

Joachim L Schultze

List of Publications by Year in descending order

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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	Reply to: "Lack of evidence for intergenerational inheritance of immune resistance to infections" TM . <i>Nature Immunology</i> , 2022, 23, 208-209.	14.5	9
2	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. <i>European Respiratory Journal</i> , 2022, 60, 2102057.	6.7	15
3	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
4	Complement activation induces excessive T cell cytotoxicity in severe COVID-19. <i>Cell</i> , 2022, 185, 493-512.e25.	28.9	122
5	Artificial Intelligence in Blood Transcriptomics. , 2022, , 1109-1123.		0
6	Severe COVID-19 Shares a Common Neutrophil Activation Signature with Other Acute Inflammatory States. <i>Cells</i> , 2022, 11, 847.	4.1	27
7	Time for a voluntary crisis research service. <i>Cell Death and Differentiation</i> , 2022, 29, 888-890.	11.2	0
8	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
9	Immune response in COVID-19: what is next?. <i>Cell Death and Differentiation</i> , 2022, 29, 1107-1122.	11.2	69
10	Mature neutrophils and a NFkB-to-IFN transition determine the unifying disease recovery dynamics in COVID-19. <i>Cell Reports Medicine</i> , 2022, , 100652.	6.5	9
11	Swarm immunology: harnessing blockchain technology and artificial intelligence in human immunology. <i>Nature Reviews Immunology</i> , 2022, 22, 401-403.	22.7	4
12	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	14.5	274
13	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	8.2	193
14	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
15	Neutrophils in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 652470.	4.8	206
16	COVID-19 and the human innate immune system. <i>Cell</i> , 2021, 184, 1671-1692.	28.9	524
17	Alveolar macrophage transcriptomic profiling in COPD shows major lipid metabolism changes. <i>ERJ Open Research</i> , 2021, 7, 00915-2020.	2.6	20
18	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375

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19	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
20	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
21	Monocytes and Macrophages in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 720109.	4.8	168
22	<i>De novo</i> DNA methylation controls neuronal maturation during adult hippocampal neurogenesis. <i>EMBO Journal</i> , 2021, 40, e107100.	7.8	24
23	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
24	Credl2 function during unfolded protein response is essential for liver metabolism homeostasis. <i>FASEB Journal</i> , 2021, 35, e21939.	0.5	15
25	Artificial Intelligence in Blood Transcriptomics. , 2021, , 1-16.		0
26	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
27	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021, 22, 1382-1390.	14.5	72
28	Privacy considerations for sharing genomics data. <i>EXCLI Journal</i> , 2021, 20, 1243-1260.	0.7	1
29	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
30	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. <i>Cell</i> , 2021, 184, 6243-6261.e27.	28.9	277
31	Induction of Rosette-to-Lumen stage embryoids using reprogramming paradigms in ESCs. <i>Nature Communications</i> , 2021, 12, 7322.	12.8	6
32	Aberrant chromatin landscape following loss of the H3.3 chaperone Daxx in haematopoietic precursors leads to Pu.1-mediated neutrophilia and inflammation. <i>Nature Cell Biology</i> , 2021, 23, 1224-1239.	10.3	10
33	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
34	Scalable Prediction of Acute Myeloid Leukemia Using High-Dimensional Machine Learning and Blood Transcriptomics. <i>IScience</i> , 2020, 23, 100780.	4.1	55
35	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
36	LifeTime and improving European healthcare through cell-based interceptive medicine. <i>Nature</i> , 2020, 587, 377-386.	27.8	108

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37	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	28.9	1,162
38	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	28.9	277
39	Enhanced lipid biosynthesis in human tumor-induced macrophages contributes to their protumoral characteristics. , 2020, 8, e000638.		33
40	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
41	Optimized workflow for single-cell transcriptomics on infectious diseases including COVID-19. <i>STAR Protocols</i> , 2020, 1, 100233.	1.2	10
42	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527.	14.5	13
43	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
44	NCX1 represents an ionic Na ⁺ sensing mechanism in macrophages. <i>PLoS Biology</i> , 2020, 18, e3000722.	5.6	22
45	Advances in single-cell epigenomics of the immune system. , 2020, , 185-216.		1
46	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
47	Tumor endothelial cell up-regulation of IDO1 is an immunosuppressive feed-back mechanism that reduces the response to CD40-stimulating immunotherapy. <i>Oncotarget</i> , 2020, 9, 1730538.	4.6	23
48	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	22.7	1,345
49	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
50	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
51	A Population of Radio-Resistant Macrophages in the Deep Myenteric Plexus Contributes to Postoperative Ileus Via Toll-Like Receptor 3 Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 581111.	4.8	6
52	A novel computational architecture for large-scale genomics. <i>Nature Biotechnology</i> , 2020, 38, 1239-1241.	17.5	4
53	Shiny-Seq: advanced guided transcriptome analysis. <i>BMC Research Notes</i> , 2019, 12, 432.	1.4	28
54	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

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55	Mind the Map: Technology Shapes the Myeloid Cell Space. <i>Frontiers in Immunology</i> , 2019, 10, 2287.	4.8	15
56	Human Monocyte Subsets and Phenotypes in Major Chronic Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2035.	4.8	529
57	Interplay between thyroid cancer cells and macrophages: effects on IL-32 mediated cell death and thyroid cancer cell migration. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 691-703.	4.4	9
58	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
59	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
60	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
61	Expression of the Phosphatase Ppaf2 Controls Survival and Function of CD8+ Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 222.	4.8	3
62	Transcriptional profiling of human microglia reveals greyâ€“white matter heterogeneity and multiple sclerosis-associated changes. <i>Nature Communications</i> , 2019, 10, 1139.	12.8	214
63	Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. <i>Cell Metabolism</i> , 2019, 29, 1376-1389.e4.	16.2	261
64	Emerging Principles in Myelopoiesis at Homeostasis and during Infection and Inflammation. <i>Immunity</i> , 2019, 50, 288-301.	14.3	106
65	Accelerated Genomics Data Processing using Memory-Driven Computing. , 2019, , .		4
66	Specificity meets function. <i>Nature Immunology</i> , 2019, 20, 1565-1567.	14.5	0
67	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
68	Immune memory characteristics of innate lymphoid cells. <i>Current Opinion in Infectious Diseases</i> , 2019, 32, 196-203.	3.1	16
69	Stroke target identification guided by astrocyte transcriptome analysis. <i>Glia</i> , 2019, 67, 619-633.	4.9	77
70	The Myeloid Cell Compartmentâ€“Cell by Cell. <i>Annual Review of Immunology</i> , 2019, 37, 269-293.	21.8	140
71	Innate and Adaptive Immune Memory: an Evolutionary Continuum in the Hostâ€™s Response to Pathogens. <i>Cell Host and Microbe</i> , 2019, 25, 13-26.	11.0	341
72	Myocardial infarction cell by cell. <i>Nature Immunology</i> , 2019, 20, 7-9.	14.5	10

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73	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
74	Epigenetic reprogramming of immune cells in injury, repair, and resolution. <i>Journal of Clinical Investigation</i> , 2019, 129, 2994-3005.	8.2	55
75	Abstract A128: Tumor endothelial cells say IDO to CD40-stimulating immunotherapy. , 2019, , .		0
76	Ceramide Synthase Schlank Is a Transcriptional Regulator Adapting Gene Expression to Energy Requirements. <i>Cell Reports</i> , 2018, 22, 967-978.	6.4	40
77	Systems Medicine in Chronic Inflammatory Diseases. <i>Immunity</i> , 2018, 48, 608-613.	14.3	26
78	Innate immune memory in the brain shapes neurological disease hallmarks. <i>Nature</i> , 2018, 556, 332-338.	27.8	605
79	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
80	Exosomes – Small Players, Big Sound. <i>Bioconjugate Chemistry</i> , 2018, 29, 635-648.	3.6	35
81	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018, 172, 147-161.e12.	28.9	702
82	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. <i>Cell</i> , 2018, 172, 162-175.e14.	28.9	705
83	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
84	Systematic evaluation of cell-SELEX enriched aptamers binding to breast cancer cells. <i>Biochimie</i> , 2018, 145, 53-62.	2.6	46
85	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
86	Nuclear FOXO1 promotes lymphomagenesis in germinal center B cells. <i>Blood</i> , 2018, 132, 2670-2683.	1.4	36
87	Dysregulated Functions of Lung Macrophage Populations in COPD. <i>Journal of Immunology Research</i> , 2018, 2018, 1-19.	2.2	51
88	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
89	Systematic evaluation of error rates and causes in short samples in next-generation sequencing. <i>Scientific Reports</i> , 2018, 8, 10950.	3.3	224
90	Bioinformatic Assessment of Macrophage Activation by the Innate Immune System. <i>Methods in Molecular Biology</i> , 2018, 1714, 19-40.	0.9	1

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91	CD83 expression is essential for Treg cell differentiation and stability. JCI Insight, 2018, 3, .	5.0	42
92	Autoinhibitory regulation of S100A8/S100A9 alarmin activity locally restricts sterile inflammation. Journal of Clinical Investigation, 2018, 128, 1852-1866.	8.2	166
93	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
94	ImpulseDE: detection of differentially expressed genes in time series data using impulse models. Bioinformatics, 2017, 33, 757-759.	4.1	38
95	Chromatin Remodeling in Monocyte and Macrophage Activation. Advances in Protein Chemistry and Structural Biology, 2017, 106, 1-15.	2.3	8
96	Generation and functional characterization of MDSC-like cells. OncoImmunology, 2017, 6, e1295203.	4.6	40
97	Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. Gut, 2017, 66, 507-518.	12.1	65
98	New "programmers" in tissue macrophage activation. Pflugers Archiv European Journal of Physiology, 2017, 469, 375-383.	2.8	7
99	Immunophysiology: Macrophages as key regulators of homeostasis in various organs. Pflugers Archiv European Journal of Physiology, 2017, 469, 363-364.	2.8	5
100	A chronic low dose of δ^9 -tetrahydrocannabinol (THC) restores cognitive function in old mice. Nature Medicine, 2017, 23, 782-787.	30.7	188
101	S100-alarmin-induced innate immune programming protects newborn infants from sepsis. Nature Immunology, 2017, 18, 622-632.	14.5	131
102	Mapping the human DC lineage through the integration of high-dimensional techniques. Science, 2017, 356, .	12.6	429
103	Inflammasome-driven catecholamine catabolism in macrophages blunts lipolysis during ageing. Nature, 2017, 550, 119-123.	27.8	329
104	Navigating disease phenotypes " A multidimensional single-cell resolution compass leads the way. Current Opinion in Systems Biology, 2017, 3, 147-153.	2.6	1
105	Hepatitis B Virus Activates Signal Transducer and Activator of Transcription 3 Supporting Hepatocyte Survival and Virus Replication. Cellular and Molecular Gastroenterology and Hepatology, 2017, 4, 339-363.	4.5	25
106	The SWI/SNF subunit Bcl7a contributes to motor coordination and Purkinje cell function. Scientific Reports, 2017, 7, 17055.	3.3	7
107	Tissue-resident macrophages " how to humanize our knowledge. Immunology and Cell Biology, 2017, 95, 173-177.	2.3	15
108	Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. Immunity, 2017, 47, 1051-1066.e12.	14.3	133

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109	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
110	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
111	Human lymphoid organ dendritic cell identity is predominantly dictated by ontogeny, not tissue microenvironment. <i>Science Immunology</i> , 2016, 1, .	11.9	145
112	Cooperative role of lymphotoxin $\hat{1}^2$ receptor and tumor necrosis factor receptor p55 in murine liver regeneration. <i>Journal of Hepatology</i> , 2016, 64, 1108-1117.	3.7	9
113	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
114	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>Oncolmmunology</i> , 2016, 5, e1229725.	4.6	95
115	The Calcium Channel Subunit Alpha2delta2 Suppresses Axon Regeneration in the Adult CNS. <i>Neuron</i> , 2016, 92, 419-434.	8.1	193
116	Specification of tissue-resident macrophages during organogenesis. <i>Science</i> , 2016, 353, .	12.6	609
117	Macrophage tolerance in the gut: It is in the epigenome!. <i>European Journal of Immunology</i> , 2016, 46, 1838-1841.	2.9	2
118	Epigenomic Profiling of Human CD4+ T Cells Supports a Linear Differentiation Model and Highlights Molecular Regulators of Memory Development. <i>Immunity</i> , 2016, 45, 1148-1161.	14.3	174
119	Transcriptome-based profiling of yolk sac-derived macrophages reveals a role for <i>Irf8</i> in macrophage maturation. <i>EMBO Journal</i> , 2016, 35, 1730-1744.	7.8	108
120	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. <i>Cell</i> , 2016, 167, 1145-1149.	28.9	404
121	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
122	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016, 8, 333ra50.	12.4	271
123	Web-TCGA: an online platform for integrated analysis of molecular cancer data sets. <i>BMC Bioinformatics</i> , 2016, 17, 72.	2.6	140
124	Myelopoiesis Reloaded: Single-Cell Transcriptomics Leads the Way. <i>Immunity</i> , 2016, 44, 18-20.	14.3	13
125	New insights into the multidimensional concept of macrophage ontogeny, activation and function. <i>Nature Immunology</i> , 2016, 17, 34-40.	14.5	630
126	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

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127	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
128	The transcriptional regulator network of human inflammatory macrophages is defined by open chromatin. <i>Cell Research</i> , 2016, 26, 151-170.	12.0	103
129	Reprogramming of macrophages – new opportunities for therapeutic targeting. <i>Current Opinion in Pharmacology</i> , 2016, 26, 10-15.	3.5	63
130	Molecular features of macrophage activation. <i>Seminars in Immunology</i> , 2015, 27, 416-423.	5.6	72
131	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
132	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
133	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
134	Editorial. <i>Seminars in Immunology</i> , 2015, 27, 1-3.	5.6	3
135	Transcriptional programming of human macrophages: on the way to systems immunology. <i>Journal of Molecular Medicine</i> , 2015, 93, 589-597.	3.9	16
136	A transcriptional perspective on human macrophage biology. <i>Seminars in Immunology</i> , 2015, 27, 44-50.	5.6	33
137	ATF3 Is a Key Regulator of Macrophage IFN Responses. <i>Journal of Immunology</i> , 2015, 195, 4446-4455.	0.8	121
138	Functional classification of memory CD8+ T cells by CX3CR1 expression. <i>Nature Communications</i> , 2015, 6, 8306.	12.8	231
139	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , 2015, 350, 972-978.	12.6	367
140	Teaching 'big data' analysis to young immunologists. <i>Nature Immunology</i> , 2015, 16, 902-905.	14.5	24
141	Macrophage activation in human diseases. <i>Seminars in Immunology</i> , 2015, 27, 249-256.	5.6	101
142	Alarmins MRP8 and MRP14 Induce Stress Tolerance in Phagocytes under Sterile Inflammatory Conditions. <i>Cell Reports</i> , 2014, 9, 2112-2123.	6.4	118
143	Ear2 Deletion Causes Early Memory and Learning Deficits in APP/PS1 Mice. <i>Journal of Neuroscience</i> , 2014, 34, 8845-8854.	3.6	54
144	Precision attack on calcineurin in macrophages: a new anti-inflammatory weapon. <i>EMBO Journal</i> , 2014, 33, 1087-1088.	7.8	3

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145	IL-6 trans-Signaling-Dependent Rapid Development of Cytotoxic CD8+ T Cell Function. <i>Cell Reports</i> , 2014, 8, 1318-1327.	6.4	81
146	Cytokine-Dependent regulation of dendritic cell differentiation in the splenic microenvironment. <i>European Journal of Immunology</i> , 2014, 44, 500-510.	2.9	21
147	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
148	CCL2/CCR2-Dependent Recruitment of Functional Antigen-Presenting Cells into Tumors upon Chemotherapy. <i>Cancer Research</i> , 2014, 74, 436-445.	0.9	118
149	Optimization of transcription factor binding map accuracy utilizing knockout-mouse models. <i>Nucleic Acids Research</i> , 2014, 42, 13051-13060.	14.5	25
150	New Insights into IDO Biology in Bacterial and Viral Infections. <i>Frontiers in Immunology</i> , 2014, 5, 384.	4.8	158
151	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
152	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
153	Cancer cell-autonomous contribution of type I interferon signaling to the efficacy of chemotherapy. <i>Nature Medicine</i> , 2014, 20, 1301-1309.	30.7	823
154	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014, 41, 14-20.	14.3	4,638
155	176. <i>Cytokine</i> , 2014, 70, 70.	3.2	2
156	Transcriptome-Based Network Analysis Reveals a Spectrum Model of Human Macrophage Activation. <i>Immunity</i> , 2014, 40, 274-288.	14.3	1,692
157	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
158	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
159	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
160	Liver-Primed Memory T Cells Generated under Noninflammatory Conditions Provide Anti-infectious Immunity. <i>Cell Reports</i> , 2013, 3, 779-795.	6.4	65
161	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
162	Vav1 regulates MHCII expression in murine resting and activated B cells. <i>International Immunology</i> , 2013, 25, 307-317.	4.0	3

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163	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
164	Unique transcriptome signature of mouse microglia. <i>Glia</i> , 2013, 61, 1429-1442.	4.9	105
165	Expression of type I interferon by splenic macrophages suppresses adaptive immunity during sepsis. <i>EMBO Journal</i> , 2012, 31, 201-213.	7.8	33
166	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
167	Regulatory dendritic cells: there is more than just immune activation. <i>Frontiers in Immunology</i> , 2012, 3, 274.	4.8	187
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