Graham P Pawelec

List of Publications by Year
in descending order

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		3531	7745
482	28,573	90	150
papers	citations	h-index	g-index

603	603	603	29371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immune evasion in cancer: Mechanistic basis and therapeutic strategies. Seminars in Cancer Biology, 2015, 35, S185-S198.	9.6	1,122
2	Multipeptide immune response to cancer vaccine IMA901 after single-dose cyclophosphamide associates with longer patient survival. Nature Medicine, 2012, 18, 1254-1261.	30.7	721
3	Cancer classification using the Immunoscore: a worldwide task force. Journal of Translational Medicine, 2012, 10, 205.	4.4	676
4	Aging in COVID-19: Vulnerability, immunity and intervention. Ageing Research Reviews, 2021, 65, 101205.	10.9	601
5	Aging, frailty and age-related diseases. Biogerontology, 2010, 11, 547-563.	3.9	489
6	Extrathymic T-cell differentiation in vitro. Nature Reviews Immunology, 2004, 4, 1-2.	22.7	481
7	Baseline Peripheral Blood Biomarkers Associated with Clinical Outcome of Advanced Melanoma Patients Treated with Ipilimumab. Clinical Cancer Research, 2016, 22, 2908-2918.	7.0	459
8	Epigenetic and immune function profiles associated with posttraumatic stress disorder. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9470-9475.	7.1	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. Journal of Immunology, 2006, 176, 2645-2653.	0.8	447
10	Human immunosenescence: is it infectious?. Immunological Reviews, 2005, 205, 257-268.	6.0	369
11	T cells and aging january 2002 update. Frontiers in Bioscience - Landmark, 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. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 556-565.	3.6	346
13	Age and immunity: What is â€œimmunosenescenceâ€?. Experimental Gerontology, 2018, 105, 4-9.	2.8	337
14	Replicative senescence of T cells: does the Hayflick Limit lead to immune exhaustion?. Trends in Immunology, 1997, 18, 450-454.	7.5	336
15	Inflammation, ageing and chronic disease. Current Opinion in Immunology, 2014, 29, 23-28.	5.5	333
16	Seropositivity to Cytomegalovirus, Inflammation, All-Cause and Cardiovascular Disease-Related Mortality in the United States. PLoS ONE, 2011, 6, e16103.	2.5	321
17	Human T Cell Aging and the Impact of Persistent Viral Infections. Frontiers in Immunology, 2013, 4, 271.	4.8	315
18	Direct Injection of Protamine-protected mRNA: Results of a Phase 1/2 Vaccination Trial in Metastatic Melanoma Patients. Journal of Immunotherapy, 2009, 32, 498-507.	2.4	301

#	Article	IF	Citations
19	Cytomegalovirus and human immunosenescence. Reviews in Medical Virology, 2009, 19, 47-56.	8.3	297
20	Relationships Between Immune Landscapes, Genetic Subtypes and Responses to Immunotherapy in Colorectal Cancer. Frontiers in Immunology, 2020, 11, 369.	4.8	291
21	Aging and Innate Immunity. Immunity, 2006, 24, 491-494.	14.3	281
22	Multiparameter flow cytometric analysis of CD4 and CD8 T cell subsets in young and old people. Immunity and Ageing, 2008, 5, 6.	4.2	275
23	Aging of the Immune System as a Prognostic Factor for Human Longevity. Physiology, 2008, 23, 64-74.	3.1	273
24	Is immunosenescence infectious?. Trends in Immunology, 2004, 25, 406-410.	6.8	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. Mechanisms of Ageing and Development, 2006, 127, 695-704.	4.6	239
26	Immunosenescence and vaccine failure in the elderly. Aging Clinical and Experimental Research, 2009, 21, 201-209.	2.9	234
27	Large numbers of dysfunctional CD8+ T lymphocytes bearing receptors for a single dominant CMV epitope in the very old. Journal of Clinical Immunology, 2003, 23, 247-257.	3.8	222
28	Myeloid-Derived Suppressor Cells Predict Survival of Patients with Advanced Melanoma: Comparison with Regulatory T Cells and NY-ESO-1- or Melan-Aâ€“Specific T Cells. Clinical Cancer Research, 2014, 20, 1601-1609.	7.0	222
29	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	9.6	220
30	Cytomegalovirus Infection. Annals of the New York Academy of Sciences, 2007, 1114, 23-35.	3.8	214
31	Cohort Profile: The Berlin Aging Study II (BASE-II)â€. International Journal of Epidemiology, 2014, 43, 703-712.	1.9	213
32	Age-associated accumulation of CMV-specific CD8+ T cells expressing the inhibitory killer cell lectin-like receptor G1 (KLRG1). Experimental Gerontology, 2003, 38, 911-920.	2.8	210
33	Biomarkers of human immunosenescence: impact of Cytomegalovirus infection. Current Opinion in Immunology, 2009, 21, 440-445.	5.5	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. Vaccine, 2012, 30, 2060-2067.	3.8	201
35	Hallmarks of human â€œimmunosenescenceâ€: adaptation or dysregulation?. Immunity and Ageing, 2012, 9, 15.	4.2	193
36	Contribution of neuroinflammation and immunity to brain aging and the mitigating effects of physical and cognitive interventions. Neuroscience and Biobehavioral Reviews, 2017, 75, 114-128.	6.1	193

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37	Role of CMV in immune senescence. Virus Research, 2011, 157, 175-179.	2.2	185
38	No Immune Risk Profile among individuals who reach 100 years of age: Findings from the Swedish NONA immune longitudinal study. Experimental Gerontology, 2007, 42, 753-761.	2.8	184
39	Dramatic Shifts in Circulating CD4 but not CD8 T Cell Subsets in Mild Alzheimer's Disease. Journal of Alzheimer's Disease, 2009, 17, 91-103.	2.6	173
40	Determination of cytokines in synovial fluids: correlation with diagnosis and histomorphological characteristics of synovial tissue.. Annals of the Rheumatic Diseases, 1992, 51, 731-734.	0.9	166
41	Dysfunctional CMV-specific CD8+ T cells accumulate in the elderly. Experimental Gerontology, 2004, 39, 607-613.	2.8	166
42	Infection with cytomegalovirus but not herpes simplex virus induces the accumulation of late-differentiated CD4+ and CD8+ T-cells in humans. Journal of General Virology, 2011, 92, 2746-2756.	2.9	162
43	CMV and Immunosenescence: from basics to clinics. Immunity and Ageing, 2012, 9, 23.	4.2	158
44	Can an Infection Hypothesis Explain the Beta Amyloid Hypothesis of Alzheimerâ€™s Disease?. Frontiers in Aging Neuroscience, 2018, 10, 224.	3.4	155
45	The Immune System and Its Dysregulation with Aging. Sub-Cellular Biochemistry, 2019, 91, 21-43.	2.4	155
46	Senescence of the Human Immune System. Journal of Comparative Pathology, 2010, 142, S39-S44.	0.4	153
47	Immunosenenescence: Role of cytomegalovirus. Experimental Gerontology, 2014, 54, 1-5.	2.8	151
48	Sweet's syndrome associated with myelodysplasia: possible role of cytokines in the pathogenesis of the disease. British Journal of Haematology, 1993, 84, 356-358.	2.5	147
49	Hallmark Features of Immunosenescence Are Absent in Familial Longevity. Journal of Immunology, 2010, 185, 4618-4624.	0.8	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. Clinical Cancer Research, 2016, 22, 4848-4858.	7.0	146
51	Defining the critical hurdles in cancer immunotherapy. Journal of Translational Medicine, 2011, 9, 214.	4.4	139
52	Impact of aging on innate immunity. Journal of Leukocyte Biology, 1998, 64, 703-712.	3.3	138
53	Immunological biomarkers of ageing in man: changes in both innate and adaptive immunity are associated with health and longevity. Biogerontology, 2006, 7, 471-481.	3.9	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. Cancer Immunology, Immunotherapy, 2008, 57, 289-302.	4.2	138

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55	Potential role of immunosenescence in cancer development. Annals of the New York Academy of Sciences, 2010, 1197, 158-165.	3.8	134
56	Immunity, ageing and cancer. Immunity and Ageing, 2008, 5, 11.	4.2	131
57	T Cell Assays and MIATA: The Essential Minimum for Maximum Impact. Immunity, 2012, 37, 1-2.	14.3	131
58	The impact of CMV infection on survival in older humans. Current Opinion in Immunology, 2012, 24, 507-511.	5.5	131
59	From inflamm-aging to immune-paralysis: a slippery slope during aging for immune-adaptation. Biogerontology, 2016, 17, 147-157.	3.9	128
60	CYCLOSPORIN A. Transplantation, 1979, 27, 55-58.	1.0	126
61	Immune profiling of Alzheimer patients. Journal of Neuroimmunology, 2012, 242, 52-59.	2.3	126
62	The Genetics of Human Longevity. Annals of the New York Academy of Sciences, 2006, 1067, 252-263.	3.8	124
63	Altered T cell signalling in ageing. Mechanisms of Ageing and Development, 2001, 122, 1613-1637.	4.6	123
64	Immunity and ageing in man. Experimental Gerontology, 2006, 41, 1239-1242.	2.8	123
65	Human cytomegalovirus infection and T cell immunosenescence: A mini review. Mechanisms of Ageing and Development, 2006, 127, 538-543.	4.6	121
66	High response rate after intratumoral treatment with interleukinâ€2. Cancer, 2010, 116, 4139-4146.	4.1	120
67	Immunosenescence and cancer. Biogerontology, 2017, 18, 717-721.	3.9	120
68	Cytomegalovirus-associated accumulation of late-differentiated CD4 T-cells correlates with poor humoral response to influenza vaccination. Vaccine, 2013, 31, 685-690.	3.8	115
69	Role of the peripheral innate immune system in the development of Alzheimer's disease. Experimental Gerontology, 2018, 107, 59-66.	2.8	114
70	The inflammatory markers CRP, IL-6, and IL-10 are associated with cognitive functionâ€"data from the Berlin Aging Study II. Neurobiology of Aging, 2016, 38, 112-117.	3.1	113
71	Functional T Cells Targeting NY-ESO-1 or Melan-A Are Predictive for Survival of Patients With Distant Melanoma Metastasis. Journal of Clinical Oncology, 2012, 30, 1835-1841.	1.6	112
72	Dysregulation of T-Cell Function in the Elderly. Drugs and Aging, 2005, 22, 589-603.	2.7	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. Cancer Immunology, Immunotherapy, 2009, 58, 1517-1526.	4.2	111
74	Aging, immunity, and cancer. Discovery Medicine, 2011, 11, 537-50.	0.5	111
75	Immunosenescence and cancer. Critical Reviews in Oncology/Hematology, 2010, 75, 165-172.	4.4	110
76	T cells and aging (update February 1999). Frontiers in Bioscience - Landmark, 1999, 4, d216.	3.0	109
77	Pretreatment frequency of circulating ILâ€17⁺CD4⁺ Tâ€cells, but not Tregs, correlates with clinical response to wholeâ€cell vaccination in prostate cancer patients. International Journal of Cancer, 2009, 125, 1372-1379.	5.1	108
78	Recommendations from the iSBTc-SITC/FDA/NCI Workshop on Immunotherapy Biomarkers. Clinical Cancer Research, 2011, 17, 3064-3076.	7.0	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, 16â€“19 June, 1996.1. Mechanisms of Ageing and Development, 1997, 93, 35-45.	4.6	104
80	Gene expression analysis of <scp>mTOR</scp> pathway: association with human longevity. Aging Cell, 2013, 12, 24-31.	6.7	104
81	Impact of age, sex and CMV-infection on peripheral T cell phenotypes: results from the Berlin BASE-II Study. Biogerontology, 2015, 16, 631-643.	3.9	104
82	An age-related increase in the number of CD8+ T cells carrying receptors for an immunodominant Epsteinâ€“Barr virus (EBV) epitope is counteracted by a decreased frequency of their antigen-specific responsiveness. Mechanisms of Ageing and Development, 2003, 124, 477-485.	4.6	103
83	Mechanisms of immunosenescence. Immunity and Ageing, 2009, 6, 10.	4.2	103
84	Latent Infection with Cytomegalovirus Is Associated with Poor Memory CD4 Responses to Influenza A Core Proteins in the Elderly. Journal of Immunology, 2014, 193, 3624-3631.	0.8	103
85	Human T-cell clones in long-term culture as a model of immunosenescence. Immunological Reviews, 1997, 160, 31-42.	6.0	101
86	Impact of age on T cell signaling: A general defect or specific alterations?. Ageing Research Reviews, 2011, 10, 370-378.	10.9	99
87	Editorial. Gerontology, 2016, 62, 311-315.	2.8	98
88	The immune response to influenza in older humans: beyond immune senescence. Immunity and Ageing, 2020, 17, 10.	4.2	97
89	T cells and aging. Frontiers in Bioscience - Landmark, 1998, 3, d59-99.	3.0	96
90	Myeloid-Derived Suppressor Cells: Not Only in Tumor Immunity. Frontiers in Immunology, 2019, 10, 1099.	4.8	96

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91	Immunosenescence and Vaccination in Nursing Home Residents. Clinical Infectious Diseases, 2009, 48, 443-448.	5.8	92
92	Immunosenescence in vertebrates and invertebrates. Immunity and Ageing, 2013, 10, 12.	4.2	91
93	Oxidative stress modulation and T cell activation. Experimental Gerontology, 2007, 42, 852-858.	2.8	88
94	Peripheral CD8 effector-memory type 1 T-cells correlate with outcome in ipilimumab-treated stage IV melanoma patients. European Journal of Cancer, 2017, 73, 61-70.	2.8	88
95	On the Immunological Theory of Aging. Interdisciplinary Topics in Gerontology, 2014, 39, 163-176.	3.6	87
96	Tumour escape: antitumour effectors too much of a good thing?. Cancer Immunology, Immunotherapy, 2004, 53, 262-274.	4.2	86
97	Role of persistent CMV infection in configuring T cell immunity in the elderly. Immunity and Ageing, 2007, 4, 2.	4.2	86
98	Lower proportion of naÃ¯ve 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. Age, 2013, 35, 1387-1399.	3.0	84
99	Simultaneous Infiltration of Polyfunctional Effector and Suppressor T Cells into Renal Cell Carcinomas. Cancer Research, 2009, 69, 8412-8419.	0.9	82
100	The SENIEUR protocol after 16 years. Mechanisms of Ageing and Development, 2001, 122, 132-134.	4.6	81
101	Immunity and ageing in man: Annual review 2006/2007. Experimental Gerontology, 2007, 43, 34-8.	2.8	81
102	Intralesional Treatment of Stage III Metastatic Melanoma Patients with L19â€“IL2 Results in Sustained Clinical and Systemic Immunologic Responses. Cancer Immunology Research, 2014, 2, 668-678.	3.4	81
103	Human Immunosenescence: Does It Have an Infectious Component?. Annals of the New York Academy of Sciences, 2006, 1067, 56-65.	3.8	79
104	Frailty, Inflammation and Immunosenescence. Interdisciplinary Topics in Gerontology and Geriatrics, 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. Cancer Immunology, Immunotherapy, 1998, 47, 32-38.	4.2	78
106	Aging and immunity â€“ Impact of behavioral intervention. Brain, Behavior, and Immunity, 2014, 39, 8-22.	4.1	76
107	Rudimentary signs of immunosenescence in Cytomegalovirus-seropositive healthy young adults. Age, 2014, 36, 287-297.	3.0	76
108	Immunosenescence and Cancer. Critical Reviews in Oncogenesis, 2013, 18, 489-513.	0.4	75

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109	T cell immunosenescence in vitro and in vivo. Experimental Gerontology, 1999, 34, 419-429.	2.8	74
110	Ageing, autoimmunity and arthritis: Perturbations of TCR signal transduction pathways with ageing â€“ a biochemical paradigm for the ageing immune system. Arthritis Research and Therapy, 2003, 5, 290-302.	3.5	74
111	Evaluating the physiological reserves of older patients with cancer: The value of potential biomarkers of aging?. Journal of Geriatric Oncology, 2014, 5, 204-218.	1.0	74
112	Age-related changes in the expression of CD95 (APO1/FAS) on blood lymphocytesâ˜†. Experimental Gerontology, 1999, 34, 659-673.	2.8	73
113	Long-term culture of monoclonal human T lymphocytes: models for immunosenescence?. Mechanisms of Ageing and Development, 1995, 83, 171-183.	4.6	72
114	Escape from Host-Antitumor Immunity. Critical Reviews in Oncogenesis, 1997, 8, 111-142.	0.4	72
115	Immunosenescence and Cytomegalovirus: where do we stand after a decade?. Immunity and Ageing, 2010, 7, 13.	4.2	69
116	Association of IFN-Î³ Signal Transduction Defects with Impaired HLA Class I Antigen Processing in Melanoma Cell Lines. Clinical Cancer Research, 2011, 17, 2668-2678.	7.0	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. Mechanisms of Ageing and Development, 2020, 191, 111316.	4.6	67
118	Impact of Aging and Cytomegalovirus on Immunological Response to Influenza Vaccination and Infection. Frontiers in Immunology, 2017, 8, 784.	4.8	66
119	The conundrum of human immune system â€œsenescenceâ€. Mechanisms of Ageing and Development, 2020, 192, 111357.	4.6	64
120	Molecular and cell biological studies of ageing and their application to considerations of T lymphocyte immunosenescence. Mechanisms of Ageing and Development, 1995, 79, 1-32.	4.6	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. Breast Cancer Research, 2015, 17, 34.	5.0	63
122	Decreased proliferative capacity and increased susceptibility to activation-induced cell death in late-passage human cd4+ tcr2+ cultured T cell clones. Experimental Gerontology, 1996, 31, 655-668.	2.8	62
123	Relationships between cancer and aging: a multilevel approach. Biogerontology, 2009, 10, 323-338.	3.9	60
124	Does patient age influence anti-cancer immunity?. Seminars in Immunopathology, 2019, 41, 125-131.	6.1	60
125	Influenza Vaccination in Older Adults: Recent Innovations and Practical Applications. Drugs and Aging, 2019, 36, 29-37.	2.7	60
126	Cytomegalovirus seropositivity is associated with glucose regulation in the oldest old. Results from the Leiden 85-plus Study. Immunity and Ageing, 2012, 9, 18.	4.2	59

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127	Predictors of the antibody response to influenza vaccination in older adults with type 2 diabetes. BMJ Open Diabetes Research and Care, 2015, 3, e000140.	2.8	59
128	From bench to bedside and back: the SENIEUR Protocol and the efficacy of influenza vaccination in the elderly. Biogerontology, 2009, 10, 83-94.	3.9	57
129	A novel B cell population revealed by a CD38/CD24 gating strategy: CD38â^'CD24â^' B cells in centenarian offspring and elderly people. Age, 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. Cellular and Molecular Life Sciences, 2016, 73, 4043-4061.	5.4	55
132	Proportions of blood-borne VÎ´1+ and VÎ´2+ T-cells are associated with overall survival of melanoma patients treated with ipilimumab. European Journal of Cancer, 2016, 64, 116-126.	2.8	54
133	Differential Phenotypes of Myeloid-Derived Suppressor and T Regulatory Cells and Cytokine Levels in Amnestic Mild Cognitive Impairment Subjects Compared to Mild Alzheimer Diseased Patients. Frontiers in Immunology, 2017, 8, 783.	4.8	54
134	Basic biology and clinical impact of immunosenescence. Experimental Gerontology, 2002, 37, 183-189.	2.8	53
135	Age related microsatellite instability in T cells from healthy individuals. Experimental Gerontology, 2004, 39, 507-515.	2.8	53
136	Immunosenescence, suppression and tumour progression. Cancer Immunology, Immunotherapy, 2006, 55, 981-986.	4.2	53
137	Is human aging still mysterious enough to be left only to scientists?. BioEssays, 2002, 24, 667-676.	2.5	52
138	Advanced Age Increases Immunosuppression in the Brain and Decreases Immunotherapeutic Efficacy in Subjects with Glioblastoma. Clinical Cancer Research, 2020, 26, 5232-5245.	7.0	52
139	Immune Receptor Signaling, Aging and Autoimmunity. Advances in Experimental Medicine and Biology, 2008, 640, 312-324.	1.6	51
140	Association of cytokine gene polymorphisms with malignant melanoma in Caucasian population. Cancer Immunology, Immunotherapy, 2006, 56, 371-379.	4.2	50
141	As we age: Does slippage of quality control in the immune system lead to collateral damage?. Ageing Research Reviews, 2015, 23, 116-123.	10.9	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. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw216.	3.6	50
143	Immunosupportive therapies in aging. Clinical Interventions in Aging, 2007, 2, 33-54.	2.9	49
144	T-cell immunosenescence and its clinical relevance in man. Reviews in Clinical Gerontology, 1998, 8, 5-14.	0.5	47

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145	T-cell immunity in the aging human. Haematologica, 2014, 99, 795-797.	3.5	47
146	Induction of HIF-1Î± and the glycolytic pathway alters apoptotic and differentiation profiles of activated human T cells. Journal of Leukocyte Biology, 2009, 87, 265-273.	3.3	46
147	NK Cells are Activated in Amnestic Mild Cognitive Impairment but not in Mild Alzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2015, 46, 93-107.	2.6	46
148	Peripheral Immune Signatures in Alzheimer Disease. Current Alzheimer Research, 2016, 13, 739-749.	1.4	46
149	HER-2/neu-derived peptide 884â€“899 is expressed by human breast, colorectal and pancreatic adenocarcinomas and is recognized by in-vitro-induced specific CD4+ T cell clones. Cancer Immunology, Immunotherapy, 2002, 50, 615-624.	4.2	45
150	NKp80 defines and stimulates a reactive subset of CD8 T cells. Blood, 2009, 113, 358-369.	1.4	45
151	Enhanced Chemokine Receptor Expression on Leukocytes of Patients with Alzheimer's Disease. PLoS ONE, 2013, 8, e66664.	2.5	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. Mechanisms of Ageing and Development, 2001, 122, 1151-1167.	4.6	44
153	Cytotoxic polyfunctionality maturation of cytomegalovirus-pp65-specific CD4â€‰+â€‰and CD8â€‰+â€‰T-cell responses in older adults positively correlates with response size. Scientific Reports, 2016, 6, 19227.	3.3	44
154	Characterization of HLA class I altered phenotypes in a panel of human melanoma cell lines. Cancer Immunology, Immunotherapy, 2008, 57, 719-729.	4.2	43
155	Can an effective SARS-CoV-2 vaccine be developed for the older population?. Immunity and Ageing, 2020, 17, 8.	4.2	43
156	ESTDAB: a collection of immunologically characterised melanoma cell lines and searchable databank. Cancer Immunology, Immunotherapy, 2006, 55, 623-627.	4.2	42
157	Vaccination in the elderly. Microbial Biotechnology, 2012, 5, 226-232.	4.2	42
158	Does the human immune system ever really become â€œsenescentâ€?. F1000Research, 2017, 6, 1323.	1.6	42
159	To help aging populations, classify organismal senescence. Science, 2019, 366, 576-578.	12.6	42
160	Expansion of peripheral CD8+ CD28- T cells in response to Epstein-Barr virus in patients with rheumatoid arthritis. Journal of Rheumatology, 2005, 32, 239-51.	2.0	42
161	Distinct molecular mechanisms leading to deficient expression of ER-resident aminopeptidases in melanoma. Cancer Immunology, Immunotherapy, 2010, 59, 1273-1284.	4.2	41
162	Age-associated alterations in Î³Î´ T-cells are present predominantly in individuals infected with Cytomegalovirus. Immunity and Ageing, 2013, 10, 26.	4.2	41

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163	surface markers of mono-and multi-functional mixed leukocyte culture-derived T cell clones in man. European Journal of Immunology, 1982, 12, 607-615.	2.9	40
164	In vitro senescence models for human T lymphocytes. Vaccine, 2000, 18, 1666-1674.	3.8	40
165	Age and immunity. Immunity and Ageing, 2006, 3, 2.	4.2	40
166	IL7R gene expression network associates with human healthy ageing. Immunity and Ageing, 2015, 12, 21.	4.2	39
167	PTSD is associated with an increase in aged T cell phenotypes in adults living in Detroit. Psychoneuroendocrinology, 2016, 67, 133-141.	2.7	39
168	The impact of adjuvant chemotherapy in older breast cancer patients on clinical and biological aging parameters. Oncotarget, 2016, 7, 29977-29988.	1.8	39
169	Human T-cell clones with multiple and changing functions: indications of unexpected flexibility in immune response networks?. Trends in Immunology, 1983, 4, 275-278.	7.5	38
170	Constitutive interleukin 2 production by the JURKAT human leukemic T cell line. European Journal of Immunology, 1982, 12, 387-392.	2.9	37
171	Telomere-dependent senescence. Nature Biotechnology, 1999, 17, 313-313.	17.5	37
172	Human CD4+ T cell clone longevity in tissue culture: lack of influence of donor age or cell origin. Experimental Gerontology, 2002, 37, 265-269.	2.8	37
173	Prediction of an HLA-DR-binding peptide derived from Wilmsâ€™ tumour 1 protein and demonstration of in vitro immunogenicity of WT1(124â€“138)-pulsed dendritic cells generated according to an optimised protocol. Cancer Immunology, Immunotherapy, 2002, 51, 271-281.	4.2	37
174	Immunosenescence comes of age. EMBO Reports, 2007, 8, 220-223.	4.5	37
175	Impairment of the ABCA1 and SR-BI-mediated cholesterol efflux pathways and HDL anti-inflammatory activity in Alzheimer's disease. Mechanisms of Ageing and Development, 2012, 133, 20-29.	4.6	37
176	Prognostic impact of high levels of circulating plasmacytoid dendritic cells in breast cancer. Journal of Translational Medicine, 2016, 14, 151.	4.4	37
177	Differential secretion of tumor necrosis factor-Î± and granulocyte/macrophage colony-stimulating factors but not interferon-Î³ from CD4 compared to CD8 human T cell clones. European Journal of Immunology, 1989, 19, 197-200.	2.9	36
178	Relative Roles of Natural Killer- and T Cell-Mediated Anti-Leukemia Effects in Chronic Myelogenous Leukemia Patients Treated with Interferon-Î±. Leukemia and Lymphoma, 1995, 18, 471-478.	1.3	36
179	Tumour escape from the immune response: the last hurdle for successful immunotherapy of cancer?. Cancer Immunology, Immunotherapy, 1999, 48, 343-345.	4.2	36
180	T-cell dysregulation caused by chronic antigenic stress: the role of CMV in immunosenescence?. Aging Clinical and Experimental Research, 2006, 18, 171-173.	2.9	36

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