

# Graham P Pawelec

## List of Publications by Year in descending order

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Version: 2024-02-01

482  
papers

28,573  
citations

3525

90  
h-index

7736

150  
g-index

603  
all docs

603  
docs citations

603  
times ranked

29371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. <i>Seminars in Cancer Biology</i> , 2015, 35, S185-S198.	4.3	1,122
2	Multipeptide immune response to cancer vaccine IMA901 after single-dose cyclophosphamide associates with longer patient survival. <i>Nature Medicine</i> , 2012, 18, 1254-1261.	15.2	721
3	Cancer classification using the Immunoscore: a worldwide task force. <i>Journal of Translational Medicine</i> , 2012, 10, 205.	1.8	676
4	Aging in COVID-19: Vulnerability, immunity and intervention. <i>Ageing Research Reviews</i> , 2021, 65, 101205.	5.0	601
5	Aging, frailty and age-related diseases. <i>Biogerontology</i> , 2010, 11, 547-563.	2.0	489
6	Extrathymic T-cell differentiation in vitro. <i>Nature Reviews Immunology</i> , 2004, 4, 1-2.	10.6	481
7	Baseline Peripheral Blood Biomarkers Associated with Clinical Outcome of Advanced Melanoma Patients Treated with Ipilimumab. <i>Clinical Cancer Research</i> , 2016, 22, 2908-2918.	3.2	459
8	Epigenetic and immune function profiles associated with posttraumatic stress disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9470-9475.	3.3	452
9	Longitudinal Studies of Clonally Expanded CD8 T Cells Reveal a Repertoire Shrinkage Predicting Mortality and an Increased Number of Dysfunctional Cytomegalovirus-Specific T Cells in the Very Elderly. <i>Journal of Immunology</i> , 2006, 176, 2645-2653.	0.4	447
10	Human immunosenescence: is it infectious?. <i>Immunological Reviews</i> , 2005, 205, 257-268.	2.8	369
11	T cells and aging january 2002 update. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1056-1183.	3.0	347
12	An Immune Risk Phenotype, Cognitive Impairment, and Survival in Very Late Life: Impact of Allostatic Load in Swedish Octogenarian and Nonagenarian Humans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 556-565.	1.7	346
13	Age and immunity: What is "immunosenescence"? <i>Experimental Gerontology</i> , 2018, 105, 4-9.	1.2	337
14	Replicative senescence of T cells: does the Hayflick Limit lead to immune exhaustion?. <i>Trends in Immunology</i> , 1997, 18, 450-454.	7.5	336
15	Inflammation, ageing and chronic disease. <i>Current Opinion in Immunology</i> , 2014, 29, 23-28.	2.4	333
16	Seropositivity to Cytomegalovirus, Inflammation, All-Cause and Cardiovascular Disease-Related Mortality in the United States. <i>PLoS ONE</i> , 2011, 6, e16103.	1.1	321
17	Human T Cell Aging and the Impact of Persistent Viral Infections. <i>Frontiers in Immunology</i> , 2013, 4, 271.	2.2	315
18	Direct Injection of Protamine-protected mRNA: Results of a Phase 1/2 Vaccination Trial in Metastatic Melanoma Patients. <i>Journal of Immunotherapy</i> , 2009, 32, 498-507.	1.2	301

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19	Cytomegalovirus and human immunosenescence. <i>Reviews in Medical Virology</i> , 2009, 19, 47-56.	3.9	297
20	Relationships Between Immune Landscapes, Genetic Subtypes and Responses to Immunotherapy in Colorectal Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 369.	2.2	291
21	Aging and Innate Immunity. <i>Immunity</i> , 2006, 24, 491-494.	6.6	281
22	Multiparameter flow cytometric analysis of CD4 and CD8 T cell subsets in young and old people. <i>Immunity and Ageing</i> , 2008, 5, 6.	1.8	275
23	Aging of the Immune System as a Prognostic Factor for Human Longevity. <i>Physiology</i> , 2008, 23, 64-74.	1.6	273
24	Is immunosenescence infectious?. <i>Trends in Immunology</i> , 2004, 25, 406-410.	2.9	247
25	The immune risk phenotype is associated with IL-6 in the terminal decline stage: Findings from the Swedish NONA immune longitudinal study of very late life functioning. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 695-704.	2.2	239
26	Immunosenescence and vaccine failure in the elderly. <i>Aging Clinical and Experimental Research</i> , 2009, 21, 201-209.	1.4	234
27	Large numbers of dysfunctional CD8+ T lymphocytes bearing receptors for a single dominant CMV epitope in the very old. <i>Journal of Clinical Immunology</i> , 2003, 23, 247-257.	2.0	222
28	Myeloid-Derived Suppressor Cells Predict Survival of Patients with Advanced Melanoma: Comparison with Regulatory T Cells and NY-ESO-1- or Melan-A-specific T Cells. <i>Clinical Cancer Research</i> , 2014, 20, 1601-1609.	3.2	222
29	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	4.3	220
30	Cytomegalovirus Infection. <i>Annals of the New York Academy of Sciences</i> , 2007, 1114, 23-35.	1.8	214
31	Cohort Profile: The Berlin Aging Study II (BASE-II). <i>International Journal of Epidemiology</i> , 2014, 43, 703-712.	0.9	213
32	Age-associated accumulation of CMV-specific CD8+ T cells expressing the inhibitory killer cell lectin-like receptor G1 (KLRG1). <i>Experimental Gerontology</i> , 2003, 38, 911-920.	1.2	210
33	Biomarkers of human immunosenescence: impact of Cytomegalovirus infection. <i>Current Opinion in Immunology</i> , 2009, 21, 440-445.	2.4	206
34	The unmet need in the elderly: How immunosenescence, CMV infection, co-morbidities and frailty are a challenge for the development of more effective influenza vaccines. <i>Vaccine</i> , 2012, 30, 2060-2067.	1.7	201
35	Hallmarks of human immunosenescence: adaptation or dysregulation?. <i>Immunity and Ageing</i> , 2012, 9, 15.	1.8	193
36	Contribution of neuroinflammation and immunity to brain aging and the mitigating effects of physical and cognitive interventions. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 114-128.	2.9	193

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37	Role of CMV in immune senescence. <i>Virus Research</i> , 2011, 157, 175-179.	1.1	185
38	No Immune Risk Profile among individuals who reach 100 years of age: Findings from the Swedish NONA immune longitudinal study. <i>Experimental Gerontology</i> , 2007, 42, 753-761.	1.2	184
39	Dramatic Shifts in Circulating CD4 but not CD8 T Cell Subsets in Mild Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 91-103.	1.2	173
40	Determination of cytokines in synovial fluids: correlation with diagnosis and histomorphological characteristics of synovial tissue.. <i>Annals of the Rheumatic Diseases</i> , 1992, 51, 731-734.	0.5	166
41	Dysfunctional CMV-specific CD8+ T cells accumulate in the elderly. <i>Experimental Gerontology</i> , 2004, 39, 607-613.	1.2	166
42	Infection with cytomegalovirus but not herpes simplex virus induces the accumulation of late-differentiated CD4+ and CD8+ T-cells in humans. <i>Journal of General Virology</i> , 2011, 92, 2746-2756.	1.3	162
43	CMV and Immunosenescence: from basics to clinics. <i>Immunity and Ageing</i> , 2012, 9, 23.	1.8	158
44	Can an Infection Hypothesis Explain the Beta Amyloid Hypothesis of Alzheimer's Disease?. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 224.	1.7	155
45	The Immune System and Its Dysregulation with Aging. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 21-43.	1.0	155
46	Senescence of the Human Immune System. <i>Journal of Comparative Pathology</i> , 2010, 142, S39-S44.	0.1	153
47	Immunosenescence: Role of cytomegalovirus. <i>Experimental Gerontology</i> , 2014, 54, 1-5.	1.2	151
48	Sweet's syndrome associated with myelodysplasia: possible role of cytokines in the pathogenesis of the disease. <i>British Journal of Haematology</i> , 1993, 84, 356-358.	1.2	147
49	Hallmark Features of Immunosenescence Are Absent in Familial Longevity. <i>Journal of Immunology</i> , 2010, 185, 4618-4624.	0.4	147
50	Increases in Absolute Lymphocytes and Circulating CD4+ and CD8+ T Cells Are Associated with Positive Clinical Outcome of Melanoma Patients Treated with Ipilimumab. <i>Clinical Cancer Research</i> , 2016, 22, 4848-4858.	3.2	146
51	Defining the critical hurdles in cancer immunotherapy. <i>Journal of Translational Medicine</i> , 2011, 9, 214.	1.8	139
52	Impact of aging on innate immunity. <i>Journal of Leukocyte Biology</i> , 1998, 64, 703-712.	1.5	138
53	Immunological biomarkers of ageing in man: changes in both innate and adaptive immunity are associated with health and longevity. <i>Biogerontology</i> , 2006, 7, 471-481.	2.0	138
54	The CIMT-monitoring panel: a two-step approach to harmonize the enumeration of antigen-specific CD8+ T lymphocytes by structural and functional assays. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 289-302.	2.0	138

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55	Potential role of immunosenescence in cancer development. <i>Annals of the New York Academy of Sciences</i> , 2010, 1197, 158-165.	1.8	134
56	Immunity, ageing and cancer. <i>Immunity and Ageing</i> , 2008, 5, 11.	1.8	131
57	T Cell Assays and MIATA: The Essential Minimum for Maximum Impact. <i>Immunity</i> , 2012, 37, 1-2.	6.6	131
58	The impact of CMV infection on survival in older humans. <i>Current Opinion in Immunology</i> , 2012, 24, 507-511.	2.4	131
59	From inflamm-aging to immune-paralysis: a slippery slope during aging for immune-adaptation. <i>Biogerontology</i> , 2016, 17, 147-157.	2.0	128
60	CYCLOSPORIN A. <i>Transplantation</i> , 1979, 27, 55-58.	0.5	126
61	Immune profiling of Alzheimer patients. <i>Journal of Neuroimmunology</i> , 2012, 242, 52-59.	1.1	126
62	The Genetics of Human Longevity. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 252-263.	1.8	124
63	Altered T cell signalling in ageing. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1613-1637.	2.2	123
64	Immunity and ageing in man. <i>Experimental Gerontology</i> , 2006, 41, 1239-1242.	1.2	123
65	Human cytomegalovirus infection and T cell immunosenescence: A mini review. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 538-543.	2.2	121
66	High response rate after intratumoral treatment with interleukin-2. <i>Cancer</i> , 2010, 116, 4139-4146.	2.0	120
67	Immunosenescence and cancer. <i>Biogerontology</i> , 2017, 18, 717-721.	2.0	120
68	Cytomegalovirus-associated accumulation of late-differentiated CD4 T-cells correlates with poor humoral response to influenza vaccination. <i>Vaccine</i> , 2013, 31, 685-690.	1.7	115
69	Role of the peripheral innate immune system in the development of Alzheimer's disease. <i>Experimental Gerontology</i> , 2018, 107, 59-66.	1.2	114
70	The inflammatory markers CRP, IL-6, and IL-10 are associated with cognitive function—data from the Berlin Aging Study II. <i>Neurobiology of Aging</i> , 2016, 38, 112-117.	1.5	113
71	Functional T Cells Targeting NY-ESO-1 or Melan-A Are Predictive for Survival of Patients With Distant Melanoma Metastasis. <i>Journal of Clinical Oncology</i> , 2012, 30, 1835-1841.	0.8	112
72	Dysregulation of T-Cell Function in the Elderly. <i>Drugs and Aging</i> , 2005, 22, 589-603.	1.3	111

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73	Expression of adhesion molecules and ligands for activating and costimulatory receptors involved in cell-mediated cytotoxicity in a large panel of human melanoma cell lines. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1517-1526.	2.0	111
74	Aging, immunity, and cancer. <i>Discovery Medicine</i> , 2011, 11, 537-50.	0.5	111
75	Immunosenescence and cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2010, 75, 165-172.	2.0	110
76	T cells and aging (update February 1999). <i>Frontiers in Bioscience - Landmark</i> , 1999, 4, d216.	3.0	109
77	Pretreatment frequency of circulating IL-17 <sup>+</sup> CD4 <sup>+</sup> T cells, but not Tregs, correlates with clinical response to whole cell vaccination in prostate cancer patients. <i>International Journal of Cancer</i> , 2009, 125, 1372-1379.	2.3	108
78	Recommendations from the iSBTc-SITC/FDA/NCI Workshop on Immunotherapy Biomarkers. <i>Clinical Cancer Research</i> , 2011, 17, 3064-3076.	3.2	108
79	The T cell in the ageing individual1This article is based on a presentation to the First International Conference on Aging and Immunology, Bethesda, MD, 16-19 June, 1996.1. <i>Mechanisms of Ageing and Development</i> , 1997, 93, 35-45.	2.2	104
80	Gene expression analysis of mTOR pathway: association with human longevity. <i>Aging Cell</i> , 2013, 12, 24-31.	3.0	104
81	Impact of age, sex and CMV-infection on peripheral T cell phenotypes: results from the Berlin BASE-II Study. <i>Biogerontology</i> , 2015, 16, 631-643.	2.0	104
82	An age-related increase in the number of CD8+ T cells carrying receptors for an immunodominant Epstein-Barr virus (EBV) epitope is counteracted by a decreased frequency of their antigen-specific responsiveness. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 477-485.	2.2	103
83	Mechanisms of immunosenescence. <i>Immunity and Ageing</i> , 2009, 6, 10.	1.8	103
84	Latent Infection with Cytomegalovirus Is Associated with Poor Memory CD4 Responses to Influenza A Core Proteins in the Elderly. <i>Journal of Immunology</i> , 2014, 193, 3624-3631.	0.4	103
85	Human T-cell clones in long-term culture as a model of immunosenescence. <i>Immunological Reviews</i> , 1997, 160, 31-42.	2.8	101
86	Impact of age on T cell signaling: A general defect or specific alterations?. <i>Ageing Research Reviews</i> , 2011, 10, 370-378.	5.0	99
87	Editorial. <i>Gerontology</i> , 2016, 62, 311-315.	1.4	98
88	The immune response to influenza in older humans: beyond immune senescence. <i>Immunity and Ageing</i> , 2020, 17, 10.	1.8	97
89	T cells and aging. <i>Frontiers in Bioscience - Landmark</i> , 1998, 3, d59-99.	3.0	96
90	Myeloid-Derived Suppressor Cells: Not Only in Tumor Immunity. <i>Frontiers in Immunology</i> , 2019, 10, 1099.	2.2	96

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91	Immunosenescence and Vaccination in Nursing Home Residents. <i>Clinical Infectious Diseases</i> , 2009, 48, 443-448.	2.9	92
92	Immunosenescence in vertebrates and invertebrates. <i>Immunity and Ageing</i> , 2013, 10, 12.	1.8	91
93	Oxidative stress modulation and T cell activation. <i>Experimental Gerontology</i> , 2007, 42, 852-858.	1.2	88
94	Peripheral CD8 effector-memory type 1 T-cells correlate with outcome in ipilimumab-treated stage IV melanoma patients. <i>European Journal of Cancer</i> , 2017, 73, 61-70.	1.3	88
95	On the Immunological Theory of Aging. <i>Interdisciplinary Topics in Gerontology</i> , 2014, 39, 163-176.	3.6	87
96	Tumour escape: antitumour effectors too much of a good thing?. <i>Cancer Immunology, Immunotherapy</i> , 2004, 53, 262-274.	2.0	86
97	Role of persistent CMV infection in configuring T cell immunity in the elderly. <i>Immunity and Ageing</i> , 2007, 4, 2.	1.8	86
98	Lower proportion of naïve peripheral CD8+ T cells and an unopposed pro-inflammatory response to human Cytomegalovirus proteins in vitro are associated with longer survival in very elderly people. <i>Age</i> , 2013, 35, 1387-1399.	3.0	84
99	Simultaneous Infiltration of Polyfunctional Effector and Suppressor T Cells into Renal Cell Carcinomas. <i>Cancer Research</i> , 2009, 69, 8412-8419.	0.4	82
100	The SENIEUR protocol after 16 years. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 132-134.	2.2	81
101	Immunity and ageing in man: Annual review 2006/2007. <i>Experimental Gerontology</i> , 2007, 43, 34-8.	1.2	81
102	Intralesional Treatment of Stage III Metastatic Melanoma Patients with L19-IL2 Results in Sustained Clinical and Systemic Immunologic Responses. <i>Cancer Immunology Research</i> , 2014, 2, 668-678.	1.6	81
103	Human Immunosenescence: Does It Have an Infectious Component?. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 56-65.	1.8	79
104	Frailty, Inflammation and Immunosenescence. <i>Interdisciplinary Topics in Gerontology and Geriatrics</i> , 2015, 41, 26-40.	2.6	79
105	Tumour-specific MHC-class-II-restricted responses after in vitro sensitization to synthetic peptides corresponding to gp100 and Annexin II eluted from melanoma cells. <i>Cancer Immunology, Immunotherapy</i> , 1998, 47, 32-38.	2.0	78
106	Ageing and immunity – Impact of behavioral intervention. <i>Brain, Behavior, and Immunity</i> , 2014, 39, 8-22.	2.0	76
107	Rudimentary signs of immunosenescence in Cytomegalovirus-seropositive healthy young adults. <i>Age</i> , 2014, 36, 287-297.	3.0	76
108	Immunosenescence and Cancer. <i>Critical Reviews in Oncogenesis</i> , 2013, 18, 489-513.	0.2	75

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109	T cell immunosenescence in vitro and in vivo. <i>Experimental Gerontology</i> , 1999, 34, 419-429.	1.2	74
110	Ageing, autoimmunity and arthritis: Perturbations of TCR signal transduction pathways with ageing â€” a biochemical paradigm for the ageing immune system. <i>Arthritis Research and Therapy</i> , 2003, 5, 290-302.	1.6	74
111	Evaluating the physiological reserves of older patients with cancer: The value of potential biomarkers of aging?. <i>Journal of Geriatric Oncology</i> , 2014, 5, 204-218.	0.5	74
112	Age-related changes in the expression of CD95 (APO1/FAS) on blood lymphocytesâ†. <i>Experimental Gerontology</i> , 1999, 34, 659-673.	1.2	73
113	Long-term culture of monoclonal human T lymphocytes: models for immunosenescence?. <i>Mechanisms of Ageing and Development</i> , 1995, 83, 171-183.	2.2	72
114	Escape from Host-Antitumor Immunity. <i>Critical Reviews in Oncogenesis</i> , 1997, 8, 111-142.	0.2	72
115	Immunosenescence and Cytomegalovirus: where do we stand after a decade?. <i>Immunity and Ageing</i> , 2010, 7, 13.	1.8	69
116	Association of IFN-Î³ Signal Transduction Defects with Impaired HLA Class I Antigen Processing in Melanoma Cell Lines. <i>Clinical Cancer Research</i> , 2011, 17, 2668-2678.	3.2	67
117	Lack of consensus on an aging biology paradigm? A global survey reveals an agreement to disagree, and the need for an interdisciplinary framework. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111316.	2.2	67
118	Impact of Aging and Cytomegalovirus on Immunological Response to Influenza Vaccination and Infection. <i>Frontiers in Immunology</i> , 2017, 8, 784.	2.2	66
119	The conundrum of human immune system â€œsenescenceâ€•. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111357.	2.2	64
120	Molecular and cell biological studies of ageing and their application to considerations of T lymphocyte immunosenescence. <i>Mechanisms of Ageing and Development</i> , 1995, 79, 1-32.	2.2	63
121	Presence of circulating Her2-reactive CD8â€•+â€•T-cells is associated with lower frequencies of myeloid-derived suppressor cells and regulatory T cells, and better survival in older breast cancer patients. <i>Breast Cancer Research</i> , 2015, 17, 34.	2.2	63
122	Decreased proliferative capacity and increased susceptibility to activation-induced cell death in late-passage human cd4+ tcr2+ cultured T cell clones. <i>Experimental Gerontology</i> , 1996, 31, 655-668.	1.2	62
123	Relationships between cancer and aging: a multilevel approach. <i>Biogerontology</i> , 2009, 10, 323-338.	2.0	60
124	Does patient age influence anti-cancer immunity?. <i>Seminars in Immunopathology</i> , 2019, 41, 125-131.	2.8	60
125	Influenza Vaccination in Older Adults: Recent Innovations and Practical Applications. <i>Drugs and Aging</i> , 2019, 36, 29-37.	1.3	60
126	Cytomegalovirus seropositivity is associated with glucose regulation in the oldest old. Results from the Leiden 85-plus Study. <i>Immunity and Ageing</i> , 2012, 9, 18.	1.8	59



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127	Predictors of the antibody response to influenza vaccination in older adults with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2015, 3, e000140.	1.2	59
128	From bench to bedside and back: the SENIEUR Protocol and the efficacy of influenza vaccination in the elderly. <i>Biogerontology</i> , 2009, 10, 83-94.	2.0	57
129	A novel B cell population revealed by a CD38 <sup>hi</sup> CD24 <sup>lo</sup> gating strategy: CD38 <sup>hi</sup> CD24 <sup>lo</sup> B cells in centenarian offspring and elderly people. <i>Age</i> , 2013, 35, 2009-2024.	3.0	57
130	Differential intratumoral distributions of CD8 and CD163 immune cells as prognostic biomarkers in breast cancer. , 2017, 5, 39.		56
131	A clinical and biological perspective of human myeloid-derived suppressor cells in cancer. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4043-4061.	2.4	55
132	Proportions of blood-borne V $\beta$ 1+ and V $\beta$ 2+ T-cells are associated with overall survival of melanoma patients treated with ipilimumab. <i>European Journal of Cancer</i> , 2016, 64, 116-126.	1.3	54
133	Differential Phenotypes of Myeloid-Derived Suppressor and T Regulatory Cells and Cytokine Levels in Amnesic Mild Cognitive Impairment Subjects Compared to Mild Alzheimer Diseased Patients. <i>Frontiers in Immunology</i> , 2017, 8, 783.	2.2	54
134	Basic biology and clinical impact of immunosenescence. <i>Experimental Gerontology</i> , 2002, 37, 183-189.	1.2	53
135	Age related microsatellite instability in T cells from healthy individuals. <i>Experimental Gerontology</i> , 2004, 39, 507-515.	1.2	53
136	Immunosenescence, suppression and tumour progression. <i>Cancer Immunology, Immunotherapy</i> , 2006, 55, 981-986.	2.0	53
137	Is human aging still mysterious enough to be left only to scientists?. <i>BioEssays</i> , 2002, 24, 667-676.	1.2	52
138	Advanced Age Increases Immunosuppression in the Brain and Decreases Immunotherapeutic Efficacy in Subjects with Glioblastoma. <i>Clinical Cancer Research</i> , 2020, 26, 5232-5245.	3.2	52
139	Immune Receptor Signaling, Aging and Autoimmunity. <i>Advances in Experimental Medicine and Biology</i> , 2008, 640, 312-324.	0.8	51
140	Association of cytokine gene polymorphisms with malignant melanoma in Caucasian population. <i>Cancer Immunology, Immunotherapy</i> , 2006, 56, 371-379.	2.0	50
141	As we age: Does slippage of quality control in the immune system lead to collateral damage?. <i>Ageing Research Reviews</i> , 2015, 23, 116-123.	5.0	50
142	Cytomegalovirus Seropositivity Predicts a Decline in the T Cell But Not the Antibody Response to Influenza in Vaccinated Older Adults Independent of Type 2 Diabetes Status. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 72, glw216.	1.7	50
143	Immunosupportive therapies in aging. <i>Clinical Interventions in Aging</i> , 2007, 2, 33-54.	1.3	49
144	T-cell immunosenescence and its clinical relevance in man. <i>Reviews in Clinical Gerontology</i> , 1998, 8, 5-14.	0.5	47

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145	T-cell immunity in the aging human. <i>Haematologica</i> , 2014, 99, 795-797.	1.7	47
146	Induction of HIF-1 $\alpha$ and the glycolytic pathway alters apoptotic and differentiation profiles of activated human T cells. <i>Journal of Leukocyte Biology</i> , 2009, 87, 265-273.	1.5	46
147	NK Cells are Activated in Amnesic Mild Cognitive Impairment but not in Mild Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 93-107.	1.2	46
148	Peripheral Immune Signatures in Alzheimer Disease. <i>Current Alzheimer Research</i> , 2016, 13, 739-749.	0.7	46
149	HER-2/neu-derived peptide 884-899 is expressed by human breast, colorectal and pancreatic adenocarcinomas and is recognized by in-vitro-induced specific CD4+ T cell clones. <i>Cancer Immunology, Immunotherapy</i> , 2002, 50, 615-624.	2.0	45
150	NKp80 defines and stimulates a reactive subset of CD8 T cells. <i>Blood</i> , 2009, 113, 358-369.	0.6	45
151	Enhanced Chemokine Receptor Expression on Leukocytes of Patients with Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e66664.	1.1	45
152	Age-related accumulation of oxidative DNA damage and alterations in levels of p16INK4a/CDKN2a, p21WAF1/CIP1/SDI1 and p27KIP1 in human CD4+ T cell clones in vitro. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1151-1167.	2.2	44
153	Cytotoxic polyfunctionality maturation of cytomegalovirus-pp65-specific CD4 $\alpha$ and CD8 $\alpha$ T-cell responses in older adults positively correlates with response size. <i>Scientific Reports</i> , 2016, 6, 19227.	1.6	44
154	Characterization of HLA class I altered phenotypes in a panel of human melanoma cell lines. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 719-729.	2.0	43
155	Can an effective SARS-CoV-2 vaccine be developed for the older population?. <i>Immunity and Ageing</i> , 2020, 17, 8.	1.8	43
156	ESTDAB: a collection of immunologically characterised melanoma cell lines and searchable databank. <i>Cancer Immunology, Immunotherapy</i> , 2006, 55, 623-627.	2.0	42
157	Vaccination in the elderly. <i>Microbial Biotechnology</i> , 2012, 5, 226-232.	2.0	42
158	Does the human immune system ever really become "senescent"? <i>F1000Research</i> , 2017, 6, 1323.	0.8	42
159	To help aging populations, classify organismal senescence. <i>Science</i> , 2019, 366, 576-578.	6.0	42
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