

Janko Nikolich-Zugich

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

10,355
citations

36303

51
h-index

37204

96
g-index

149
all docs

149
docs citations

149
times ranked

15126
citing authors

#	ARTICLE	IF	CITATIONS
1	The twilight of immunity: emerging concepts in aging of the immune system. <i>Nature Immunology</i> , 2018, 19, 10-19.	14.5	708
2	The many important facets of T-cell repertoire diversity. <i>Nature Reviews Immunology</i> , 2004, 4, 123-132.	22.7	568
3	SARS-CoV-2 and COVID-19 in older adults: what we may expect regarding pathogenesis, immune responses, and outcomes. <i>GeroScience</i> , 2020, 42, 505-514.	4.6	404
4	Ageing and life-long maintenance of T-cell subsets in the face of latent persistent infections. <i>Nature Reviews Immunology</i> , 2008, 8, 512-522.	22.7	391
5	MIFlowCyt: The minimum information about a flow cytometry experiment. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 926-930.	1.5	381
6	Direct Link Between mhc Polymorphism, T Cell Avidity, and Diversity in Immune Defense. <i>Science</i> , 2002, 298, 1797-1800.	12.6	304
7	Orthogonal SARS-CoV-2 Serological Assays Enable Surveillance of Low-Prevalence Communities and Reveal Durable Humoral Immunity. <i>Immunity</i> , 2020, 53, 925-933.e4.	14.3	301
8	Ageing and Cytomegalovirus Infection Differentially and Jointly Affect Distinct Circulating T Cell Subsets in Humans. <i>Journal of Immunology</i> , 2014, 192, 2143-2155.	0.8	297
9	IRF-3, IRF-5, and IRF-7 Coordinately Regulate the Type I IFN Response in Myeloid Dendritic Cells Downstream of MAVS Signaling. <i>PLoS Pathogens</i> , 2013, 9, e1003118.	4.7	270
10	Age-related CD8 T Cell Clonal Expansions Constrict CD8 T Cell Repertoire and Have the Potential to Impair Immune Defense. <i>Journal of Experimental Medicine</i> , 2004, 200, 1347-1358.	8.5	229
11	Ageing of the T Cell Compartment in Mice and Humans: From No Naive Expectations to Foggy Memories. <i>Journal of Immunology</i> , 2014, 193, 2622-2629.	0.8	223
12	Delay of T cell senescence by caloric restriction in aged long-lived nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19448-19453.	7.1	217
13	West Nile Virus Infection Activates the Unfolded Protein Response, Leading to CHOP Induction and Apoptosis. <i>Journal of Virology</i> , 2007, 81, 10849-10860.	3.4	197
14	Immune responses to two and three doses of the BNT162b2 mRNA vaccine in adults with solid tumors. <i>Nature Medicine</i> , 2021, 27, 2002-2011.	30.7	167
15	CMV and Immunosenescence: from basics to clinics. <i>Immunity and Ageing</i> , 2012, 9, 23.	4.2	158
16	Global analyses revealed age-related alterations in innate immune responses after stimulation of pathogen recognition receptors. <i>Ageing Cell</i> , 2015, 14, 421-432.	6.7	155
17	Human memory T cells with a naive phenotype accumulate with aging and respond to persistent viruses. <i>Nature Immunology</i> , 2016, 17, 966-975.	14.5	144
18	West Nile Virus-Specific CD4 T Cells Exhibit Direct Antiviral Cytokine Secretion and Cytotoxicity and Are Sufficient for Antiviral Protection. <i>Journal of Immunology</i> , 2008, 181, 8568-8575.	0.8	143

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19	Key role of T cell defects in age-related vulnerability to West Nile virus. <i>Journal of Experimental Medicine</i> , 2009, 206, 2735-2745.	8.5	139
20	Loss of Naive T Cells and Repertoire Constriction Predict Poor Response to Vaccination in Old Primates. <i>Journal of Immunology</i> , 2010, 184, 6739-6745.	0.8	130
21	West Nile Virus Entry Requires Cholesterol-Rich Membrane Microdomains and Is Independent of β 2 Integrin. <i>Journal of Virology</i> , 2008, 82, 5212-5219.	3.4	129
22	Dramatic increase in naive T cell turnover is linked to loss of naive T cells from old primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19960-19965.	7.1	126
23	Nonrandom attrition of the naive CD8 ⁺ T-cell pool with aging governed by T-cell receptor:pMHC interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13694-13699.	7.1	125
24	Transcriptome-wide characterization of human cytomegalovirus in natural infection and experimental latency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10586-E10595.	7.1	124
25	Cytomegalovirus Infection Impairs Immune Responses and Accentuates T-cell Pool Changes Observed in Mice with Aging. <i>PLoS Pathogens</i> , 2012, 8, e1002849.	4.7	121
26	Protective capacity and epitope specificity of CD8 ⁺ T cells responding to lethal West Nile virus infection. <i>European Journal of Immunology</i> , 2007, 37, 1855-1863.	2.9	120
27	Sex Differences in T-Lymphocyte Tissue Infiltration and Development of Angiotensin II Hypertension. <i>Hypertension</i> , 2014, 64, 384-390.	2.7	118
28	Human Monocyte Subsets Are Transcriptionally and Functionally Altered in Aging in Response to Pattern Recognition Receptor Agonists. <i>Journal of Immunology</i> , 2017, 199, 1405-1417.	0.8	118
29	Age-related changes in CD8 T cell homeostasis and immunity to infection. <i>Seminars in Immunology</i> , 2012, 24, 356-364.	5.6	110
30	Mice and flies and monkeys too: Caloric restriction rejuvenates the aging immune system of non-human primates. <i>Experimental Gerontology</i> , 2005, 40, 884-893.	2.8	106
31	T cell aging. <i>Journal of Experimental Medicine</i> , 2005, 201, 837-840.	8.5	97
32	Simian Varicella Virus Infection of Rhesus Macaques Recapitulates Essential Features of Varicella Zoster Virus Infection in Humans. <i>PLoS Pathogens</i> , 2009, 5, e1000657.	4.7	95
33	Two Separate Defects Affecting True Naive or Virtual Memory T Cell Precursors Combine To Reduce Naive T Cell Responses with Aging. <i>Journal of Immunology</i> , 2014, 192, 151-159.	0.8	85
34	Lifespan-extending caloric restriction or mTOR inhibition impair adaptive immunity of old mice by distinct mechanisms. <i>Aging Cell</i> , 2015, 14, 130-138.	6.7	84
35	Lifelong Persistent Viral Infection Alters the Naive T Cell Pool, Impairing CD8 T Cell Immunity in Late Life. <i>Journal of Immunology</i> , 2012, 189, 5356-5366.	0.8	79
36	Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. <i>Immunity</i> , 2020, 53, 1078-1094.e7.	14.3	76

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37	A critical role for the cytoplasmic tail of pT β in T lymphocyte development. <i>Nature Immunology</i> , 2002, 3, 483-488.	14.5	75
38	Age-Associated Increase of Low-Avidity Cytomegalovirus-Specific CD8 ⁺ T Cells That Re-Express CD45RA. <i>Journal of Immunology</i> , 2013, 190, 5363-5372.	0.8	75
39	Phenotypic and functional T-cell aging in rhesus macaques (<i>Macaca mulatta</i>): differential behavior of CD4 and CD8 subsets. <i>Blood</i> , 2003, 102, 3244-3251.	1.4	74
40	The Frailty Syndrome: Clinical measurements and basic underpinnings in humans and animals. <i>Experimental Gerontology</i> , 2014, 54, 6-13.	2.8	73
41	Antibody Responses to SARS-CoV-2: Let's Stick to Known Knowns. <i>Journal of Immunology</i> , 2020, 205, 2342-2350.	0.8	69
42	Evolution of the Antigen-Specific CD8 ⁺ TCR Repertoire across the Life Span: Evidence for Clonal Homogenization of the Old TCR Repertoire. <i>Journal of Immunology</i> , 2011, 186, 2056-2064.	0.8	68
43	Age-associated alterations in CD8 ⁺ dendritic cells impair CD8 T cell expansion in response to an intracellular bacterium. <i>Aging Cell</i> , 2012, 11, 968-977.	6.7	67
44	Cytomegalovirus-Specific T Cell Immunity Is Maintained in Immunosenescent Rhesus Macaques. <i>Journal of Immunology</i> , 2011, 187, 1722-1732.	0.8	61
45	Induction of the Cellular MicroRNA, Hs_154, by West Nile Virus Contributes to Virus-Mediated Apoptosis through Repression of Antiapoptotic Factors. <i>Journal of Virology</i> , 2012, 86, 5278-5287.	3.4	61
46	Development and Migration of Protective CD8 ⁺ T Cells into the Nervous System following Ocular Herpes Simplex Virus-1 Infection. <i>Journal of Immunology</i> , 2005, 174, 2919-2925.	0.8	58
47	Functional and Homeostatic Impact of Age-Related Changes in Lymph Node Stroma. <i>Frontiers in Immunology</i> , 2017, 8, 706.	4.8	58
48	Premature TCR β Expression and Signaling in Early Thymocytes Impair Thymocyte Expansion and Partially Block Their Development. <i>Journal of Immunology</i> , 2001, 166, 3184-3193.	0.8	57
49	Increased apoptosis, curtailed expansion and incomplete differentiation of CD8 ⁺ T cells combine to decrease clearance of <i>L. monocytogenes</i> in old mice. <i>European Journal of Immunology</i> , 2011, 41, 1352-1364.	2.9	57
50	West Nile Virus Capsid Degradation of Claudin Proteins Disrupts Epithelial Barrier Function. <i>Journal of Virology</i> , 2009, 83, 6125-6134.	3.4	55
51	Immune memory and aging: an infinite or finite resource?. <i>Current Opinion in Immunology</i> , 2010, 22, 535-540.	5.5	55
52	Lymph nodes as barriers to T cell rejuvenation in aging mice and nonhuman primates. <i>Aging Cell</i> , 2019, 18, e12865.	6.7	54
53	Optimal window of caloric restriction onset limits its beneficial impact on T cell senescence in primates. <i>Aging Cell</i> , 2008, 7, 908-919.	6.7	53
54	Lifelong CMV infection improves immune defense in old mice by broadening the mobilized TCR repertoire against third-party infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6817-E6825.	7.1	52

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55	Impact of CMV upon immune aging: facts and fiction. <i>Medical Microbiology and Immunology</i> , 2019, 208, 263-269.	4.8	52
56	Varicella Zosterâ€“Specific CD4+Foxp3+ T Cells Accumulate after Cutaneous Antigen Challenge in Humans. <i>Journal of Immunology</i> , 2013, 190, 977-986.	0.8	50
57	Immune responses in the skin in old age. <i>Current Opinion in Immunology</i> , 2011, 23, 525-531.	5.5	49
58	Molecular, Cellular, and Antigen Requirements for Development of Age-Associated T Cell Clonal Expansions In Vivo. <i>Journal of Immunology</i> , 2006, 176, 301-308.	0.8	48
59	Dysregulated TGF-Î² Production Underlies the Age-Related Vulnerability to Chikungunya Virus. <i>PLoS Pathogens</i> , 2016, 12, e1005891.	4.7	48
60	The role of mhc polymorphism in anti-microbial resistance. <i>Microbes and Infection</i> , 2004, 6, 501-512.	1.9	46
61	The Contribution of Cytomegalovirus Infection to Immune Senescence Is Set by the Infectious Dose. <i>Frontiers in Immunology</i> , 2018, 8, 1953.	4.8	46
62	Effect of IL-7 Therapy on Naive and Memory T Cell Homeostasis in Aged Rhesus Macaques. <i>Journal of Immunology</i> , 2015, 195, 4292-4305.	0.8	45
63	Age-Related CD8+ T Cell Clonal Expansions Express Elevated Levels of CD122 and CD127 and Display Defects in Perceiving Homeostatic Signals. <i>Journal of Immunology</i> , 2006, 177, 2784-2792.	0.8	44
64	Inflation and Long-Term Maintenance of CD8 T Cells Responding to a Latent Herpesvirus Depend upon Establishment of Latency and Presence of Viral Antigens. <i>Journal of Immunology</i> , 2009, 183, 8077-8087.	0.8	43
65	Naïve and memory CD8 T cell pool homeostasis in advanced aging: impact of age and of antigen-specific responses to cytomegalovirus. <i>Age</i> , 2014, 36, 625-640.	3.0	40
66	Cytomegalovirus (CMV) research in immune senescence comes of age: overview of the 6th International Workshop on CMV and Immunosenescence. <i>GeroScience</i> , 2017, 39, 245-249.	4.6	40
67	Age-Related Dysregulation of CD8+ T Cell Memory Specific for a Persistent Virus Is Independent of Viral Replication. <i>Journal of Immunology</i> , 2008, 180, 4848-4857.	0.8	39
68	Translational research in immune senescence: Assessing the relevance of current models. <i>Seminars in Immunology</i> , 2012, 24, 373-382.	5.6	39
69	Known unknowns: how might the persistent herpesvirome shape immunity and aging?. <i>Current Opinion in Immunology</i> , 2017, 48, 23-30.	5.5	39
70	Frailty as a prognostic factor for the critically ill older adult trauma patients. <i>American Journal of Surgery</i> , 2019, 218, 484-489.	1.8	39
71	Functional CD8 T Cell Memory Responding to Persistent Latent Infection Is Maintained for Life. <i>Journal of Immunology</i> , 2011, 187, 3759-3768.	0.8	38
72	Repeated In Vivo Stimulation of T and B Cell Responses in Old Mice Generates Protective Immunity against Lethal West Nile Virus Encephalitis. <i>Journal of Immunology</i> , 2011, 186, 3882-3891.	0.8	37

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73	Report from the second cytomegalovirus and immunosenescence workshop. <i>Immunity and Ageing</i> , 2011, 8, 10.	4.2	35
74	COVID-19 Infection, Reinfection, and Vaccine Effectiveness in Arizona Frontline and Essential Workers: Protocol for a Longitudinal Cohort Study. <i>JMIR Research Protocols</i> , 2021, 10, e28925.	1.0	33
75	Intrinsic and extrinsic contributors to defective CD8+ T cell responses with aging. <i>Experimental Gerontology</i> , 2018, 105, 140-145.	2.8	32
76	Immune Protection against Virus Challenge in Aging Mice Is Not Affected by Latent Herpesviral Infections. <i>Journal of Virology</i> , 2015, 89, 11715-11717.	3.4	31
77	Age-Related Differences in T-Cell Subsets in a Nationally Representative Sample of People Older Than Age 55: Findings From the Health and Retirement Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 927-933.	3.6	31
78	Defects in Antiviral T Cell Responses Inflicted by Aging-Associated miR-181a Deficiency. <i>Cell Reports</i> , 2019, 29, 2202-2216.e5.	6.4	30
79	Immune MemoryâBoosting Dose of Rapamycin Impairs Macrophage Vesicle Acidification and Curtails Glycolysis in Effector CD8 Cells, Impairing Defense against Acute Infections. <i>Journal of Immunology</i> , 2014, 193, 757-763.	0.8	29
80	Calorie restriction induces reversible lymphopenia and lymphoid organ atrophy due to cell redistribution. <i>GeroScience</i> , 2018, 40, 279-291.	4.6	29
81	Advances in cytomegalovirus (CMV) biology and its relationship to health, diseases, and aging. <i>GeroScience</i> , 2020, 42, 495-504.	4.6	29
82	Acute Neonatal Infections âLock-Inâ a Suboptimal CD8+ T Cell Repertoire with Impaired Recall Responses. <i>PLoS Pathogens</i> , 2013, 9, e1003572.	4.7	27
83	Histone Deacetylation Critically Determines T Cell Subset Radiosensitivity. <i>Journal of Immunology</i> , 2014, 193, 1451-1458.	0.8	27
84	The acute inflammatory response after trauma is heightened by frailty: A prospective evaluation of inflammatory and endocrine system alterations in frailty. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 54-60.	2.1	26
85	Smartphone-based sensitive detection of SARS-CoV-2 from saline gargle samples via flow profile analysis on a paper microfluidic chip. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114192.	10.1	26
86	Effective Control of Chronic γ -Herpesvirus Infection by Unconventional MHC Class IaâIndependent CD8 T Cells. <i>PLoS Pathogens</i> , 2006, 2, e37.	4.7	24
87	Role of Cell-Intrinsic and Environmental Age-Related Changes in Altered Maintenance of Murine T Cells in Lymphoid Organs. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1018-1026.	3.6	24
88	Prospective evaluation of frailty and functional independence in older adult trauma patients. <i>American Journal of Surgery</i> , 2018, 216, 1070-1075.	1.8	24
89	Increased Efficiency of Phorbol Ester-Induced Lytic Reactivation of Kaposi's Sarcoma-Associated Herpesvirus during S Phase. <i>Journal of Virology</i> , 2005, 79, 2626-2630.	3.4	23
90	Key Research Opportunities in Immune System Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 183-186.	3.6	23

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91	Direct capture and smartphone quantification of airborne SARS-CoV-2 on a paper microfluidic chip. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113912.	10.1	23
92	An interlaboratory comparison of dosimetry for a multi-institutional radiobiological research project: Observations, problems, solutions and lessons learned. <i>International Journal of Radiation Biology</i> , 2016, 92, 59-70.	1.8	22
93	Cooperation between p27 and p107 during Endochondral Ossification Suggests a Genetic Pathway Controlled by p27 and p130. <i>Molecular and Cellular Biology</i> , 2007, 27, 5161-5171.	2.3	21
94	Diversity of the CD8+ T Cell Repertoire Elicited against an Immunodominant Epitope Does Not Depend on the Context of Infection. <i>Journal of Immunology</i> , 2010, 184, 2958-2965.	0.8	20
95	Non-human primate models of T-cell reconstitution. <i>Seminars in Immunology</i> , 2007, 19, 310-317.	5.6	19
96	The aging immune system: Challenges for the 21st century. <i>Seminars in Immunology</i> , 2012, 24, 301-302.	5.6	19
97	Immune Response to the West Nile Virus in Aged Non-Human Primates. <i>PLoS ONE</i> , 2010, 5, e15514.	2.5	19
98	Dysregulated Expression of Pre-T β Reveals the Opposite Effects of Pre-TCR at Successive Stages of T Cell Development. <i>Journal of Immunology</i> , 2001, 167, 5689-5696.	0.8	18
99	Life-long control of cytomegalovirus (CMV) by T resident memory cells in the adipose tissue results in inflammation and hyperglycemia. <i>PLoS Pathogens</i> , 2019, 15, e1007890.	4.7	18
100	Structural Basis for the Restoration of TCR Recognition of an MHC Allelic Variant by Peptide Secondary Anchor Substitution. <i>Journal of Experimental Medicine</i> , 2004, 200, 1445-1454.	8.5	17
101	Cutting Edge: TLR Ligands Increase TCR Triggering by Slowing Peptide-MHC Class I Decay Rates. <i>Journal of Immunology</i> , 2008, 181, 5199-5203.	0.8	15
102	Infection-induced type I interferons critically modulate the homeostasis and function of CD8+ naïve T cells. <i>Nature Communications</i> , 2021, 12, 5303.	12.8	15
103	Lost in translation: mice, men and cutaneous immunity in old age. <i>Biogerontology</i> , 2015, 16, 203-208.	3.9	14
104	IL-6 can singlehandedly drive many features of frailty in mice. <i>GeroScience</i> , 2021, 43, 539-549.	4.6	13
105	Immune response to COVID-19 in older adults. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 1082-1089.	0.6	13
106	Cutting Edge: The Aging Immune System Reveals the Biological Impact of Direct Antigen Presentation on CD8 T Cell Responses. <i>Journal of Immunology</i> , 2017, 199, 403-407.	0.8	12
107	Changes of T Cell Receptor (TCR) β Repertoire in the Face of Aging and Persistent Infections. , 2018, , 1-24.		12
108	Competent immune responses to SARS-CoV-2 variants in older adults following two doses of mRNA vaccination. <i>Nature Communications</i> , 2022, 13, .	12.8	12

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109	Defective Transcriptional Programming of Effector CD8 T Cells in Aged Mice Is Cell-Extrinsic and Can Be Corrected by Administration of IL-12 and IL-18. <i>Frontiers in Immunology</i> , 2019, 10, 2206.	4.8	11
110	Functional Evidence That Conserved TCR CDR β 3 Loop Docking Governs the Cross-Recognition of Closely Related Peptide:Class I Complexes. <i>Journal of Immunology</i> , 2001, 167, 836-843.	0.8	10
111	Sultam Thiourea Inhibition of West Nile Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2642-2645.	3.2	10
112	Acute systemic DNA damage in youth does not impair immune defense with aging. <i>Aging Cell</i> , 2016, 15, 686-693.	6.7	10
113	Cutting Edge: T Cell Responses to B.1.1.529 (Omicron) SARS-CoV-2 Variant Induced by COVID-19 Infection and/or mRNA Vaccination Are Largely Preserved. <i>Journal of Immunology</i> , 2022, 208, 2461-2465.	0.8	10
114	Contrasting effects of chronic, systemic treatment with mTOR inhibitors rapamycin and metformin on adult neural progenitors in mice. <i>Age</i> , 2014, 36, 199-212.	3.0	8
115	Immunity to acute virus infections with advanced age. <i>Current Opinion in Virology</i> , 2021, 46, 45-58.	5.4	8
116	Impact of early life exposure to ionizing radiation on influenza vaccine response in an elderly Japanese cohort. <i>Vaccine</i> , 2018, 36, 6650-6659.	3.8	7
117	Early age-related atrophy of cutaneous lymph nodes precipitates an early functional decline in skin immunity in mice with aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121028119.	7.1	7
118	High specificity, not degeneracy, allows T cell alloresponses. <i>Nature Immunology</i> , 2007, 8, 335-337.	14.5	6
119	Quantitative restoration of immune defense in old animals determined by naive antigen-specific CD8 T cell numbers. <i>Aging Cell</i> , 2022, 21, e13582.	6.7	6
120	Aging alters antiviral signaling pathways resulting in functional impairment in innate immunity in response to pattern recognition receptor agonists. <i>GeroScience</i> , 2022, 44, 2555-2572.	4.6	5
121	Cytomegalovirus and Your Health: Not a Matter of the Heart, Nor of Life and Death. <i>Journal of Infectious Diseases</i> , 2021, 223, 181-183.	4.0	4
122	Age-associated T-cell Clonal Expansions (TCE) in vivo—Implications for Pathogen Resistance. , 2009, , 219-233.		4
123	Aging of the Immune System Across Different Species. , 2010, , 353-376.		4
124	Do cytomegalovirus-specific memory T cells interfere with new immune responses in lymphoid tissues?. <i>GeroScience</i> , 2019, 41, 155-163.	4.6	2
125	The Global Thymus Network: past, present and future. <i>Trends in Immunology</i> , 2009, 30, 191-192.	6.8	1
126	A disconnect between precursor frequency, expansion potential, and site-specific CD4+ T cell responses in aged mice. <i>PLoS ONE</i> , 2018, 13, e0198354.	2.5	1

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127	The role of cytomegalovirus in organismal and immune aging. , 2021, , 319-328.		1
128	Correction: Loss of Naive T Cells and Repertoire Constriction Predict Poor Response to Vaccination in Old Primates. Journal of Immunology, 2010, 185, 4509-4509.	0.8	0
129	Charles D. Surh 1961â€“2017. Nature Immunology, 2017, 18, 1273-1273.	14.5	0
130	Changes of T Cell Receptor (TCR) Î±Î² Repertoire in the Face of Aging and Persistent Infections. , 2019, , 425-448.		0
131	Growing Old and Immunity to Viruses. , 0, , 403-411.		0
132	Age-Related Changes in the Murine Immune System. , 2019, , 1-10.		0
133	Age-Related Changes in the Murine Immune System. , 2021, , 195-204.		0
134	Lifelong cytomegalovirus and earlyâ€“LIFE irradiation synergistically potentiate ageâ€“related defects in response to vaccination and infection. Aging Cell, 2022, 21, .	6.7	0