

# Nan-Ping Weng

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

4,897  
citations

126907

33  
h-index

168389

53  
g-index

59  
all docs

59  
docs citations

59  
times ranked

7307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of the effectiveness of SARS-CoV-2 vaccines in older adults in "real-world" settings. <i>Immunity and Ageing</i> , 2021, 18, 36.	4.2	6
2	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. <i>Immunity</i> , 2021, 54, 2465-2480.e5.	14.3	31
3	Sex differences in the association between antinuclear antibody positivity with diabetes and multimorbidity in older adults: Results from the Baltimore Longitudinal Study of Aging. <i>Experimental Gerontology</i> , 2020, 135, 110906.	2.8	8
4	TCR Repertoires of Thymic Conventional and Regulatory T Cells: Identification and Characterization of Both Unique and Shared TCR Sequences. <i>Journal of Immunology</i> , 2020, 204, 858-867.	0.8	2
5	Can an effective SARS-CoV-2 vaccine be developed for the older population?. <i>Immunity and Ageing</i> , 2020, 17, 8.	4.2	43
6	Lipid Microbubble-Conjugated Anti-CD3 and Anti-CD28 Antibodies (Microbubble-Based Human T Cell) Tj ETQq0 0 0 rgBT /Overlock 10 2020, 4, 475-484.	1.8	4
7	Cellular aging over 13 years associated with incident antinuclear antibody positivity in the Baltimore Longitudinal Study of Aging. <i>Journal of Autoimmunity</i> , 2019, 105, 102295.	6.5	6
8	Expression and regulation of telomerase in human T cell differentiation, activation, aging and diseases. <i>Cellular Immunology</i> , 2019, 345, 103989.	3.0	33
9	Human T Cell Differentiation Negatively Regulates Telomerase Expression Resulting in Reduced Activation-Induced Proliferation and Survival. <i>Frontiers in Immunology</i> , 2019, 10, 1993.	4.8	27
10	Interpersonal-level discrimination indices, sociodemographic factors, and telomere length in African-Americans and Whites. <i>Biological Psychology</i> , 2019, 141, 1-9.	2.2	23
11	Research on immunity and ageing comes of age. <i>Immunity and Ageing</i> , 2019, 16, 8.	4.2	2
12	Molecular constraints on CDR3 for thymic selection of MHC-restricted TCRs from a random pre-selection repertoire. <i>Nature Communications</i> , 2019, 10, 1019.	12.8	72
13	Generation and Gene Expression of CD28 <sup>hi</sup> CD8 T Cells in Human. , 2019, , 553-571.		0
14	MicroRNA-125b Modulates Inflammatory Chemokine CCL4 Expression and Its Reduction May Cause CCL4 Increase in Circulation with Age. , 2019, , 1225-1239.		0
15	MicroRNA-125b Modulates Inflammatory Chemokine CCL4 Expression and Its Reduction May Cause CCL4 Increase in Circulation with Age. , 2018, , 1-15.		0
16	Ezh2 Regulates Activation-Induced CD8 <sup>+</sup> T Cell Cycle Progression via Repressing Cdkn2a and Cdkn1c Expression. <i>Frontiers in Immunology</i> , 2018, 9, 549.	4.8	42
17	Multiple forms of discrimination, social status, and telomere length: Interactions within race. <i>Psychoneuroendocrinology</i> , 2018, 98, 119-126.	2.7	31
18	Generation and Gene Expression of CD28 <sup>hi</sup> CD8 T Cells in Human. , 2018, , 1-19.		0

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19	Sequence and Structural Analyses Reveal Distinct and Highly Diverse Human CD8 + TCR Repertoires to Immunodominant Viral Antigens. <i>Cell Reports</i> , 2017, 19, 569-583.	6.4	134
20	Structural basis for clonal diversity of the human T-cell response to a dominant influenza virus epitope. <i>Journal of Biological Chemistry</i> , 2017, 292, 18618-18627.	3.4	33
21	Telomere Shortening, Inflammatory Cytokines, and Anti-Cytomegalovirus Antibody Follow Distinct Age-Associated Trajectories in Humans. <i>Frontiers in Immunology</i> , 2017, 8, 1027.	4.8	48
22	Relationship between spontaneous $\gamma$ H2AX foci formation and progenitor functions in circulating hematopoietic stem and progenitor cells among atomic-bomb survivors. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 802, 59-65.	1.7	3
23	Changes in blood lymphocyte numbers with age in vivo and their association with the levels of cytokines/cytokine receptors. <i>Immunity and Ageing</i> , 2016, 13, 24.	4.2	75
24	TCR $\beta$ repertoire of CD4+ and CD8+ T cells is distinct in richness, distribution, and CDR3 amino acid composition. <i>Journal of Leukocyte Biology</i> , 2016, 99, 505-513.	3.3	50
25	Long term effects of radiation exposure on telomere lengths of leukocytes and its associated biomarkers among atomic-bomb survivors. <i>Oncotarget</i> , 2016, 7, 38988-38998.	1.8	25
26	Norepinephrine preferentially modulates memory CD8 T cell function inducing inflammatory cytokine production and reducing proliferation in response to activation. <i>Brain, Behavior, and Immunity</i> , 2015, 46, 168-179.	4.1	112
27	Age-associated telomere attrition of lymphocytes <i>in vivo</i> is co-ordinated with changes in telomerase activity, composition of lymphocyte subsets and health conditions. <i>Clinical Science</i> , 2015, 128, 367-377.	4.3	110
28	Telomere Length as an Indicator of the Robustness of B- and T-Cell Response to Influenza in Older Adults. <i>Journal of Infectious Diseases</i> , 2015, 212, 1261-1269.	4.0	69
29	MicroRNA-125b modulates inflammatory chemokine CCL4 expression in immune cells and its reduction causes CCL4 increase with age. <i>Aging Cell</i> , 2015, 14, 200-208.	6.7	45
30	Structural Basis for Clonal Diversity of the Public T Cell Response to a Dominant Human Cytomegalovirus Epitope. <i>Journal of Biological Chemistry</i> , 2015, 290, 29106-29119.	3.4	41
31	T Cell Aging: A Review of the Transcriptional Changes Determined from Genome-Wide Analysis. <i>Frontiers in Immunology</i> , 2013, 4, 121.	4.8	50
32	Homeostasis of lymphocytes and monocytes in frequent blood donors. <i>Frontiers in Immunology</i> , 2012, 3, 271.	4.8	10
33	Telomeres and immune competency. <i>Current Opinion in Immunology</i> , 2012, 24, 470-475.	5.5	62
34	The molecular basis of the memory T cell response: differential gene expression and its epigenetic regulation. <i>Nature Reviews Immunology</i> , 2012, 12, 306-315.	22.7	274
35	Genome-wide Analysis of Histone Methylation Reveals Chromatin State-Based Regulation of Gene Transcription and Function of Memory CD8+ T Cells. <i>Immunity</i> , 2009, 30, 912-925.	14.3	256
36	CD28 $\beta$ T cells: their role in the age-associated decline of immune function. <i>Trends in Immunology</i> , 2009, 30, 306-312.	6.8	514

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37	IL-21 preferentially enhances IL-15-mediated homeostatic proliferation of human CD28+ CD8 memory T cells throughout the adult age span. <i>Journal of Leukocyte Biology</i> , 2009, 87, 43-49.	3.3	32
38	Generation and Gene Expression of CD28-CD8 T-cells in Human. , 2009, , 327-341.		1
39	Telomere and adaptive immunity. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 60-66.	4.6	82
40	Telomerase Is Involved in IL-7-Mediated Differential Survival of Naive and Memory CD4+ T Cells. <i>Journal of Immunology</i> , 2008, 180, 3775-3781.	0.8	25
41	Histone Acetylation Facilitates Rapid and Robust Memory CD8 T Cell Response through Differential Expression of Effector Molecules (Eomesodermin and Its Targets: Perforin and Granzyme B). <i>Journal of Immunology</i> , 2008, 180, 8102-8108.	0.8	151
42	Accelerated Telomere Erosion Is Associated with a Declining Immune Function of Caregivers of Alzheimer's Disease Patients. <i>Journal of Immunology</i> , 2007, 179, 4249-4254.	0.8	368
43	Gene expression and generation of CD28 <sup>hi</sup> CD8 T cells mediated by interleukin 15. <i>Experimental Gerontology</i> , 2007, 42, 412-415.	2.8	29
44	Ageing of the Immune System: How Much Can the Adaptive Immune System Adapt?. <i>Immunity</i> , 2006, 24, 495-499.	14.3	416
45	Histone acetylation is associated with differential gene expression in the rapid and robust memory CD8+ T-cell response. <i>Blood</i> , 2006, 108, 3363-3370.	1.4	60
46	Generation and Growth of CD28 <sup>null</sup> CD8+ Memory T Cells Mediated by IL-15 and Its Induced Cytokines. <i>Journal of Immunology</i> , 2006, 177, 7802-7810.	0.8	102
47	Gene expression characteristics of CD28 <sup>null</sup> memory phenotype CD8+ T cells and its implication in T-cell aging. <i>Immunological Reviews</i> , 2005, 205, 190-206.	6.0	80
48	IL-15 Activates Telomerase and Minimizes Telomere Loss and May Preserve the Replicative Life Span of Memory CD8+ T Cells In Vitro. <i>Journal of Immunology</i> , 2005, 174, 4019-4024.	0.8	65
49	Stable telomere length and telomerase expression from naïve to memory B-lymphocyte differentiation. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 427-432.	4.6	35
50	Regulation of telomerase expression in human lymphocytes. <i>Seminars in Immunopathology</i> , 2002, 24, 23-33.	4.0	32
51	Telomeres in T and B cells. <i>Nature Reviews Immunology</i> , 2002, 2, 699-706.	22.7	280
52	IL-15 Is a Growth Factor and an Activator of CD8 Memory T Cells. <i>Annals of the New York Academy of Sciences</i> , 2002, 975, 46-56.	3.8	79
53	Identification of Maze Learning-Associated Genes in Rat Hippocampus by cDNA Microarray. <i>Journal of Molecular Neuroscience</i> , 2001, 17, 397-404.	2.3	28
54	Augmentation in Expression of Activation-Induced Genes Differentiates Memory from Naive CD4+ T Cells and Is a Molecular Mechanism for Enhanced Cellular Response of Memory CD4+ T Cells. <i>Journal of Immunology</i> , 2001, 166, 7335-7344.	0.8	56

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55	Cutting Edge: Telomerase Activation in Human T Lymphocytes Does Not Require Increase in Telomerase Reverse Transcriptase (hTERT) Protein But Is Associated with hTERT Phosphorylation and Nuclear Translocation. <i>Journal of Immunology</i> , 2001, 166, 4826-4830.	0.8	213
56	Lineage-Specific Telomere Shortening and Unaltered Capacity for Telomerase Expression in Human T and B Lymphocytes with Age. <i>Journal of Immunology</i> , 2000, 165, 1191-1196.	0.8	180
57	Regulation of Telomere Length and Telomerase in T and B Cells. <i>Immunity</i> , 1998, 9, 151-157.	14.3	155
58	Tales of tails: regulation of telomere length and telomerase activity during lymphocyte development, differentiation, activation, and aging. <i>Immunological Reviews</i> , 1997, 160, 43-54.	6.0	187