

Jianzhu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

168
papers

15,300
citations

20759

60
h-index

18606

119
g-index

172
all docs

172
docs citations

172
times ranked

21913
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-2 receptor β chain regulates the size and content of the peripheral lymphoid compartment. <i>Immunity</i> , 1995, 3, 521-530.	6.6	1,017
2	Densely Interconnected Transcriptional Circuits Control Cell States in Human Hematopoiesis. <i>Cell</i> , 2011, 144, 296-309.	13.5	843
3	B-1 and B-2 Cell-Derived Immunoglobulin M Antibodies Are Nonredundant Components of the Protective Response to Influenza Virus Infection. <i>Journal of Experimental Medicine</i> , 2000, 192, 271-280.	4.2	521
4	A Critical Role of Natural Immunoglobulin M in Immediate Defense Against Systemic Bacterial Infection. <i>Journal of Experimental Medicine</i> , 1998, 188, 2381-2386.	4.2	498
5	Homeostasis-Stimulated Proliferation Drives Naive T Cells to Differentiate Directly into Memory T Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 549-556.	4.2	480
6	RNA interference of influenza virus production by directly targeting mRNA for degradation and indirectly inhibiting all viral RNA transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2718-2723.	3.3	480
7	Inhibition of influenza virus production in virus-infected mice by RNA interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8676-8681.	3.3	431
8	CAR-NK cells: A promising cellular immunotherapy for cancer. <i>EBioMedicine</i> , 2020, 59, 102975.	2.7	425
9	Immunoglobulin gene rearrangement in B cell deficient mice generated by targeted deletion of the JH locus. <i>International Immunology</i> , 1993, 5, 647-656.	1.8	369
10	T-cell engagement of dendritic cells rapidly rearranges MHC class II transport. <i>Nature</i> , 2002, 418, 983-988.	13.7	368
11	Full deacylation of polyethylenimine dramatically boosts its gene delivery efficiency and specificity to mouse lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5679-5684.	3.3	344
12	Gene silencing using micro-RNA designed hairpins. <i>Rna</i> , 2002, 8, 842-850.	1.6	280
13	A B Cell-Based Sensor for Rapid Identification of Pathogens. <i>Science</i> , 2003, 301, 213-215.	6.0	268
14	Polymeric coatings that inactivate both influenza virus and pathogenic bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17667-17671.	3.3	263
15	Molecularly engineered poly(ortho ester) microspheres for enhanced delivery of DNA vaccines. <i>Nature Materials</i> , 2004, 3, 190-196.	13.3	261
16	Expression of human cytokines dramatically improves reconstitution of specific human-blood lineage cells in humanized mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21783-21788.	3.3	251
17	In vivo genome editing and organoid transplantation models of colorectal cancer and metastasis. <i>Nature Biotechnology</i> , 2017, 35, 569-576.	9.4	248
18	Cross-linked Small Polyethylenimines: While Still Nontoxic, Deliver DNA Efficiently to Mammalian Cells in Vitro and in Vivo. <i>Pharmaceutical Research</i> , 2005, 22, 373-380.	1.7	228

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19	From The Cover: Poly- \hat{A} amino ester-containing microparticles enhance the activity of nonviral genetic vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9534-9539.	3.3	221
20	Small Interfering RNA-Mediated Gene Silencing in T Lymphocytes. <i>Journal of Immunology</i> , 2002, 169, 5754-5760.	0.4	217
21	Endogenous T Cell Responses to Antigens Expressed in Lung Adenocarcinomas Delay Malignant Tumor Progression. <i>Cancer Cell</i> , 2011, 19, 72-85.	7.7	209
22	A Novel Mechanism Is Involved in Cationic Lipid-Mediated Functional siRNA Delivery. <i>Molecular Pharmaceutics</i> , 2009, 6, 763-771.	2.3	195
23	Inhibition of IFN- $\hat{3}$ transcription by site-specific methylation during T helper cell development. <i>EMBO Journal</i> , 2006, 25, 2443-2452.	3.5	187
24	Central Importance of Immunoglobulin A in Host Defense against <i>Giardia</i> spp.. <i>Infection and Immunity</i> , 2002, 70, 11-18.	1.0	180
25	Designing nanomedicine for immuno-oncology. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	178
26	Kruppel-Like Factor 2 Controls T Cell Trafficking by Activating L-Selectin (CD62L) and Sphingosine-1-Phosphate Receptor 1 Transcription. <i>Journal of Immunology</i> , 2007, 178, 7632-7639.	0.4	173
27	Synapse-directed delivery of immunomodulators using T-cell-conjugated nanoparticles. <i>Biomaterials</i> , 2012, 33, 5776-5787.	5.7	168
28	Sensitizing Protective Tumor Microenvironments to Antibody-Mediated Therapy. <i>Cell</i> , 2014, 156, 590-602.	13.5	155
29	The Resolution of Relapsing Fever Borreliosis Requires IgM and Is Concurrent with Expansion of B1b Lymphocytes. <i>Journal of Immunology</i> , 2003, 170, 3819-3827.	0.4	153
30	Sequential Reassortments Underlie Diverse Influenza H7N9 Genotypes in China. <i>Cell Host and Microbe</i> , 2013, 14, 446-452.	5.1	141
31	Control of V(D)J Recombinational Accessibility of the \hat{D}^1 Gene Segment at the TCR $\hat{2}$ Locus by a Germline Promoter. <i>Immunity</i> , 1999, 10, 313-322.	6.6	136
32	A Proposed Mechanism for the Induction of Cytotoxic T Lymphocyte Production by Heat Shock Fusion Proteins. <i>Immunity</i> , 2000, 12, 263-272.	6.6	126
33	Graphene Multilayers as Gates for Multi-Week Sequential Release of Proteins from Surfaces. <i>ACS Nano</i> , 2012, 6, 81-88.	7.3	122
34	Intracellular Water Exchange for Measuring the Dry Mass, Water Mass and Changes in Chemical Composition of Living Cells. <i>PLoS ONE</i> , 2013, 8, e67590.	1.1	118
35	Different contributions of thymopoiesis and homeostasis-driven proliferation to the reconstitution of naive and memory T cell compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2989-2994.	3.3	116
36	Interleukin-7 Receptor Signaling Network: An Integrated Systems Perspective. <i>Cellular and Molecular Immunology</i> , 2008, 5, 79-89.	4.8	112

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37	Structure-Guided Design of an Anti-dengue Antibody Directed to a Non-immunodominant Epitope. <i>Cell</i> , 2015, 162, 493-504.	13.5	111
38	Requirement of Shp-2 tyrosine phosphatase in lymphoid and hematopoietic cell development. <i>Blood</i> , 2001, 97, 911-914.	0.6	108
39	Non-viral siRNA delivery to the lung. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 124-133.	6.6	107
40	A genome-wide regulatory network identifies key transcription factors for memory CD8+ T-cell development. <i>Nature Communications</i> , 2013, 4, 2830.	5.8	103
41	Regulation of TCR β Gene Assembly by a Promoter/Enhancer Holocomplex. <i>Immunity</i> , 2006, 24, 381-391.	6.6	96
42	GM-CSF and IL-4 Stimulate Antibody Responses in Humanized Mice by Promoting T, B, and Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2012, 189, 5223-5229.	0.4	96
43	Regeneration of Alveolar Type I and II Cells from Scgb1a1-Expressing Cells following Severe Pulmonary Damage Induced by Bleomycin and Influenza. <i>PLoS ONE</i> , 2012, 7, e48451.	1.1	94
44	Gene rearrangement and B-cell development. <i>Current Opinion in Immunology</i> , 1993, 5, 194-200.	2.4	92
45	Mechanism of inactivation of influenza viruses by immobilized hydrophobic polycations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 61-66.	3.3	91
46	Lipid-derived nanoparticles for immunostimulatory RNA adjuvant delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E797-803.	3.3	88
47	Deletion of Germline Promoter PD β 1 from the TCR β Locus Causes Hypermethylation that Impairs D β 1 Recombination by Multiple Mechanisms. <i>Immunity</i> , 2000, 13, 703-714.	6.6	81
48	Inhibition of Multiple Subtypes of Influenza A Virus in Cell Cultures with Morpholino Oligomers. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3724-3733.	1.4	81
49	Engineering humanized mice for improved hematopoietic reconstitution. <i>Cellular and Molecular Immunology</i> , 2012, 9, 215-224.	4.8	79
50	Embryonic Lethality, Decreased Erythropoiesis, and Defective Octamer-Dependent Promoter Activation in Oct-1-Deficient Mice. <i>Molecular and Cellular Biology</i> , 2004, 24, 1022-1032.	1.1	78
51	Inhibition of Megakaryocyte Development in the Bone Marrow Underlies Dengue Virus-Induced Thrombocytopenia in Humanized Mice. <i>Journal of Virology</i> , 2013, 87, 11648-11658.	1.5	78
52	Use of siRNAs to prevent and treat influenza virus infection. <i>Virus Research</i> , 2004, 102, 37-42.	1.1	72
53	Cytosolic Delivery Mediated via Electrostatic Surface Binding of Protein, Virus, or siRNA Cargos to pH-Responsive Core β Shell Gel Particles. <i>Biomacromolecules</i> , 2009, 10, 756-765.	2.6	71
54	Soluble peptide-MHC monomers cause activation of CD8+ T cells through transfer of the peptide to T cell MHC molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13729-13734.	3.3	69

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55	Homeostatic T cell proliferation in a T cell-dendritic cell coculture system. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2983-2988.	3.3	67
56	B7-H1 (PD-L1) on T cells is required for T-cell-mediated conditioning of dendritic cell maturation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2741-2746.	3.3	67
57	Human natural killer cells control <i>Plasmodium falciparum</i> infection by eliminating infected red blood cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1479-1484.	3.3	67
58	Competition for self-peptide-MHC complexes and cytokines between naive and memory CD8 ⁺ T cells expressing the same or different T cell receptors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3041-3046.	3.3	65
59	Rapid tolerization of virus-activated tumor-specific CD8 ⁺ T cells in prostate tumors of TRAMP mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13003-13008.	3.3	65
60	The Impact of TCR-Binding Properties and Antigen Presentation Format on T Cell Responsiveness. Journal of Immunology, 2009, 183, 1166-1178.	0.4	65
61	Basigin is a druggable target for host-oriented antimalarial interventions. Journal of Experimental Medicine, 2015, 212, 1145-1151.	4.2	62
62	High-throughput phenotypic screen and transcriptional analysis identify new compounds and targets for macrophage reprogramming. Nature Communications, 2021, 12, 773.	5.8	62
63	A Cellular Pathway Involved in Clara Cell to Alveolar Type II Cell Differentiation after Severe Lung Injury. PLoS ONE, 2013, 8, e71028.	1.1	61
64	Signaling thresholds govern heterogeneity in IL-7 receptor-mediated responses of naive CD8 ⁺ T cells. Immunology and Cell Biology, 2011, 89, 581-594.	1.0	60
65	SMAR1, a Novel, Alternatively Spliced Gene Product, Binds the Scaffold/Matrix-Associated Region at the T Cell Receptor Î² Locus. Genomics, 2000, 68, 93-96.	1.3	57
66	Evidence for Scgb1a1 ⁺ Cells in the Generation of p63 ⁺ Cells in the Damaged Lung Parenchyma. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 595-604.	1.4	55
67	A Nuclear Matrix Attachment Region Upstream of the T Cell Receptor Î² Gene Enhancer Binds Cux/CDP and SATB1 and Modulates Enhancer-dependent Reporter Gene Expression but Not Endogenous Gene Expression. Journal of Biological Chemistry, 1998, 273, 29838-29846.	1.6	54
68	Deletion of Calcineurin and Myocyte Enhancer Factor 2 (MEF2) Binding Domain of Cabin1 Results in Enhanced Cytokine Gene Expression in T Cells. Journal of Experimental Medicine, 2001, 194, 1449-1459.	4.2	54
69	Microvesicles from malaria-infected red blood cells activate natural killer cells via MDA5 pathway. PLoS Pathogens, 2018, 14, e1007298.	2.1	54
70	Major Shifts in the Spatio-Temporal Distribution of Lung Antioxidant Enzymes during Influenza Pneumonia. PLoS ONE, 2012, 7, e31494.	1.1	52
71	Identification of Novel Superior Polycationic Vectors for Gene Delivery by High-throughput Synthesis and Screening of a Combinatorial Library. Pharmaceutical Research, 2007, 24, 1564-1571.	1.7	51
72	Probing immune functions in RAG-deficient mice. Current Opinion in Immunology, 1994, 6, 313-319.	2.4	50

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73	B Cells Promote Pancreatic Tumorigenesis. <i>Cancer Discovery</i> , 2016, 6, 230-232.	7.7	49
74	In situ cancer vaccination using lipidoid nanoparticles. <i>Science Advances</i> , 2021, 7, .	4.7	49
75	IL-2 receptor β chain expression during early B lymphocyte differentiation. <i>International Immunology</i> , 1994, 6, 1265-1268.	1.8	48
76	Generation of normal T and B lymphocytes by c-jun deficient embryonic stem cells. <i>Immunity</i> , 1994, 1, 65-72.	6.6	48
77	Human CD34+ CD133+ Hematopoietic Stem Cells Cultured with Growth Factors Including Angptl5 Efficiently Engraft Adult NOD-SCID Il2r β ^{-/-} / α ^{-/-} (NSG) Mice. <i>PLoS ONE</i> , 2011, 6, e18382.	1.1	48
78	Expansion, persistence, and efficacy of donor memory-like NK cells infused for posttransplant relapse. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	48
79	Rapid generation of human B-cell lymphomas via combined expression of Myc and Bcl2 and their use as a preclinical model for biological therapies. <i>Oncogene</i> , 2013, 32, 1066-1072.	2.6	47
80	Human Fetal Hepatic Progenitor Cells Are Distinct from, but Closely Related to, Hematopoietic Stem/Progenitor Cells. <i>Stem Cells</i> , 2013, 31, 1160-1169.	1.4	47
81	CAR-T cells targeting a nucleophosmin neopeptide exhibit potent specific activity in mouse models of acute myeloid leukaemia. <i>Nature Biomedical Engineering</i> , 2021, 5, 399-413.	11.6	46
82	Regulated Expression of a Tumor-Associated Antigen Reveals Multiple Levels of T-Cell Tolerance in a Mouse Model of Lung Cancer. <i>Cancer Research</i> , 2008, 68, 9459-9468.	0.4	45
83	Polymer-attached zanamivir inhibits synergistically both early and late stages of influenza virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20385-20390.	3.3	45
84	Hydrophobic polycationic coatings disinfect poliovirus and rotavirus solutions. <i>Biotechnology and Bioengineering</i> , 2011, 108, 720-723.	1.7	44
85	TNF Receptor 1 Mediates Dendritic Cell Maturation and CD8 T Cell Response through Two Distinct Mechanisms. <i>Journal of Immunology</i> , 2011, 187, 1184-1191.	0.4	44
86	Memory-like NK cells armed with a neopeptide-specific CAR exhibit potent activity against NPM1 mutated acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	44
87	Induction of Functional Human Macrophages from Bone Marrow Promonocytes by M-CSF in Humanized Mice. <i>Journal of Immunology</i> , 2013, 191, 3192-3199.	0.4	42
88	Attaching Zanamivir to a Polymer Markedly Enhances Its Activity Against Drug-resistant Strains of Influenza A Virus. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 831-835.	1.6	41
89	Promiscuous binding of extracellular peptides to cell surface class I MHC protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4580-4585.	3.3	41
90	Current Developments and Challenges of mRNA Vaccines. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 85-109.	5.7	39

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91	Loss of IL-7R and IL-15R Expression Is Associated with Disappearance of Memory T Cells in Respiratory Tract following Influenza Infection. <i>Journal of Immunology</i> , 2008, 180, 171-178.	0.4	38
92	Generation of normal lymphocyte populations by Rb-deficient embryonic stem cells. <i>Current Biology</i> , 1993, 3, 405-413.	1.8	37
93	A model T-cell receptor system for studying memory T-cell development. <i>Microbes and Infection</i> , 2003, 5, 233-240.	1.0	37
94	The T-Cell Receptor \hat{V}^2 Variable Gene Promoter Is Required for Efficient \hat{V}^2 Rearrangement but Not Allelic Exclusion. <i>Molecular and Cellular Biology</i> , 2004, 24, 7015-7023.	1.1	37
95	B cell development and immunoglobulin transcription in Oct-1-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2005-2010.	3.3	35
96	Characterisation of liver pathogenesis, human immune responses and drug testing in a humanised mouse model of HCV infection. <i>Gut</i> , 2016, 65, 1744-1753.	6.1	34
97	Block of T cell development in P53-deficient mice accelerates development of lymphomas with characteristic RAG-dependent cytogenetic alterations. <i>Cancer Cell</i> , 2006, 9, 109-120.	7.7	33
98	Differential Requirement for CD70 and CD80/CD86 in Dendritic Cell-Mediated Activation of Tumor-Tolerized CD8 T Cells. <i>Journal of Immunology</i> , 2012, 189, 1708-1716.	0.4	32
99	Molecular Analysis of Serum and Bronchoalveolar Lavage in a Mouse Model of Influenza Reveals Markers of Disease Severity That Can Be Clinically Useful in Humans. <i>PLoS ONE</i> , 2014, 9, e86912.	1.1	32
100	In Vitro Engineering Chimeric Antigen Receptor Macrophages and T Cells by Lipid Nanoparticle-Mediated mRNA Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 722-733.	2.6	32
101	Drug Delivery-mediated Control of RNA Immunostimulation. <i>Molecular Therapy</i> , 2009, 17, 1555-1562.	3.7	31
102	Bifunctional Polymeric Inhibitors of Human Influenza A Viruses. <i>Pharmaceutical Research</i> , 2010, 27, 259-263.	1.7	31
103	IL-2 Restores T-Cell Dysfunction Induced by Persistent Mycobacterium tuberculosis Antigen Stimulation. <i>Frontiers in Immunology</i> , 2019, 10, 2350.	2.2	31
104	Temporal release of a three-component protein subunit vaccine from polymer multilayers. <i>Journal of Controlled Release</i> , 2020, 317, 130-141.	4.8	30
105	Anti-SARS-CoV immunity induced by a novel CpG oligodeoxynucleotide. <i>Clinical Immunology</i> , 2006, 118, 180-187.	1.4	27
106	Deficiency of mannose-binding lectin greatly increases antibody response in a mouse model of vaccination. <i>Clinical Immunology</i> , 2009, 130, 264-271.	1.4	27
107	De Novo Generated Human Red Blood Cells in Humanized Mice Support Plasmodium falciparum Infection. <i>PLoS ONE</i> , 2015, 10, e0129825.	1.1	27
108	CD166pos Subpopulation From Differentiated Human ES and iPS Cells Support Repair of Acute Lung Injury. <i>Molecular Therapy</i> , 2012, 20, 2335-2346.	3.7	26

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109	SCARB2/LIMP-2 Regulates IFN Production of Plasmacytoid Dendritic Cells by Mediating Endosomal Translocation of TLR9 and Nuclear Translocation of IRF7. <i>Journal of Immunology</i> , 2015, 194, 4737-4749.	0.4	26
110	Vitamin D3-vitamin D receptor axis suppresses pulmonary emphysema by maintaining alveolar macrophage homeostasis and function. <i>EBioMedicine</i> , 2019, 45, 563-577.	2.7	26
111	LILRB3 (ILT5) is a myeloid cell checkpoint that elicits profound immunomodulation. <i>JCI Insight</i> , 2020, 5, .	2.3	26
112	Normal Isotype Switching in B Cells Lacking the 1/4 Exon Splice Donor Site: Evidence for Multiple 1/4-Like Germline Transcripts. <i>Journal of Immunology</i> , 2000, 164, 1451-1457.	0.4	25
113	Na ⁺ ve to memory T-cell differentiation during homeostasis-driven proliferation. <i>Microbes and Infection</i> , 2002, 4, 555-558.	1.0	25
114	Why do Some Immobilized N-Alkylated Polyethylenimines Far Surpass Others in Inactivating Influenza Viruses?. <i>Biomacromolecules</i> , 2015, 16, 351-356.	2.6	25
115	Antigen-bearing dendritic cells regulate the diverse pattern of memory CD8 T-cell development in different tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22587-22592.	3.3	23
116	Molecular Interfaces of the Galactose-binding Protein Tectonin Domains in Host-Pathogen Interaction. <i>Journal of Biological Chemistry</i> , 2010, 285, 9898-9907.	1.6	23
117	Cyclophosphamide Enhances Cancer Antibody Immunotherapy in the Resistant Bone Marrow Niche by Modulating Macrophage FcγR Expression. <i>Cancer Immunology Research</i> , 2019, 7, 1876-1890.	1.6	23
118	Multi-Stage Tuberculosis Subunit Vaccine Candidate LT69 Provides High Protection against <i>Mycobacterium tuberculosis</i> Infection in Mice. <i>PLoS ONE</i> , 2015, 10, e0130641.	1.1	23
119	Interferon-gamma negatively regulates Th17-mediated immunopathology during mouse hepatitis virus infection. <i>Journal of Molecular Medicine</i> , 2011, 89, 399-409.	1.7	22
120	Expression of Multiple Artificial MicroRNAs from a Chicken miRNA126-Based Lentiviral Vector. <i>PLoS ONE</i> , 2011, 6, e22437.	1.1	22
121	Current Development and Challenges of Tetravalent Live-Attenuated Dengue Vaccines. <i>Frontiers in Immunology</i> , 2022, 13, 840104.	2.2	22
122	Long-Term Reproducible Expression in Human Fetal Liver Hematopoietic Stem Cells with a UCOE-Based Lentiviral Vector. <i>PLoS ONE</i> , 2014, 9, e104805.	1.1	21
123	MFSD7C switches mitochondrial ATP synthesis to thermogenesis in response to heme. <i>Nature Communications</i> , 2020, 11, 4837.	5.8	21
124	Distinct Control of the Frequency and Allelic Exclusion of the Vβ2 Gene Rearrangement at the TCRβ Locus. <i>Journal of Immunology</i> , 2001, 167, 2121-2129.	0.4	20
125	Peptide targeting and imaging of damaged lung tissue in influenza-infected mice. <i>Future Microbiology</i> , 2013, 8, 257-269.	1.0	20
126	Interleukins 7 and 15 Maintain Human T Cell Proliferative Capacity through STAT5 Signaling. <i>PLoS ONE</i> , 2016, 11, e0166280.	1.1	19

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127	Cutting Edge: Delay and Reversal of T Cell Tolerance by Intratumoral Injection of Antigen-Loaded Dendritic Cells in an Autochthonous Tumor Model. <i>Journal of Immunology</i> , 2010, 184, 5954-5958.	0.4	18
128	Development of CD4+ T cells expressing a nominally MHC class I-restricted T cell receptor by two different mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1822-1827.	3.3	17
129	Targeting Epstein-Barr virus-transformed B lymphoblastoid cells using antibodies with T-cell receptor-like specificities. <i>Blood</i> , 2016, 128, 1396-1407.	0.6	17
130	A Novel Human Tectonin Protein with Multivalent $\hat{1}^2$ -Propeller Folds Interacts with Ficolin and Binds Bacterial LPS. <i>PLoS ONE</i> , 2009, 4, e6260.	1.1	17
131	Heparin inhibits EcoRI endonuclease cleavage of DNA at certain EcoRI sites. <i>Nucleic Acids Research</i> , 1990, 18, 3255-3255.	6.5	16
132	A Peptide That Antagonizes TCR-Mediated Reactions with Both Syngeneic and Allogeneic Agonists: Functional and Structural Aspects. <i>Journal of Immunology</i> , 2004, 172, 2994-3002.	0.4	16
133	The T cell receptor \hat{A} enhancer promotes access and pairing of D \hat{A} and J \hat{A} gene segments during V(D)J recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13465-13470.	3.3	15
134	Activation of Tolerogenic Dendritic Cells in the Tumor Draining Lymph Nodes by CD8+T Cells Engineered to Express CD40 Ligand. <i>Journal of Immunology</i> , 2010, 184, 3394-3400.	0.4	15
135	Persistent Antigen and Prolonged AKT-mTORC1 Activation Underlie Memory CD8 T Cell Impairment in the Absence of CD4 T Cells. <i>Journal of Immunology</i> , 2015, 195, 1591-1598.	0.4	15
136	Microfluidic label-free bioprocessing of human reticulocytes from erythroid culture. <i>Lab on A Chip</i> , 2020, 20, 3445-3460.	3.1	15
137	Analysis of Gene Function in Lymphocytes by RAG-2-Deficient Blastocyst Complementation. <i>Advances in Immunology</i> , 1996, 62, 31-59.	1.1	13
138	Rapid Estimation of Binding Activity of Influenza Virus Hemagglutinin to Human and Avian Receptors. <i>PLoS ONE</i> , 2011, 6, e18664.	1.1	13
139	Sequential immunization induces strong and broad immunity against all four dengue virus serotypes. <i>Npj Vaccines</i> , 2020, 5, 68.	2.9	13
140	Polycation-mediated delivery of siRNAs for prophylaxis and treatment of influenza virus infection. <i>Expert Opinion on Biological Therapy</i> , 2005, 5, 495-505.	1.4	12
141	Cotransplantation of Ex Vivo Expanded and Unexpanded Cord Blood Units in Immunodeficient Mice Using Insulin Growth Factor Binding Protein-2 Augmented Mesenchymal Cell Cocultures. <i>Biology of Blood and Marrow Transplantation</i> , 2012, 18, 674-682.	2.0	11
142	Zanamivir Conjugated to Poly-L-Glutamine is Much More Active Against Influenza Viruses in Mice and Ferrets Than the Drug Itself. <i>Pharmaceutical Research</i> , 2014, 31, 466-474.	1.7	11
143	Heparin alters the expression of different forms of immunoglobulin $\hat{1}/4$ heavy chains and their associated proteins by pre-B cell lines and normal Ly-1 (CD5+) B cells. <i>International Immunology</i> , 1991, 3, 1117-1127.	1.8	10
144	Recombination Activating Genes (RAG) in Lymphoma Development. <i>Cell Cycle</i> , 2006, 5, 913-916.	1.3	9

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145	Stage-dependent reactivity of thymocytes to self-peptide-MHC complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5038-5043.	3.3	8
146	Persistence of tumor-infiltrating CD8 T cells is tumor-dependent but antigen-independent. <i>Cellular and Molecular Immunology</i> , 2011, 8, 415-423.	4.8	8
147	Rapid activation of distinct members of multigene families in <i>Plasmodium</i> spp. <i>Communications Biology</i> , 2020, 3, 351.	2.0	8
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