

Joachim L Schultze

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8528002/publications.pdf>

Version: 2024-02-01

300
papers

38,336
citations

3531

90
h-index

3487

182
g-index

334
all docs

334
docs citations

334
times ranked

56733
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014, 41, 14-20.	14.3	4,638
2	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020, 181, 1016-1035.e19.	28.9	1,956
3	Transcriptome-Based Network Analysis Reveals a Spectrum Model of Human Macrophage Activation. <i>Immunity</i> , 2014, 40, 274-288.	14.3	1,692
4	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	22.7	1,345
5	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	28.9	1,162
6	Cancer cellâ€™s autonomous contribution of type I interferon signaling to the efficacy of chemotherapy. <i>Nature Medicine</i> , 2014, 20, 1301-1309.	30.7	823
7	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. <i>Cell</i> , 2018, 172, 162-175.e14.	28.9	705
8	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018, 172, 147-161.e12.	28.9	702
9	Regulatory T cells in cancer. <i>Blood</i> , 2006, 108, 804-811.	1.4	632
10	New insights into the multidimensional concept of macrophage ontogeny, activation and function. <i>Nature Immunology</i> , 2016, 17, 34-40.	14.5	630
11	Specification of tissue-resident macrophages during organogenesis. <i>Science</i> , 2016, 353, .	12.6	609
12	Innate immune memory in the brain shapes neurological disease hallmarks. <i>Nature</i> , 2018, 556, 332-338.	27.8	605
13	Human Monocyte Subsets and Phenotypes in Major Chronic Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2035.	4.8	529
14	The Telomerase Catalytic Subunit Is a Widely Expressed Tumor-Associated Antigen Recognized by Cytotoxic T Lymphocytes. <i>Immunity</i> , 1999, 10, 673-679.	14.3	528
15	COVID-19 and the human innate immune system. <i>Cell</i> , 2021, 184, 1671-1692.	28.9	524
16	Salicylic Acidâ€™s Independent ENHANCED DISEASE SUSCEPTIBILITY1 Signaling in Arabidopsis Immunity and Cell Death Is Regulated by the Monooxygenase FMO1 and the Nudix Hydrolase NUDT7. <i>Plant Cell</i> , 2006, 18, 1038-1051.	6.6	455
17	Reduced frequencies and suppressive function of CD4+CD25hi regulatory T cells in patients with chronic lymphocytic leukemia after therapy with fludarabine. <i>Blood</i> , 2005, 106, 2018-2025.	1.4	447
18	Mapping the human DC lineage through the integration of high-dimensional techniques. <i>Science</i> , 2017, 356, .	12.6	429

#	ARTICLE	IF	CITATIONS
19	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. <i>Cell</i> , 2016, 167, 1145-1149.	28.9	404
20	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375
21	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , 2015, 350, 972-978.	12.6	367
22	Innate and Adaptive Immune Memory: an Evolutionary Continuum in the Host's Response to Pathogens. <i>Cell Host and Microbe</i> , 2019, 25, 13-26.	11.0	341
23	High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. <i>Nature Immunology</i> , 2014, 15, 152-160.	14.5	337
24	Inflammasome-driven catecholamine catabolism in macrophages blunts lipolysis during ageing. <i>Nature</i> , 2017, 550, 119-123.	27.8	329
25	FOXO-dependent regulation of innate immune homeostasis. <i>Nature</i> , 2010, 463, 369-373.	27.8	314
26	CD40-activated human B cells: an alternative source of highly efficient antigen presenting cells to generate autologous antigen-specific T cells for adoptive immunotherapy. <i>Journal of Clinical Investigation</i> , 1997, 100, 2757-2765.	8.2	308
27	IL-18 Induces PD-1-Dependent Immunosuppression in Cancer. <i>Cancer Research</i> , 2011, 71, 5393-5399.	0.9	307
28	The nuclear receptor PPAR δ selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. <i>Journal of Experimental Medicine</i> , 2009, 206, 2079-2089.	8.5	287
29	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	14.3	278
30	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	28.9	277
31	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. <i>Cell</i> , 2021, 184, 6243-6261.e27.	28.9	277
32	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	14.5	274
33	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016, 8, 333ra50.	12.4	271
34	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. <i>Cell Host and Microbe</i> , 2020, 28, 322-334.e5.	11.0	269
35	In vivo peripheral expansion of naive CD4 ⁺ CD25 ^{high} FoxP3 ⁺ regulatory T cells in patients with multiple myeloma. <i>Blood</i> , 2006, 107, 3940-3949.	1.4	267
36	Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. <i>Cell Metabolism</i> , 2019, 29, 1376-1389.e4.	16.2	261

#	ARTICLE	IF	CITATIONS
37	Human CD100, a novel leukocyte semaphorin that promotes B-cell aggregation and differentiation.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11780-11785.	7.1	248
38	B Lymphocyte Chemotaxis Regulated in Association with Microanatomic Localization, Differentiation State, and B Cell Receptor Engagement. Journal of Experimental Medicine, 1998, 187, 753-762.	8.5	248
39	High-Resolution Transcriptome of Human Macrophages. PLoS ONE, 2012, 7, e45466.	2.5	238
40	Vaccination of Cancer Patients Against Telomerase Induces Functional Antitumor CD8+ T Lymphocytes. Clinical Cancer Research, 2004, 10, 828-839.	7.0	233
41	Functional classification of memory CD8+ T cells by CX3CR1 expression. Nature Communications, 2015, 6, 8306.	12.8	231
42	CD25 and indoleamine 2,3-dioxygenase are up-regulated by prostaglandin E2 and expressed by tumor-associated dendritic cells in vivo: additional mechanisms of T-cell inhibition. Blood, 2006, 108, 228-237.	1.4	224
43	Systematic evaluation of error rates and causes in short samples in next-generation sequencing. Scientific Reports, 2018, 8, 10950.	3.3	224
44	Transcriptional profiling of human microglia reveals greyâ€“white matter heterogeneity and multiple sclerosis-associated changes. Nature Communications, 2019, 10, 1139.	12.8	214
45	Comparison of different isolation techniques prior gene expression profiling of blood derived cells: impact on physiological responses, on overall expression and the role of different cell types. Pharmacogenomics Journal, 2004, 4, 193-207.	2.0	213
46	Neutrophils in COVID-19. Frontiers in Immunology, 2021, 12, 652470.	4.8	206
47	Follicular lymphomas can be induced to present alloantigen efficiently: a conceptual model to improve their tumor immunogenicity.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8200-8204.	7.1	200
48	The Calcium Channel Subunit Alpha2delta2 Suppresses Axon Regeneration in the Adult CNS. Neuron, 2016, 92, 419-434.	8.1	193
49	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. Genome Medicine, 2021, 13, 7.	8.2	193
50	A chronic low dose of Î”9-tetrahydrocannabinol (THC) restores cognitive function in old mice. Nature Medicine, 2017, 23, 782-787.	30.7	188
51	Regulatory dendritic cells: there is more than just immune activation. Frontiers in Immunology, 2012, 3, 274.	4.8	187
52	Repression of the genome organizer SATB1 in regulatory T cells is required for suppressive function and inhibition of effector differentiation. Nature Immunology, 2011, 12, 898-907.	14.5	179
53	Human primary and memory cytotoxic T lymphocyte responses are efficiently induced by means of CD40-activated B cells as antigen-presenting cells: potential for clinical application. Blood, 2002, 99, 3319-3325.	1.4	177
54	Epigenomic Profiling of Human CD4+ T Cells Supports a Linear Differentiation Model and Highlights Molecular Regulators of Memory Development. Immunity, 2016, 45, 1148-1161.	14.3	174

#	ARTICLE	IF	CITATIONS
55	Monocytes and Macrophages in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 720109.	4.8	168
56	Autoinhibitory regulation of S100A8/S100A9 alarmin activity locally restricts sterile inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 1852-1866.	8.2	166
57	Immunoglobulin framework-derived peptides function as cytotoxic T-cell epitopes commonly expressed in B-cell malignancies. <i>Nature Medicine</i> , 2000, 6, 667-672.	30.7	163
58	New Insights into IDO Biology in Bacterial and Viral Infections. <i>Frontiers in Immunology</i> , 2014, 5, 384.	4.8	158
59	Human lymphoid organ dendritic cell identity is predominantly dictated by ontogeny, not tissue microenvironment. <i>Science Immunology</i> , 2016, 1, .	11.9	145
60	Early IFN- γ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	14.3	145
61	miRNA deregulation by epigenetic silencing disrupts suppression of the oncogene PLAG1 in chronic lymphocytic leukemia. <i>Blood</i> , 2009, 114, 3255-3264.	1.4	140
62	Web-TCGA: an online platform for integrated analysis of molecular cancer data sets. <i>BMC Bioinformatics</i> , 2016, 17, 72.	2.6	140
63	The Myeloid Cell Compartmentâ€”Cell by Cell. <i>Annual Review of Immunology</i> , 2019, 37, 269-293.	21.8	140
64	Human Non-Germinal Center B Cell Interleukin (IL)-12 Production Is Primarily Regulated by T Cell Signals CD40 Ligand, Interferon γ , and IL-10: Role of B Cells in the Maintenance of α -T Cell Responses. <i>Journal of Experimental Medicine</i> , 1999, 189, 1-12.	8.5	138
65	Keratin 1 maintains skin integrity and participates in an inflammatory network in skin <i>via</i> interleukin-18. <i>Journal of Cell Science</i> , 2012, 125, 5269-79.	2.0	134
66	Gene expression profiling of follicular lymphoma and normal germinal center B cells using cDNA arrays. <i>Blood</i> , 2002, 99, 282-289.	1.4	133
67	Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. <i>Immunity</i> , 2017, 47, 1051-1066.e12.	14.3	133
68	S100-alarmin-induced innate immune programming protects newborn infants from sepsis. <i>Nature Immunology</i> , 2017, 18, 622-632.	14.5	131
69	Aging Induces an Nlrp3 Inflammasome-Dependent Expansion of Adipose B Cells That Impairs Metabolic Homeostasis. <i>Cell Metabolism</i> , 2019, 30, 1024-1039.e6.	16.2	125
70	Crosstalk between Keratinocytes and Adaptive Immune Cells in an α -Protein-Mediated Inflammatory Disease of the Skin. <i>Immunity</i> , 2007, 27, 296-307.	14.3	124
71	Cxcr4 distinguishes HSC-derived monocytes from microglia and reveals monocyte immune responses to experimental stroke. <i>Nature Neuroscience</i> , 2020, 23, 351-362.	14.8	123
72	Indoleamine 2,3-dioxygenase-expressing dendritic cells form suppurative granulomas following <i>Listeria monocytogenes</i> infection. <i>Journal of Clinical Investigation</i> , 2006, 116, 3160-3170.	8.2	123

#	ARTICLE	IF	CITATIONS
73	Complement activation induces excessive T cell cytotoxicity in severe COVID-19. <i>Cell</i> , 2022, 185, 493-512.e25.	28.9	122
74	ATF3 Is a Key Regulator of Macrophage IFN Responses. <i>Journal of Immunology</i> , 2015, 195, 4446-4455.	0.8	121
75	Therapeutic targeting of macrophages enhances chemotherapy efficacy by unleashing type I interferon response. <i>Nature Cell Biology</i> , 2019, 21, 511-521.	10.3	121
76	Alarmins MRP8 and MRP14 Induce Stress Tolerance in Phagocytes under Sterile Inflammatory Conditions. <i>Cell Reports</i> , 2014, 9, 2112-2123.	6.4	118
77	CCL2/CCR2-Dependent Recruitment of Functional Antigen-Presenting Cells into Tumors upon Chemotherapy. <i>Cancer Research</i> , 2014, 74, 436-445.	0.9	118
78	HER-2/neu and hTERT Cryptic Epitopes as Novel Targets for Broad Spectrum Tumor Immunotherapy. <i>Journal of Immunology</i> , 2002, 168, 5900-5906.	0.8	117
79	Exposure to the gut microbiota drives distinct methylome and transcriptome changes in intestinal epithelial cells during postnatal development. <i>Genome Medicine</i> , 2018, 10, 27.	8.2	117
80	B7-mediated costimulation and the immune response. <i>Blood Reviews</i> , 1996, 10, 111-127.	5.7	114
81	Unbalanced Expression of Bcl-2 Family Proteins in Follicular Lymphoma: Contribution of CD40 Signaling in Promoting Survival. <i>Blood</i> , 1998, 91, 244-251.	1.4	114
82	Transcriptome-based profiling of yolk sac-derived macrophages reveals a role for Irf8 in macrophage maturation. <i>EMBO Journal</i> , 2016, 35, 1730-1744.	7.8	108
83	LifeTime and improving European healthcare through cell-based interceptive medicine. <i>Nature</i> , 2020, 587, 377-386.	27.8	108
84	Emerging Principles in Myelopoiesis at Homeostasis and during Infection and Inflammation. <i>Immunity</i> , 2019, 50, 288-301.	14.3	106
85	Autoantibodies frequently detected in patients with aplastic anemia. <i>Blood</i> , 2003, 102, 4567-4575.	1.4	105
86	Unique transcriptome signature of mouse microglia. <i>Glia</i> , 2013, 61, 1429-1442.	4.9	105
87	The transcriptional regulator network of human inflammatory macrophages is defined by open chromatin. <i>Cell Research</i> , 2016, 26, 151-170.	12.0	103
88	Melanoma inhibitor of apoptosis protein (ML-IAP) is a target for immune-mediated tumor destruction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3398-3403.	7.1	101
89	Macrophage activation in human diseases. <i>Seminars in Immunology</i> , 2015, 27, 249-256.	5.6	101
90	Elevated Serum Levels of CC Thymus and Activation-Related Chemokine (TARC) in Primary Hodgkin's Disease: Potential for a Prognostic Factor. <i>Cancer Research</i> , 2005, 65, 5516-5519.	0.9	99

#	ARTICLE	IF	CITATIONS
91	In Vivo Expression of B7-1 and B7-2 By Follicular Lymphoma Cells Can Prevent Induction of T-Cell Energy But Is Insufficient to Induce Significant T-Cell Proliferation. <i>Blood</i> , 1997, 90, 4297-4306.	1.4	96
92	Cancer-Induced Immunosuppression: IL-18 Elicited Immunoablative NK Cells. <i>Cancer Research</i> , 2012, 72, 2757-2767.	0.9	95
93	Selective Loss of Noradrenaline Exacerbates Early Cognitive Dysfunction and Synaptic Deficits in APP/PS1 Mice. <i>Biological Psychiatry</i> , 2013, 73, 454-463.	1.3	95
94	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>Oncolmmunology</i> , 2016, 5, e1229725.	4.6	95
95	Prostaglandin E2 Impairs CD4+ T Cell Activation by Inhibition of Ick: Implications in Hodgkin's Lymphoma. <i>Cancer Research</i> , 2006, 66, 1114-1122.	0.9	93
96	IDO-expressing regulatory dendritic cells in cancer and chronic infection. <i>Journal of Molecular Medicine</i> , 2008, 86, 145-160.	3.9	92
97	Human glioblastoma-associated microglia/monocytes express a distinct RNA profile compared to human control and murine samples. <i>Glia</i> , 2016, 64, 1416-1436.	4.9	90
98	Targeting lipid metabolism by the lipoprotein lipase inhibitor orlistat results in apoptosis of B-cell chronic lymphocytic leukemia cells. <i>Leukemia</i> , 2008, 22, 585-592.	7.2	88
99	From cancer genomics to cancer immunotherapy: toward second-generation tumor antigens. <i>Trends in Immunology</i> , 2001, 22, 516-523.	6.8	85
100	Autologous Tumor Infiltrating T Cells Cytotoxic for Follicular Lymphoma Cells Can Be Expanded In Vitro. <i>Blood</i> , 1997, 89, 3806-3816.	1.4	84
101	IL-6 trans-Signaling-Dependent Rapid Development of Cytotoxic CD8+ T Cell Function. <i>Cell Reports</i> , 2014, 8, 1318-1327.	6.4	81
102	Mannose receptor induces T-cell tolerance via inhibition of CD45 and up-regulation of CTLA-4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10649-10654.	7.1	78
103	The shared tumor-associated antigen cytochrome P450 1B1 is recognized by specific cytotoxic T cells. <i>Blood</i> , 2003, 102, 3287-3294.	1.4	77
104	Stroke target identification guided by astrocyte transcriptome analysis. <i>Glia</i> , 2019, 67, 619-633.	4.9	77
105	RNA fingerprints provide direct evidence for the inhibitory role of TGF β 2 and PD-1 on CD4+ T cells in Hodgkin lymphoma. <i>Blood</i> , 2007, 110, 3226-3233.	1.4	76
106	Global transcriptional profiles of beating clusters derived from human induced pluripotent stem cells and embryonic stem cells are highly similar. <i>BMC Developmental Biology</i> , 2010, 10, 98.	2.1	76
107	Intrahepatic IL-8 producing Foxp3+CD4+ regulatory T cells and fibrogenesis in chronic hepatitis C. <i>Journal of Hepatology</i> , 2013, 59, 229-235.	3.7	75
108	Tumor-necrosis factor impairs CD4+ T cell-mediated immunological control in chronic viral infection. <i>Nature Immunology</i> , 2016, 17, 593-603.	14.5	75

#	ARTICLE	IF	CITATIONS
109	Cannabinoid receptor 2 deficiency results in reduced neuroinflammation in an Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , 2015, 36, 710-719.	3.1	73
110	DCs and CD40-activated B cells: current and future avenues to cellular cancer immunotherapy. <i>Trends in Immunology</i> , 2004, 25, 659-664.	6.8	72
111	Distinct kinetics and dynamics of cross-presentation in liver sinusoidal endothelial cells compared to dendritic cells. <i>Hepatology</i> , 2009, 50, 909-919.	7.3	72
112	Molecular features of macrophage activation. <i>Seminars in Immunology</i> , 2015, 27, 416-423.	5.6	72
113	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021, 22, 1382-1390.	14.5	72
114	Immune response in COVID-19: what is next?. <i>Cell Death and Differentiation</i> , 2022, 29, 1107-1122.	11.2	69
115	A highly standardized, robust, and cost-effective method for genome-wide transcriptome analysis of peripheral blood applicable to large-scale clinical trials. <i>Genomics</i> , 2006, 87, 653-664.	2.9	68
116	Regulatory T Cells: Major Players in the Tumor Microenvironment. <i>Current Pharmaceutical Design</i> , 2009, 15, 1879-1892.	1.9	68
117	Transcriptome Assessment Reveals a Dominant Role for TLR4 in the Activation of Human Monocytes by the Alarmin MRP8. <i>Journal of Immunology</i> , 2015, 194, 575-583.	0.8	68
118	CXCL13 (BCA-1) is produced by follicular lymphoma cells: role in the accumulation of malignant B cells. <i>British Journal of Haematology</i> , 2002, 119, 492-495.	2.5	65
119	Virally Infected Mouse Liver Endothelial Cells Trigger CD8+ T-Cell Immunity. <i>Gastroenterology</i> , 2010, 138, 336-346.	1.3	65
120	Liver-Primed Memory T Cells Generated under Noninflammatory Conditions Provide Anti-infectious Immunity. <i>Cell Reports</i> , 2013, 3, 779-795.	6.4	65
121	Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. <i>Gut</i> , 2017, 66, 507-518.	12.1	65
122	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.	1.3	64
123	Conversion of Human Fibroblasts to Stably Self-Renewing Neural Stem Cells with a Single Zinc-Finger Transcription Factor. <i>Stem Cell Reports</i> , 2016, 6, 539-551.	4.8	63
124	Reprogramming of macrophages – new opportunities for therapeutic targeting. <i>Current Opinion in Pharmacology</i> , 2016, 26, 10-15.	3.5	63
125	Enzymatic Activity of HPGD in Treg Cells Suppresses Tconv Cells to Maintain Adipose Tissue Homeostasis and Prevent Metabolic Dysfunction. <i>Immunity</i> , 2019, 50, 1232-1248.e14.	14.3	63
126	Blood-Based Gene Expression Signatures in Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 3360-3367.	7.0	62

#	ARTICLE	IF	CITATIONS
127	O-Linked glycans control glycoprotein processing by antigen-presenting cells: a biochemical approach to the molecular aspects of MUC1 processing by dendritic cells. <i>European Journal of Immunology</i> , 2003, 33, 3242-3254.	2.9	61
128	CD40-activated B cells express full lymph node homing triad and induce T-cell chemotaxis: potential as cellular adjuvants. <i>Blood</i> , 2006, 107, 2786-2789.	1.4	61
129	CD25 as an immune regulatory molecule expressed on myeloid dendritic cells. <i>Immunobiology</i> , 2008, 213, 849-858.	1.9	59
130	Scalable Prediction of Acute Myeloid Leukemia Using High-Dimensional Machine Learning and Blood Transcriptomics. <i>IScience</i> , 2020, 23, 100780.	4.1	55
131	Epigenetic reprogramming of immune cells in injury, repair, and resolution. <i>Journal of Clinical Investigation</i> , 2019, 129, 2994-3005.	8.2	55
132	Ear2 Deletion Causes Early Memory and Learning Deficits in APP/PS1 Mice. <i>Journal of Neuroscience</i> , 2014, 34, 8845-8854.	3.6	54
133	Balancing intestinal and systemic inflammation through cell type-specific expression of the aryl hydrocarbon receptor repressor. <i>Scientific Reports</i> , 2016, 6, 26091.	3.3	54
134	The Connexin40A96S mutation from a patient with atrial fibrillation causes decreased atrial conduction velocities and sustained episodes of induced atrial fibrillation in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 65, 19-32.	1.9	52
135	Primary Fibroblasts from Human Adults as Target Cells for Ex Vivo Transfection and Gene Therapy. <i>Human Gene Therapy</i> , 1994, 5, 1203-1210.	2.7	51
136	Dysregulated Functions of Lung Macrophage Populations in COPD. <i>Journal of Immunology Research</i> , 2018, 2018, 1-19.	2.2	51
137	Two populations of self-maintaining monocyte-independent macrophages exist in adult epididymis and testis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
138	Transcriptional Signature Derived from Murine Tumor-Associated Macrophages Correlates with Poor Outcome in Breast Cancer Patients. <i>Cell Reports</i> , 2019, 29, 1221-1235.e5.	6.4	47
139	Systematic evaluation of cell-SELEX enriched aptamers binding to breast cancer cells. <i>Biochimie</i> , 2018, 145, 53-62.	2.6	46
140	Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. <i>Nature Neuroscience</i> , 2022, 25, 458-473.	14.8	46
141	CD83 expression is essential for Treg cell differentiation and stability. <i>JCI Insight</i> , 2018, 3, .	5.0	42
142	Microglial PD-1 stimulation by astrocytic PD-1 suppresses neuroinflammation and Alzheimer's disease pathology. <i>EMBO Journal</i> , 2021, 40, e108662.	7.8	41
143	Generation and functional characterization of MDSC-like cells. <i>Oncolmmunology</i> , 2017, 6, e1295203.	4.6	40
144	Ceramide Synthase Schlank Is a Transcriptional Regulator Adapting Gene Expression to Energy Requirements. <i>Cell Reports</i> , 2018, 22, 967-978.	6.4	40

#	ARTICLE	IF	CITATIONS
145	Viral antigen-specific CD8+ T-cell responses are impaired in multiple myeloma. <i>British Journal of Haematology</i> , 2003, 121, 842-848.	2.5	39
146	Efficient genome engineering by targeted homologous recombination in mouse embryos using transcription activator-like effector nucleases. <i>Nature Communications</i> , 2014, 5, 3045.	12.8	39
147	Co-existence of intact stemness and priming of neural differentiation programs in mES cells lacking Trim71. <i>Scientific Reports</i> , 2015, 5, 11126.	3.3	39
148	ImpulseDE: detection of differentially expressed genes in time series data using impulse models. <i>Bioinformatics</i> , 2017, 33, 757-759.	4.1	38
149	Urban living in healthy Tanzanians is associated with an inflammatory status driven by dietary and metabolic changes. <i>Nature Immunology</i> , 2021, 22, 287-300.	14.5	38
150	CASPAR: a hierarchical bayesian approach to predict survival times in cancer from gene expression data. <i>Bioinformatics</i> , 2006, 22, 1495-1502.	4.1	37
151	Human Resting CD4+ T Cells Are Constitutively Inhibited by TGF β 2 under Steady-State Conditions. <i>Journal of Immunology</i> , 2007, 178, 6931-6940.	0.8	37
152	Increased Antigen Cross-Presentation but Impaired Cross-Priming after Activation of Peroxisome Proliferator-Activated Receptor β Is Mediated by Up-Regulation of B7H1. <i>Journal of Immunology</i> , 2009, 183, 129-136.	0.8	36
153	Nuclear FOXO1 promotes lymphomagenesis in germinal center B cells. <i>Blood</i> , 2018, 132, 2670-2683.	1.4	36
154	X-linked dystonia parkinsonism syndrome (XDP, lubag): disease-specific sequence change DSC3 in TAF1/DYT3 affects genes in vesicular transport and dopamine metabolism. <i>Human Molecular Genetics</i> , 2013, 22, 941-951.	2.9	35
155	Exosomes – Small Players, Big Sound. <i>Bioconjugate Chemistry</i> , 2018, 29, 635-648.	3.6	35
156	Linking Genomics to Immunotherapy by Reverse Immunology - β Immunicomics™ in the New Millennium. <i>Current Molecular Medicine</i> , 2001, 1, 609-619.	1.3	34
157	RNA-Stabilized Whole Blood Samples but Not Peripheral Blood Mononuclear Cells Can Be Stored for Prolonged Time Periods Prior to Transcriptome Analysis. <i>Journal of Molecular Diagnostics</i> , 2011, 13, 452-460.	2.8	33
158	Expression of type I interferon by splenic macrophages suppresses adaptive immunity during sepsis. <i>EMBO Journal</i> , 2012, 31, 201-213.	7.8	33
159	The IDO1-induced kynurenines play a major role in the antimicrobial effect of human myeloid cells against <i>Listeria monocytogenes</i> . <i>Innate Immunity</i> , 2014, 20, 401-411.	2.4	33
160	A transcriptional perspective on human macrophage biology. <i>Seminars in Immunology</i> , 2015, 27, 44-50.	5.6	33
161	Enhanced lipid biosynthesis in human tumor-induced macrophages contributes to their protumoral characteristics. , 2020, 8, e000638.		33
162	A pilot study of combined immunotherapy with autologous adoptive tumour-specific T-cell transfer, vaccination with CD40-activated malignant B cells and interleukin 2. <i>British Journal of Haematology</i> , 2001, 113, 455-460.	2.5	32

#	ARTICLE	IF	CITATIONS
163	Infection of Myeloid Dendritic Cells with <i>Listeria monocytogenes</i> Leads to the Suppression of T Cell Function by Multiple Inhibitory Mechanisms. <i>Journal of Immunology</i> , 2008, 181, 4976-4988.	0.8	32
164	Anti-mistletoe lectin antibodies are produced in patients during therapy with an aqueous mistletoe extract derived from <i>Viscum album L.</i> and neutralize lectin-induced cytotoxicity in vitro. <i>Klinische Wochenschrift</i> , 1990, 68, 896-900.	0.6	31
165	MCP-1 modulates chemotaxis by follicular lymphoma cells. <i>British Journal of Haematology</i> , 2001, 115, 554-562.	2.5	31
166	Minimal residual disease detection after myeloablative chemotherapy in chronic lymphatic leukemia. <i>Journal of Molecular Medicine</i> , 1999, 77, 259-265.	3.9	30
167	Demonstration of specifically sensitized lymphocytes in patients treated with an aqueous mistletoe extract (<i>Viscum album L.</i>). <i>Klinische Wochenschrift</i> , 1991, 69, 397-403.	0.6	28
168	Dendritic cells are significantly reduced in non-Hodgkin's lymphoma and express less CCR7 and CD62L. <i>Leukemia and Lymphoma</i> , 2006, 47, 613-622.	1.3	28
169	Comparative Approach to Define Increased Regulatory T Cells in Different Cancer Subtypes by Combined Assessment of CD127 and FOXP3. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-12.	3.3	28
170	Shiny-Seq: advanced guided transcriptome analysis. <i>BMC Research Notes</i> , 2019, 12, 432.	1.4	28
171	T cell responses to hepatitis B surface antigen are detectable in non-vaccinated individuals. <i>World Journal of Gastroenterology</i> , 2008, 14, 2529.	3.3	28
172	Immunoregulatory T cells: Role and potential as a target in malignancy. <i>Current Oncology Reports</i> , 2008, 10, 130-136.	4.0	27
173	Lack of PPAR γ in Myeloid Cells Confers Resistance to <i>Listeria monocytogenes</i> Infection. <i>PLoS ONE</i> , 2012, 7, e37349.	2.5	27
174	CD163 expression defines specific, IRF8-dependent, immune-modulatory macrophages in the bone marrow. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1137-1151.	2.9	27
175	Severe COVID-19 Shares a Common Neutrophil Activation Signature with Other Acute Inflammatory States. <i>Cells</i> , 2022, 11, 847.	4.1	27
176	Correspondence re R. Lapointe et al., CD40-stimulated B Lymphocytes Pulsed with Tumor Antigens Are Effective Antigen-presenting Cells That Can Generate Specific T Cells. <i>Cancer Res</i> 2003;63:2836-43.. <i>Cancer Research</i> , 2004, 64, 4055-4057.	0.9	26
177	The Dendritic Cell-like Functions of IFN-Producing Killer Dendritic Cells Reside in the CD11b+ Subset and Are Licensed by Tumor Cells. <i>Cancer Research</i> , 2009, 69, 6590-6597.	0.9	26
178	Bead Array-Based microRNA Expression Profiling of Peripheral Blood and the Impact of Different RNA Isolation Approaches. <i>Journal of Molecular Diagnostics</i> , 2010, 12, 335-344.	2.8	26
179	Systems Medicine in Chronic Inflammatory Diseases. <i>Immunity</i> , 2018, 48, 608-613.	14.3	26
180	CD40 activation: potential for specific immunotherapy in B-CLL. <i>Annals of Oncology</i> , 2004, 15, 853-857.	1.2	25

#	ARTICLE	IF	CITATIONS
181	Tumor-reactive CD8+ T-cell clones in patients after NY-ESO-1 peptide vaccination. <i>International Journal of Cancer</i> , 2007, 121, 2042-2048.	5.1	25
182	Taking off the brakes: T cell immunity in the liver. <i>Trends in Immunology</i> , 2010, 31, 311-317.	6.8	25
183	Optimization of transcription factor binding map accuracy utilizing knockout-mouse models. <i>Nucleic Acids Research</i> , 2014, 42, 13051-13060.	14.5	25
184	Hepatitis B Virus Activates Signal Transducer and Activator of Transcription 3 Supporting Hepatocyte Survival and Virus Replication. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 339-363.	4.5	25
185	RNA Stabilization of Peripheral Blood and Profiling by Bead Chip Analysis. <i>Methods in Molecular Biology</i> , 2009, 496, 175-210.	0.9	25
186	T cell mediated immunotherapy for B cell lymphoma. <i>Journal of Molecular Medicine</i> , 1999, 77, 322-331.	3.9	24
187	Teaching 'big data' analysis to young immunologists. <i>Nature Immunology</i> , 2015, 16, 902-905.	14.5	24
188	<i>De novo</i> DNA methylation controls neuronal maturation during adult hippocampal neurogenesis. <i>EMBO Journal</i> , 2021, 40, e107100.	7.8	24
189	Tumor endothelial cell up-regulation of IDO1 is an immunosuppressive feed-back mechanism that reduces the response to CD40-stimulating immunotherapy. <i>Oncolimmunology</i> , 2020, 9, 1730538.	4.6	23
190	Blood-based transcriptomics: leukemias and beyond. <i>Expert Review of Molecular Diagnostics</i> , 2009, 9, 271-280.	3.1	22
191	Expression of a Neuroendocrine Gene Signature in Gastric Tumor Cells from CEA 424-SV40 Large T Antigen-Transgenic Mice Depends on SV40 Large T Antigen. <i>PLoS ONE</i> , 2012, 7, e29846.	2.5	22
192	Characterization of inflammatory markers and transcriptome profiles of differentially activated embryonic stem cell-derived microglia. <i>Glia</i> , 2016, 64, 1007-1020.	4.9	22
193	NCX1 represents an ionic Na ⁺ sensing mechanism in macrophages. <i>PLoS Biology</i> , 2020, 18, e3000722.	5.6	22
194	Indoleamine 2,3-dioxygenase-expressing myeloid dendritic cells and macrophages in infectious and noninfectious cutaneous granulomas. <i>Journal of the American Academy of Dermatology</i> , 2011, 65, 819-832.	1.2	21
195	Cytokine-dependent regulation of dendritic cell differentiation in the splenic microenvironment. <i>European Journal of Immunology</i> , 2014, 44, 500-510.	2.9	21
196	Loss of Nucleobindin-2 Causes Insulin Resistance in Obesity without Impacting Satiety or Adiposity. <i>Cell Reports</i> , 2018, 24, 1085-1092.e6.	6.4	21
197	Identification of a new HLA-A*0201-restricted cryptic epitope from CYP1B1. <i>International Journal of Cancer</i> , 2005, 115, 333-336.	5.1	20
198	Cyclin D1-Specific Cytotoxic T Lymphocytes Are Present in the Repertoire of Cancer Patients: Implications for Cancer Immunotherapy. <i>Clinical Cancer Research</i> , 2008, 14, 6574-6579.	7.0	20

#	ARTICLE	IF	CITATIONS
199	RNA Aptamers Recognizing Murine CCL17 Inhibit T Cell Chemotaxis and Reduce Contact Hypersensitivity In Vivo. <i>Molecular Therapy</i> , 2018, 26, 95-104.	8.2	20
200	Alveolar macrophage transcriptomic profiling in COPD shows major lipid metabolism changes. <i>ERJ Open Research</i> , 2021, 7, 00915-2020.	2.6	20
201	In vivo Expansion of Naïve CD4 ⁺ CD25 ^{high} FOXP3 ⁺ Regulatory T Cells in Patients with Colorectal Carcinoma after IL-2 Administration. <i>PLoS ONE</i> , 2012, 7, e30422.	2.5	20
202	Inhibition of Nuclear Translocation of Nuclear Factor- κ B Despite Lack of Functional I κ B β Protein Overcomes Multiple Defects in Apoptosis Signaling in Human B-Cell Malignancies. <i>Clinical Cancer Research</i> , 2005, 11, 8186-8194.	7.0	19
203	Tumour immunotherapy: new tools, new treatment modalities and new T-cell antigens. <i>Vox Sanguinis</i> , 2001, 80, 81-89.	1.5	18
204	CD4 ⁺ CD25 ^{high} FOXP3 ⁺ Regulatory T Cells in Peripheral Blood Are Primarily of Effector Memory Phenotype. <i>Journal of Clinical Oncology</i> , 2007, 25, 2628-2630.	1.6	18
205	The European IPF Network: towards better care for a dreadful disease. <i>European Respiratory Journal</i> , 2011, 37, 747-748.	6.7	18
206	Differential Gene Expression in Circulating CD14 ⁺ Monocytes Indicates the Prognosis of Critically Ill Patients with Sepsis. <i>Journal of Clinical Medicine</i> , 2020, 9, 127.	2.4	18
207	A stimulating new target for cancer immunotherapy. <i>Lancet, The</i> , 1999, 354, 1225-1227.	13.7	17
208	Plasticity of Treg cells: Is reprogramming of Treg cells possible in the presence of FOXP3?. <i>International Immunopharmacology</i> , 2011, 11, 555-560.	3.8	17
209	Soluble mannose receptor induces proinflammatory macrophage activation and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
210	Transcriptional programming of human macrophages: on the way to systems immunology. <i>Journal of Molecular Medicine</i> , 2015, 93, 589-597.	3.9	16
211	Inactivation of ceramide synthase 2 catalytic activity in mice affects transcription of genes involved in lipid metabolism and cell division. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 734-749.	2.4	16
212	Immune memory characteristics of innate lymphoid cells. <i>Current Opinion in Infectious Diseases</i> , 2019, 32, 196-203.	3.1	16
213	Transcriptional profiling reveals progeroid <i>Ercc1</i> ^{-/-} mice as a model system for glomerular aging. <i>BMC Genomics</i> , 2013, 14, 559.	2.8	15
214	Tissue-resident macrophages – how to humanize our knowledge. <i>Immunology and Cell Biology</i> , 2017, 95, 173-177.	2.3	15
215	Mind the Map: Technology Shapes the Myeloid Cell Space. <i>Frontiers in Immunology</i> , 2019, 10, 2287.	4.8	15
216	Credl2 function during unfolded protein response is essential for liver metabolism homeostasis. <i>FASEB Journal</i> , 2021, 35, e21939.	0.5	15

#	ARTICLE	IF	CITATIONS
217	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. <i>European Respiratory Journal</i> , 2022, 60, 2102057.	6.7	15
218	Tumor-specific adoptive T-cell therapy for CD40+ B-cell malignancies. <i>Current Opinion in Oncology</i> , 1998, 10, 542-547.	2.4	14
219	illuminaGUI: Graphical User Interface for analyzing gene expression data generated on the Illumina platform. <i>Bioinformatics</i> , 2007, 23, 1431-1433.	4.1	14
220	Cancer Vaccine Enhanced, Non-Tumor-Reactive CD8+ T Cells Exhibit a Distinct Molecular Program Associated with ð Division Arrest Anergy. <i>Cancer Research</i> , 2009, 69, 4346-4354.	0.9	14
221	Targeting hormone refractory prostate cancer by in vivo selected DNA libraries in an orthotopic xenograft mouse model. <i>Scientific Reports</i> , 2019, 9, 4976.	3.3	14
222	Use of genome-wide high-throughput technologies in biomarker development. <i>Biomarkers in Medicine</i> , 2008, 2, 509-524.	1.4	13
223	Myelopoiesis Reloaded: Single-Cell Transcriptomics Leads the Way. <i>Immunity</i> , 2016, 44, 18-20.	14.3	13
224	Systems immunology allows a new view on human dendritic cells. <i>Seminars in Cell and Developmental Biology</i> , 2019, 86, 15-23.	5.0	13
225	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527.	14.5	13
226	The shared tumor associated antigen cyclin A2 is recognized by high avidity T cells. <i>International Journal of Cancer</i> , 2009, 125, 2474-2478.	5.1	12
227	The stem cell-specific protein TRIM71 inhibits maturation and activity of the prodifferentiation miRNA let-7 via two independent molecular mechanisms. <i>Rna</i> , 2021, 27, 805-828.	3.5	12
228	Induction of anti-mistletoe lectin antibodies in relation to different mistletoe extracts. <i>Anti-Cancer Drugs</i> , 1997, 8, S57-S59.	1.4	11
229	Why Do B Cell Lymphoma Fail to Elicit Clinically Sufficient T Cell Immune Responses?. <i>Leukemia and Lymphoma</i> , 1999, 32, 223-236.	1.3	11
230	The bi-specific CD3-NCAM antibody: a model to preactivate T cells prior to tumour cell lysis. <i>Clinical and Experimental Immunology</i> , 2003, 134, 253-263.	2.6	11
231	Using CD40-activated B Cells to Efficiently Identify Epitopes of Tumor Antigens. <i>Journal of Immunotherapy</i> , 2009, 32, 157-160.	2.4	11
232	Prediction and prognosis: impact of gene expression profiling in personalized treatment of breast cancer patients. <i>EPMA Journal</i> , 2010, 1, 421-437.	6.1	11
233	Application of T cell-based transcriptomics to identify three candidate biomarkers for monitoring anti-TGFÎ²R therapy. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 147-156.	1.5	10
234	Myocardial infarction cell by cell. <i>Nature Immunology</i> , 2019, 20, 7-9.	14.5	10

#	ARTICLE	IF	CITATIONS
235	Optimized workflow for single-cell transcriptomics on infectious diseases including COVID-19. STAR Protocols, 2020, 1, 100233.	1.2	10
236	Aberrant chromatin landscape following loss of the H3.3 chaperone Daxx in haematopoietic precursors leads to Pu.1-mediated neutrophilia and inflammation. Nature Cell Biology, 2021, 23, 1224-1239.	10.3	10
237	Vaccination as immunotherapy for B cell lymphoma. , 1997, 15, 129-139.		9
238	Efficient Activation of Autologous Tumor-specific T Cells: A Simple Coculture Technique of Autologous Dendritic Cells Compared to Established Cell Fusion Strategies in Primary Human Colorectal Carcinoma. Journal of Immunotherapy, 2007, 30, 359-369.	2.4	9
239	Cooperative role of lymphotoxin \hat{I}^2 receptor and tumor necrosis factor receptor p55 in murine liver regeneration. Journal of Hepatology, 2016, 64, 1108-1117.	3.7	9
240	Interplay between thyroid cancer cells and macrophages: effects on IL-32 mediated cell death and thyroid cancer cell migration. Cellular Oncology (Dordrecht), 2019, 42, 691-703.	4.4	9
241	Reply to: "Lack of evidence for intergenerational inheritance of immune resistance to infections". Nature Immunology, 2022, 23, 208-209.	14.5	9
242	Mature neutrophils and a NF κ B-to-IFN transition determine the unifying disease recovery dynamics in COVID-19. Cell Reports Medicine, 2022, , 100652.	6.5	9
243	Generation of Melanoma-Specific Cytotoxic T Lymphocytes for Allogeneic Immunotherapy. Journal of Immunotherapy, 2003, 26, 257-269.	2.4	8
244	Chromatin Remodeling in Monocyte and Macrophage Activation. Advances in Protein Chemistry and Structural Biology, 2017, 106, 1-15.	2.3	8
245	Unbalanced Expression of Bcl-2 Family Proteins in Follicular Lymphoma: Contribution of CD40 Signaling in Promoting Survival. Blood, 1998, 91, 244-251.	1.4	8
246	NK cell depletion diminish tumour-specific B cell responses. Immunology Letters, 2004, 93, 205-210.	2.5	7
247	Apoptosis-resistant phenotype of classical Hodgkin's lymphoma is not mediated by somatic mutations within genes encoding members of the death-inducing signaling complex (DISC). Leukemia, 2005, 19, 1079-1082.	7.2	7
248	One Step Generation of Fully Chimeric Antibodies Using C \hat{I}^3 1- and C \hat{I}^9 Mutant Mice. Journal of Immunotherapy, 2007, 30, 338-349.	2.4	7
249	New "co-programmers" in tissue macrophage activation. Pflugers Archiv European Journal of Physiology, 2017, 469, 375-383.	2.8	7
250	The SWI/SNF subunit Bcl7a contributes to motor coordination and Purkinje cell function. Scientific Reports, 2017, 7, 17055.	3.3	7
251	Minimal residual disease in non-Hodgkin's lymphoma. Biomedicine and Pharmacotherapy, 1996, 50, 451-458.	5.6	6
252	A Population of Radio-Resistant Macrophages in the Deep Myenteric Plexus Contributes to Postoperative Ileus Via Toll-Like Receptor 3 Signaling. Frontiers in Immunology, 2020, 11, 581111.	4.8	6

#	ARTICLE	IF	CITATIONS
253	Differences in thrombin and plasmin generation potential between East African and Western European adults: The role of genetic and non-genetic factors. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1089-1105.	3.8	6
254	Induction of Rosette-to-Lumen stage embryoids using reprogramming paradigms in ESCs. <i>Nature Communications</i> , 2021, 12, 7322.	12.8	6
255	Degeneracy instead of specificity: is this a solution to cancer immunotherapy?. <i>Trends in Immunology</i> , 2002, 23, 343-344.	6.8	5
256	T-cell analysis in identical twins reveals an impaired anti-follicular lymphoma immune response in the patient but not in the healthy twin. <i>British Journal of Haematology</i> , 2002, 116, 122-127.	2.5	5
257	The major subtypes of human B-cell lymphomas lack mutations in BCL-2 family member BAD. <i>International Journal of Cancer</i> , 2006, 119, 1738-1740.	5.1	5
258	The nuclear receptor PPAR γ selectively inhibits Th17 differentiation in a T cell-intrinsic fashion and suppresses CNS autoimmunity. <i>Journal of Experimental Medicine</i> , 2009, 206, 3159-3159.	8.5	5
259	Immunophysiology: Macrophages as key regulators of homeostasis in various organs. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 363-364.	2.8	5
260	Autologous Tumor Infiltrating T Cells Cytotoxic for Follicular Lymphoma Cells Can Be Expanded In Vitro. <i>Blood</i> , 1997, 89, 3806-3816.	1.4	5
261	The development of a comparison approach for Illumina bead chips unravels unexpected challenges applying newest generation microarrays. <i>BMC Bioinformatics</i> , 2009, 10, 186.	2.6	4
262	Accelerated Genomics Data Processing using Memory-Driven Computing. , 2019, , .		4
263	Human Bacille Calmette-Guérin Vaccination Elicits Trained Immunity Via the Hematopoietic Progenitor Compartment. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
264	In Vivo Expression of B7-1 and B7-2 By Follicular Lymphoma Cells Can Prevent Induction of T-Cell Energy But Is Insufficient to Induce Significant T-Cell Proliferation. <i>Blood</i> , 1997, 90, 4297-4306.	1.4	4
265	A novel computational architecture for large-scale genomics. <i>Nature Biotechnology</i> , 2020, 38, 1239-1241.	17.5	4
266	Swarm immunology: harnessing blockchain technology and artificial intelligence in human immunology. <i>Nature Reviews Immunology</i> , 2022, 22, 401-403.	22.7	4
267	Vav1 regulates MHCII expression in murine resting and activated B cells. <i>International Immunology</i> , 2013, 25, 307-317.	4.0	3
268	Precision attack on calcineurin in macrophages: a new anti-inflammatory weapon. <i>EMBO Journal</i> , 2014, 33, 1087-1088.	7.8	3
269	Editorial. <i>Seminars in Immunology</i> , 2015, 27, 1-3.	5.6	3
270	Expression of the Phosphatase Ppaf2 Controls Survival and Function of CD8+ Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 222.	4.8	3

#	ARTICLE	IF	CITATIONS
271	Regulatory T cells: timing is everything. <i>Blood</i> , 2006, 107, 857-857.	1.4	2
272	Re-overcoming barriers in translating biomarkers to clinical practice. <i>Expert Opinion on Medical Diagnostics</i> , 2010, 4, 103-112.	1.6	2
273	176. <i>Cytokine</i> , 2014, 70, 70.	3.2	2
274	Macrophage tolerance in the gut: It is in the epigenome!. <i>European Journal of Immunology</i> , 2016, 46, 1838-1841.	2.9	2
275	Vaccination as immunotherapy for B cell lymphoma. <i>Hematological Oncology</i> , 1997, 15, 129-139.	1.7	2
276	The detection of minimal residual disease: implications for bone marrow transplantation. <i>Cancer Treatment and Research</i> , 1997, 77, 99-120.	0.5	2
277	Role of IDO in Dendritic Cell Differentiation and Function in Cancer. , 2009, , 219-229.		2
278	Influence of Genomics on Cancer Vaccine Development - from Guess to Prediction. <i>Current Pharmaceutical Design</i> , 2002, 8, 1735-1748.	1.9	1
279	DCs in lymphoma – biology and therapeutic aspects. <i>Cytotherapy</i> , 2004, 6, 138-147.	0.7	1
280	Imbalance of DNA-dependent protein kinase subunits in polycythemia vera peripheral blood stem cells. <i>International Journal of Cancer</i> , 2009, 124, 600-607.	5.1	1
281	Navigating disease phenotypes – A multidimensional single-cell resolution compass leads the way. <i>Current Opinion in Systems Biology</i> , 2017, 3, 147-153.	2.6	1
282	Advances in single-cell epigenomics of the immune system. , 2020, , 185-216.		1
283	Bioinformatic Assessment of Macrophage Activation by the Innate Immune System. <i>Methods in Molecular Biology</i> , 2018, 1714, 19-40.	0.9	1
284	Overexpression of Lipases Enables Specific Cytotoxicity by the Lipase Inhibitor Orlistat in Chronic Lymphocytic Leukemia Cells.. <i>Blood</i> , 2006, 108, 2800-2800.	1.4	1
285	IL-18 Elicited Suppressor NK Cells with Immunoregulatory Functions. <i>Blood</i> , 2008, 112, 106-106.	1.4	1
286	Tumor-Induced Cholesterol Efflux from Macrophages Drives IL-4 Mediated Reprogramming and Tumor Progression. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
287	Privacy considerations for sharing genomics data. <i>EXCLI Journal</i> , 2021, 20, 1243-1260.	0.7	1
288	An array of immunotherapeutic strategies for B-cell lymphomas. <i>Expert Opinion on Investigational Drugs</i> , 1999, 8, 2059-2071.	4.1	0

#	ARTICLE	IF	CITATIONS
289	Defining tumor antigens: mRNA, protein or cytotoxicity?. Trends in Immunology, 2002, 23, 237-238.	6.8	0
290	Specificity meets function. Nature Immunology, 2019, 20, 1565-1567.	14.5	0
291	Artificial Intelligence in Blood Transcriptomics. , 2021, , 1-16.		0
292	Molecular Immunological Modulation of Target Cells to Enhance the GVL Effect. , 2000, , .		0
293	Immune Defects in Patients Suffering From Non-Hodgkinâ€™s Lymphoma. , 2004, , 295-314.		0
294	Cancer vaccine enhanced nonâ€™tumorâ€™reactive CD8 + T cells exhibit a distinct molecular program associated with â€™division arrest anergyâ€™. FASEB Journal, 2008, 22, 1077.18.	0.5	0
295	Deregulation of miRNAs by Epigenetic Silencing Disrupts Suppression of the Oncogene PLAG1 in Chronic Lymphocytic Leukemia.. Blood, 2009, 114, 3463-3463.	1.4	0
296	High dimensional single cell analysis reveals unexpected immune cell types, and loss of motility and chemokine receptor expression of alveolar macrophages in chronic obstructive respiratory disease. , 2018, , .		0
297	S100-Alarmins are Crucial Host Factors for the Postnatal Development of Gut Homeostasis. SSRN Electronic Journal, 0, , .	0.4	0
298	Abstract A128: Tumor endothelial cells say IDO to CD40-stimulating immunotherapy. , 2019, , .		0
299	Artificial Intelligence in Blood Transcriptomics. , 2022, , 1109-1123.		0
300	Time for a voluntary crisis research service. Cell Death and Differentiation, 2022, 29, 888-890.	11.2	0