010, 52, 25-32.	7.3	78

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55	Lymph Node Mesenchymal and Endothelial Stromal Cells Cooperate via the RANK-RANKL Cytokine Axis to Shape the Sinusoidal Macrophage Niche. <i>Immunity</i> , 2019, 50, 1467-1481.e6.	14.3	78
56	Alternative NF- $\kappa$ B signaling regulates mTEC differentiation from podoplanin-expressing precursors in the cortico-medullary junction. <i>European Journal of Immunology</i> , 2015, 45, 2218-2231.	2.9	77
57	Rapid identification of coronavirus replicase inhibitors using a selectable replicon RNA. <i>Journal of General Virology</i> , 2004, 85, 1717-1725.	2.9	76
58	Phenotype and functional analysis of human monocyte-derived dendritic cells loaded with biodegradable poly(lactide-co-glycolide) microspheres for immunotherapy. <i>Journal of Immunological Methods</i> , 2004, 287, 109-124.	1.4	74
59	Dendritic cells and differential usage of the MHC class II transactivator promoters in the central nervous system in experimental autoimmune encephalitis. <i>European Journal of Immunology</i> , 2000, 30, 794-802.	2.9	73
60	Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp. <i>Nature Communications</i> , 2019, 10, 1739.	12.8	73
61	Fibroblastic reticular cells regulate intestinal inflammation via IL-15-mediated control of group 1 ILCs. <i>Nature Immunology</i> , 2016, 17, 1388-1396.	14.5	72
62	Fibroblastic niches prime T cell alloimmunity through Delta-like Notch ligands. <i>Journal of Clinical Investigation</i> , 2017, 127, 1574-1588.	8.2	72
63	Perforin-independent regulation of dendritic cell homeostasis by CD8+ T cells in vivo: implications for adaptive immunotherapy. <i>European Journal of Immunology</i> , 2001, 31, 1772-1779.	2.9	70
64	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.	0.8	68
65	Microchimerism maintains deletion of the donor cell-specific CD8+ T cell repertoire. <i>Journal of Clinical Investigation</i> , 2005, 116, 156-162.	8.2	66
66	Hypercholesterolemia Exacerbates Virus-Induced Immunopathologic Liver Disease Via Suppression of Antiviral Cytotoxic T Cell Responses. <i>Journal of Immunology</i> , 2001, 166, 3369-3376.	0.8	62
67	Antiviral Immune Responses in the Absence of Organized Lymphoid T Cell Zones in <i>pl/pt</i> Mice. <i>Journal of Immunology</i> , 2002, 168, 6032-6040.	0.8	61
68	Thromboxane A2 acts as tonic immunoregulator by preferential disruption of low-avidity CD4+ T cell-dendritic cell interactions. <i>Journal of Experimental Medicine</i> , 2014, 211, 2507-2517.	8.5	61
69	CCL19-producing fibroblastic stromal cells restrain lung carcinoma growth by promoting local antitumor T-cell responses. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1257-1271.e4.	2.9	60
70	Interleukin-7 is produced by afferent lymphatic vessels and supports lymphatic drainage. <i>Blood</i> , 2013, 122, 2271-2281.	1.4	58
71	Rapid Functional Exhaustion and Deletion of CTL following Immunization with Recombinant Adenovirus. <i>Journal of Immunology</i> , 2005, 174, 4559-4566.	0.8	55
72	A Fresh View on Lymph Node Organogenesis. <i>Trends in Immunology</i> , 2018, 39, 775-787.	6.8	53

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73	B cell zone reticular cell microenvironments shape CXCL13 gradient formation. <i>Nature Communications</i> , 2020, 11, 3677.	12.8	52
74	Determining control parameters for dendritic cell-cytotoxic T lymphocyte interaction. <i>European Journal of Immunology</i> , 2004, 34, 2407-2418.	2.9	51
75	TLR2 and TLR4 signaling shapes specific antibody responses to <i>Salmonella typhi</i> antigens. <i>European Journal of Immunology</i> , 2009, 39, 126-135.	2.9	50
76	Superoxide Dismutase 1 Protects Hepatocytes from Type I Interferon-Driven Oxidative Damage. <i>Immunity</i> , 2015, 43, 974-986.	14.8	50
77	Interactions between fibroblastic reticular cells and B cells promote mesenteric lymph node lymphangiogenesis. <i>Nature Communications</i> , 2017, 8, 367.	12.8	49
78	Arterial Inflammation and Atherosclerosis. <i>Trends in Cardiovascular Medicine</i> , 2002, 12, 154-159.	4.9	48
79	Hematopoietic cell-derived interferon controls viral replication and virus-induced disease. <i>Blood</i> , 2009, 113, 1045-1052.	1.4	48
80	Induction of optimal anti-viral neutralizing B cell responses by dendritic cells requires transport and release of virus particles in secondary lymphoid organs. <i>European Journal of Immunology</i> , 2000, 30, 185-196.	2.9	47
81	Tissue maintenance of CMV-specific inflationary memory T cells by IL-15. <i>PLoS Pathogens</i> , 2018, 14, e1006993.	4.7	47
82	Integrin-Alpha IIb Identifies Murine Lymph Node Lymphatic Endothelial Cells Responsive to RANKL. <i>PLoS ONE</i> , 2016, 11, e0151848.	2.5	46
83	Fibroblastic reticular cell-derived lysophosphatidic acid regulates confined intranodal T-cell motility. <i>ELife</i> , 2016, 5, e10561.	6.0	45
84	Monocyte-derived dendritic cells represent a transient stage of differentiation in the myeloid lineage. <i>Immunobiology</i> , 1997, 197, 534-542.	1.9	44
85	Lymphotoxin-Dependent B Cell-FRC Crosstalk Promotes De Novo Follicle Formation and Antibody Production following Intestinal Helminth Infection. <i>Cell Reports</i> , 2016, 15, 1527-1541.	6.4	44
86	Fibroblastic reticular cells initiate immune responses in visceral adipose tissues and secure peritoneal immunity. <i>Science Immunology</i> , 2018, 3, .	11.9	44
87	Antibodies as biomarker candidates for response and survival to checkpoint inhibitors in melanoma patients. , 2019, 7, 50.		44
88	Anti-SARS-CoV-2 mRNA vaccine in patients with rheumatoid arthritis. <i>Lancet Rheumatology</i> , The, 2021, 3, e470-e472.	3.9	44
89	Heterogeneity of Cancer Stem Cells: Rationale for Targeting the Stem Cell Niche. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 276-289.	7.4	42
90	Mathematical Immunology of Virus Infections. , 2018, , .		42

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91	Regulatory T Cells Selectively Preserve Immune Privilege of Self-Antigens during Viral Central Nervous System Infection. <i>Journal of Immunology</i> , 2012, 188, 3678-3685.	0.8	41
92	A New Model for CD8+ T Cell Memory Inflation Based upon a Recombinant Adenoviral Vector. <i>Journal of Immunology</i> , 2013, 190, 4162-4174.	0.8	41
93	Group 3 Innate Lymphoid Cells Program a Distinct Subset of IL-22BP-Producing Dendritic Cells Demarcating Solitary Intestinal Lymphoid Tissues. <i>Immunity</i> , 2020, 53, 1015-1032.e8.	14.3	41
94	Molecular Characterization of Virus-induced Autoantibody Responses. <i>Journal of Experimental Medicine</i> , 2004, 200, 637-646.	8.5	40
95	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.	0.8	40
96	Dendritic Cell-Specific Antigen Delivery by Coronavirus Vaccine Vectors Induces Long-Lasting Protective Antiviral and Antitumor Immunity. <i>MBio</i> , 2010, 1, .	4.1	40
97	Development and Immunological Function of Lymph Node Stromal Cells. <i>Journal of Immunology</i> , 2021, 206, 257-263.	0.8	40
98	The in and out of monocytes in atherosclerotic plaques: Balancing inflammation through migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11529-11530.	7.1	39
99	Expression of lymphotoxin beta governs immunity at two distinct levels. <i>European Journal of Immunology</i> , 2006, 36, 2061-2075.	2.9	39
100	Interleukin 7-expressing fibroblasts promote breast cancer growth through sustenance of tumor cell stemness. <i>Oncolmmunology</i> , 2018, 7, e1414129.	4.6	39
101	Visualization of T Cell Migration in the Spleen Reveals a Network of Perivascular Pathways that Guide Entry into T Zones. <i>Immunity</i> , 2020, 52, 794-807.e7.	14.3	37
102	The NF- $\kappa$ B-inducing kinase is essential for the developmental programming of skin-resident and IL-17-producing $\gamma\delta$ T cells. <i>ELife</i> , 2015, 4, .	6.0	36
103	A novel bacterial artificial chromosome-transgenic Podoplanin-Cre mouse targets lymphoid organ stromal cells in vivo. <i>Frontiers in Immunology</i> , 2011, 2, 50.	4.8	35
104	IFN- $\gamma$ -Producing CD4+ T Cells Promote Generation of Protective Germinal Center-Derived IgM+ B Cell Memory against <i>Salmonella</i> Typhi. <i>Journal of Immunology</i> , 2014, 192, 5192-5200.	0.8	35
105	YAP/TAZ direct commitment and maturation of lymph node fibroblastic reticular cells. <i>Nature Communications</i> , 2020, 11, 519.	12.8	35
106	Topological Structure and Robustness of the Lymph Node Conduit System. <i>Cell Reports</i> , 2020, 30, 893-904.e6.	6.4	35
107	Fibroblastic reticular cell lineage convergence in Peyer's patches governs intestinal immunity. <i>Nature Immunology</i> , 2021, 22, 510-519.	14.5	35
108	Asymmetry of Cell Division in CFSE-Based Lymphocyte Proliferation Analysis. <i>Frontiers in Immunology</i> , 2013, 4, 264.	4.8	34

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109	Type I interferon signaling in fibroblastic reticular cells prevents exhaustive activation of antiviral CD8 <sup>+</sup> T cells. <i>Science Immunology</i> , 2020, 5, .	11.9	34
110	A global “imaging” view on systems approaches in immunology. <i>European Journal of Immunology</i> , 2012, 42, 3116-3125.	2.9	32
111	Naive B-cell trafficking is shaped by local chemokine availability and LFA-1–independent stromal interactions. <i>Blood</i> , 2013, 121, 4101-4109.	1.4	32
112	Stromal Cell Niches in the Inflamed Central Nervous System. <i>Journal of Immunology</i> , 2017, 198, 1775-1781.	0.8	32
113	Communication, construction, and fluid control: lymphoid organ fibroblastic reticular cell and conduit networks. <i>Trends in Immunology</i> , 2021, 42, 782-794.	6.8	31
114	Lymph node stromal CCL2 limits antibody responses. <i>Science Immunology</i> , 2020, 5, .	11.9	30
115	Adenovirus vector vaccination reprograms pulmonary fibroblastic niches to support protective inflating memory CD8 <sup>+</sup> T cells. <i>Nature Immunology</i> , 2021, 22, 1042-1051.	14.5	30
116	Myocarditis Elicits Dendritic Cell and Monocyte Infiltration in the Heart and Self-Antigen Presentation by Conventional Type 2 Dendritic Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2714.	4.8	28
117	Integrative Computational Modeling of the Lymph Node Stromal Cell Landscape. <i>Frontiers in Immunology</i> , 2018, 9, 2428.	4.8	27
118	A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity. <i>Science Immunology</i> , 2022, 7, eabj0641.	11.9	27
119	Immunopathological Basis of Virus-induced Myocarditis. <i>Clinical and Developmental Immunology</i> , 2004, 11, 1-5.	3.3	26
120	Immunopathogenesis of atherosclerosis. <i>Journal of Leukocyte Biology</i> , 2004, 76, 300-306.	3.3	26
121	Identification and characterization of a novel antigen from the nematode <i>Nippostrongylus brasiliensis</i> recognized by specific IgE. <i>European Journal of Immunology</i> , 2007, 37, 1275-1284.	2.9	26
122	Molecular mapping of autoimmune B cell responses in experimental myocarditis. <i>Journal of Autoimmunity</i> , 2007, 28, 224-233.	6.5	25
123	A Systems Immunology Approach to Plasmacytoid Dendritic Cell Function in Cytopathic Virus Infections. <i>PLoS Pathogens</i> , 2010, 6, e1001017.	4.7	25
124	Differentiation and activation of fibroblastic reticular cells. <i>Immunological Reviews</i> , 2021, 302, 32-46.	6.0	25
125	Fibroblast–derived IL–33 is dispensable for lymph node homeostasis but critical for CD8 T cell responses to acute and chronic viral infection. <i>European Journal of Immunology</i> , 2021, 51, 76-90.	2.9	24
126	A Distinct Subset of Fibroblastic Stromal Cells Constitutes the Cortex-Medulla Boundary Subcompartment of the Lymph Node. <i>Frontiers in Immunology</i> , 2018, 9, 2196.	4.8	23



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127	Early-life programming of mesenteric lymph node stromal cell identity by the lymphotoxin pathway regulates adult mucosal immunity. <i>Science Immunology</i> , 2019, 4, .	11.9	23
128	PPAR $\beta$ is essential for the development of bone marrow erythroblastic island macrophages and splenic red pulp macrophages. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	23
129	T helper cell- and CD40-dependent germline IgM prevents chronic virus-induced demyelinating disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1233-1238.	7.1	22
130	Identification of Protective B Cell Antigens of <i>Legionella pneumophila</i> . <i>Journal of Immunology</i> , 2012, 189, 841-849.	0.8	21
131	Mathematical models for CFSE labelled lymphocyte dynamics: asymmetry and time-lag in division. <i>Journal of Mathematical Biology</i> , 2014, 69, 1547-1583.	1.9	21
132	Systems analysis reveals complex biological processes during virus infection fate decisions. <i>Genome Research</i> , 2019, 29, 907-919.	5.5	21
133	Multitier mechanics control stromal adaptations in the swelling lymph node. <i>Nature Immunology</i> , 2022, 23, 1246-1255.	14.5	19
134	IFN $\alpha$ receptor signaling ameliorates transplant vasculopathy through attenuation of CD8 <sup>+</sup> T cell-mediated injury of vascular endothelial cells. <i>European Journal of Immunology</i> , 2010, 40, 733-743.	2.9	18
135	Chronic Immune Reactivity Against Persisting Microbial Antigen in the Vasculature Exacerbates Atherosclerotic Lesion Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2206-2213.	2.4	17
136	PLGA-microencapsulation protects <i>Salmonella typhi</i> outer membrane proteins from acidic degradation and increases their mucosal immunogenicity. <i>Vaccine</i> , 2016, 34, 4263-4269.	3.8	17
137	Heart non-specific effector CD4 <sup>+</sup> T cells protect from postinflammatory fibrosis and cardiac dysfunction in experimental autoimmune myocarditis. <i>Basic Research in Cardiology</i> , 2020, 115, 6.	5.9	17
138	GCNT1-Mediated <i>O</i> -Glycosylation of the Sialomucin CD43 Is a Sensitive Indicator of Notch Signaling in Activated T Cells. <i>Journal of Immunology</i> , 2020, 204, 1674-1688.	0.8	17
139	Dendritic Cell Homeostasis in the Regulation of Self-Reactivity. <i>Current Pharmaceutical Design</i> , 2003, 9, 221-231.	1.9	17
140	Autoimmunity seen through the SEREX-scope. <i>Autoimmunity Reviews</i> , 2003, 2, 339-345.	5.8	16
141	HDAC1 Controls CD8 <sup>+</sup> T Cell Homeostasis and Antiviral Response. <i>PLoS ONE</i> , 2014, 9, e110576.	2.5	16
142	Evolution of <i>Salmonella Typhi</i> outer membrane protein-specific T and B cell responses in humans following oral Ty21a vaccination: A randomized clinical trial. <i>PLoS ONE</i> , 2017, 12, e0178669.	2.5	15
143	Immunopathological Basis of Lymphocytic Choriomeningitis Virus-Induced Chorioretinitis and Keratitis. <i>Journal of Virology</i> , 2009, 83, 159-166.	3.4	14
144	Insights into coronavirus immunity taught by the murine coronavirus. <i>European Journal of Immunology</i> , 2021, 51, 1062-1070.	2.9	14

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145	Immunologic ignorance of vascular endothelial cells expressing minor histocompatibility antigen. <i>Blood</i> , 2008, 111, 4588-4595.	1.4	13
146	Tight control of decision-making during T cell-vascular endothelial cell interaction. <i>Frontiers in Immunology</i> , 2012, 3, 279.	4.8	13
147	Distinct microbial communities colonize tonsillar squamous cell carcinoma. <i>OncotImmunology</i> , 2021, 10, 1945202.	4.6	13
148	Towards a Coronavirus-Based HIV Multigene Vaccine. <i>Clinical and Developmental Immunology</i> , 2006, 13, 353-360.	3.3	12
149	Subversion of innate and adaptive immune activation induced by structurally modified lipopolysaccharide from <i>Salmonella typhimurium</i> . <i>Immunology</i> , 2011, 133, 469-481.	4.4	12
150	Rapid molecular dissection of viral and bacterial immunomes. <i>European Journal of Immunology</i> , 2006, 36, 1049-1057.	2.9	11
151	TLR7 Controls VSV Replication in CD169+ SCS Macrophages and Associated Viral Neuroinvasion. <i>Frontiers in Immunology</i> , 2019, 10, 466.	4.8	11
152	Viral vector-mediated reprogramming of the fibroblastic tumor stroma sustains curative melanoma treatment. <i>Nature Communications</i> , 2021, 12, 4734.	12.8	11
153	Efficient boosting of the antiviral T cell response in B cell-depleted patients with autoimmune rheumatic diseases following influenza vaccination. <i>Clinical and Experimental Rheumatology</i> , 2013, 31, 723-30.	0.8	11
154	Quantification and characterization of myosin peptide-specific CD4+ T cells in autoimmune myocarditis. <i>Journal of Immunological Methods</i> , 2005, 304, 117-125.	1.4	10
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