

Jrg J Goronzy

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247
papers

18,106
citations

79
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130
g-index

267
ext. papers

22,614
ext. citations

11.1
avg, IF

7.16
L-index

#	Paper	IF	Citations
247	Chronic inflammation in the etiology of disease across the life span. <i>Nature Medicine</i> , 2019 , 25, 1822-1832	30.5	830
246	The influence of age on T cell generation and TCR diversity. <i>Journal of Immunology</i> , 2005 , 174, 7446-52	5.3	595
245	Lymphoid neogenesis in rheumatoid synovitis. <i>Journal of Immunology</i> , 2001 , 167, 1072-80	5.3	534
244	Medium- and large-vessel vasculitis. <i>New England Journal of Medicine</i> , 2003 , 349, 160-9	59.2	522
243	Understanding immunosenescence to improve responses to vaccines. <i>Nature Immunology</i> , 2013 , 14, 428-36	13.1	446
242	Diversity and clonal selection in the human T-cell repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13139-44	11.5	417
241	CD28(-) T cells: their role in the age-associated decline of immune function. <i>Trends in Immunology</i> , 2009 , 30, 306-12	14.4	391
240	Perturbation of the T-cell repertoire in patients with unstable angina. <i>Circulation</i> , 1999 , 100, 2135-9	16.7	319
239	T cell subset-specific susceptibility to aging. <i>Clinical Immunology</i> , 2008 , 127, 107-18	9	295
238	T-cell-mediated lysis of endothelial cells in acute coronary syndromes. <i>Circulation</i> , 2002 , 105, 570-5	16.7	284
237	The glycolytic enzyme PKM2 bridges metabolic and inflammatory dysfunction in coronary artery disease. <i>Journal of Experimental Medicine</i> , 2016 , 213, 337-54	16.6	268
236	Origin and differentiation of human memory CD8 T cells after vaccination. <i>Nature</i> , 2017 , 552, 362-367	50.4	257
235	Decline in miR-181a expression with age impairs T cell receptor sensitivity by increasing DUSP6 activity. <i>Nature Medicine</i> , 2012 , 18, 1518-24	50.5	246
234	Expansion of unusual CD4+ T cells in severe rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1997 , 40, 1106-14		244
233	Immune mechanisms in medium and large-vessel vasculitis. <i>Nature Reviews Rheumatology</i> , 2013 , 9, 731-40	40.1	243
232	Vessel-specific Toll-like receptor profiles in human medium and large arteries. <i>Circulation</i> , 2008 , 118, 1276-84	16.7	242
231	Clinical practice. Giant-cell arteritis and polymyalgia rheumatica. <i>New England Journal of Medicine</i> , 2014 , 371, 50-7	59.2	229

230	Correlation of interleukin-6 production and disease activity in polymyalgia rheumatica and giant cell arteritis. <i>Arthritis and Rheumatism</i> , 1993 , 36, 1286-94		228
229	T cell development and receptor diversity during aging. <i>Current Opinion in Immunology</i> , 2005 , 17, 468-75.8		222
228	Down-regulation of CD28 expression by TNF-alpha. <i>Journal of Immunology</i> , 2001 , 167, 3231-8	5.3	219
227	Phosphofructokinase deficiency impairs ATP generation, autophagy, and redox balance in rheumatoid arthritis T cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2119-34	16.6	209
226	Aging and T-cell diversity. <i>Experimental Gerontology</i> , 2007 , 42, 400-6	4.5	196
225	Naive T cell maintenance and function in human aging. <i>Journal of Immunology</i> , 2015 , 194, 4073-80	5.3	193
224	Regulatory T cells and the immune aging process: a mini-review. <i>Gerontology</i> , 2014 , 60, 130-7	5.5	185
223	Activation of arterial wall dendritic cells and breakdown of self-tolerance in giant cell arteritis. <i>Journal of Experimental Medicine</i> , 2004 , 199, 173-83	16.6	183
222	CD4+,CD28- T cells in rheumatoid arthritis patients combine features of the innate and adaptive immune systems. <i>Arthritis and Rheumatism</i> , 2001 , 44, 13-20		181
221	Killer cell activating receptors function as costimulatory molecules on CD4+CD28null T cells clonally expanded in rheumatoid arthritis. <i>Journal of Immunology</i> , 2000 , 165, 1138-45	5.3	180
220	Rheumatoid arthritis. <i>Immunological Reviews</i> , 2005 , 204, 55-73	11.3	179
219	Formation of new vasa vasorum in vasculitis. Production of angiogenic cytokines by multinucleated giant cells. <i>American Journal of Pathology</i> , 1999 , 155, 765-74	5.8	171
218	Premature telomeric loss in rheumatoid arthritis is genetically determined and involves both myeloid and lymphoid cell lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 13471-6	11.5	158
217	Immune aging and autoimmunity. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 1615-23	10.3	156
216	Functional properties of CD4+ CD28- T cells in the aging immune system. <i>Mechanisms of Ageing and Development</i> , 1998 , 102, 131-47	5.6	156
215	Successful and Maladaptive T Cell Aging. <i>Immunity</i> , 2017 , 46, 364-378	32.3	155
214	Single-channel and whole-cell recordings of mitogen-regulated inward currents in human cloned helper T lymphocytes. <i>Nature</i> , 1986 , 323, 269-73	50.4	152
213	Aging, autoimmunity and arthritis: T-cell senescence and contraction of T-cell repertoire diversity - catalysts of autoimmunity and chronic inflammation. <i>Arthritis Research</i> , 2003 , 5, 225-34		145

212	TRAIL-expressing T cells induce apoptosis of vascular smooth muscle cells in the atherosclerotic plaque. <i>Journal of Experimental Medicine</i> , 2006 , 203, 239-50	16.6	144
211	Aging-related deficiency of CD28 expression in CD4+ T cells is associated with the loss of gene-specific nuclear factor binding activity. <i>Journal of Biological Chemistry</i> , 1998 , 273, 8119-29	5.4	143
210	CD8 T cells are required for the formation of ectopic germinal centers in rheumatoid synovitis. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1325-36	16.6	142
209	Restoring oxidant signaling suppresses proarthritogenic T cell effector functions in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2016 , 8, 331ra38	17.5	140
208	Homeostatic control of T-cell generation in neonates. <i>Blood</i> , 2003 , 102, 1428-34	2.2	140
207	Prognostic markers of radiographic progression in early rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 43-54		137
206	Telomerase insufficiency in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4360-5	11.5	136
205	Immunosenescence, autoimmunity, and rheumatoid arthritis. <i>Experimental Gerontology</i> , 2003 , 38, 833-41	4.5	136
204	Aging of the Immune System. Mechanisms and Therapeutic Targets. <i>Annals of the American Thoracic Society</i> , 2016 , 13 Suppl 5, S422-S428	4.7	134
203	Immunoinhibitory checkpoint deficiency in medium and large vessel vasculitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E970-E979	11.5	124
202	Thymic function and peripheral T-cell homeostasis in rheumatoid arthritis. <i>Trends in Immunology</i> , 2001 , 22, 251-5	14.4	123
201	Immunometabolism in early and late stages of rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2017 , 13, 291-301	8.1	122
200	Oligoclonal T cell proliferation in patients with rheumatoid arthritis and their unaffected siblings. <i>Arthritis and Rheumatism</i> , 1996 , 39, 904-13		116
199	Deficiency of the DNA repair enzyme ATM in rheumatoid arthritis. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1435-49	16.6	115
198	Modulation of CD28 expression with anti-tumor necrosis factor alpha therapy in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2996-3003		113
197	Regulation of T cell receptor signaling by activation-induced zinc influx. <i>Journal of Experimental Medicine</i> , 2011 , 208, 775-85	16.6	111
196	Epigenomics of human CD8 T cell differentiation and aging. <i>Science Immunology</i> , 2017 , 2,	28	110
195	Trapping of misdirected dendritic cells in the granulomatous lesions of giant cell arteritis. <i>American Journal of Pathology</i> , 2002 , 161, 1815-23	5.8	107

194	Mechanisms underlying T cell ageing. <i>Nature Reviews Immunology</i> , 2019 , 19, 573-583	36.5	105
193	Blocking the NOTCH pathway inhibits vascular inflammation in large-vessel vasculitis. <i>Circulation</i> , 2011 , 123, 309-18	16.7	101
192	Inhibition of JAK-STAT Signaling Suppresses Pathogenic Immune Responses in Medium and Large Vessel Vasculitis. <i>Circulation</i> , 2018 , 137, 1934-1948	16.7	100
191	The Repertoire of CD4+ CD28 [−] Cells in Rheumatoid Arthritis. <i>Molecular Medicine</i> , 1996 , 2, 608-618	6.2	95
190	T-cell metabolism in autoimmune disease. <i>Arthritis Research and Therapy</i> , 2015 , 17, 29	5.7	94
189	Co-stimulatory pathways controlling activation and peripheral tolerance of human CD4+CD28- T cells. <i>European Journal of Immunology</i> , 1997 , 27, 1082-90	6.1	94
188	T-cell aging in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2014 , 26, 93-100	5.3	93
187	Signaling pathways in aged T cells - a reflection of T cell differentiation, cell senescence and host environment. <i>Seminars in Immunology</i> , 2012 , 24, 365-72	10.7	93
186	Giant Cell Vasculitis Is a T Cell-Dependent Disease. <i>Molecular Medicine</i> , 1997 , 3, 530-543	6.2	93
185	Formation of the killer Ig-like receptor repertoire on CD4+CD28null T cells. <i>Journal of Immunology</i> , 2002 , 168, 3839-46	5.3	92
184	Epigenetic signature of PD-1+ TCF1+ CD8 T cells that act as resource cells during chronic viral infection and respond to PD-1 blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 14113-14118	11.5	90
183	The gracefully aging immune system. <i>Science Translational Medicine</i> , 2013 , 5, 185ps8	17.5	90
182	IFN- γ and IL-17: the two faces of T-cell pathology in giant cell arteritis. <i>Current Opinion in Rheumatology</i> , 2011 , 23, 43-9	5.3	90
181	Toll-like receptors 4 and 5 induce distinct types of vasculitis. <i>Circulation Research</i> , 2009 , 104, 488-95	15.7	89
180	Telomeres, immune aging and autoimmunity. <i>Experimental Gerontology</i> , 2006 , 41, 246-51	4.5	88
179	Clinical and pathological evolution of giant cell arteritis: a prospective study of follow-up temporal artery biopsies in 40 treated patients. <i>Modern Pathology</i> , 2017 , 30, 788-796	9.8	86
178	The double life of NK receptors: stimulation or co-stimulation?. <i>Trends in Immunology</i> , 2004 , 25, 25-32	14.4	86
177	Influence of immune aging on vaccine responses. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1309-1321	11.5	85

176	NADPH oxidase deficiency underlies dysfunction of aged CD8+ Tregs. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1953-67	15.9	84
175	Developments in the scientific understanding of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2009 , 11, 249	5.7	83
174	Emergence of oligoclonal T cell populations following therapeutic T cell depletion in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1995 , 38, 1242-51		83
173	Metabolic signatures of T-cells and macrophages in rheumatoid arthritis. <i>Current Opinion in Immunology</i> , 2017 , 46, 112-120	7.8	81
172	Defective proliferative capacity and accelerated telomeric loss of hematopoietic progenitor cells in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 990-1000		80
171	The immunology of rheumatoid arthritis. <i>Nature Immunology</i> , 2021 , 22, 10-18	19.1	80
170	Autophagy in autoimmune disease. <i>Journal of Molecular Medicine</i> , 2015 , 93, 707-17	5.5	79
169	T-cell regulation in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2004 , 16, 212-7	5.3	79
168	B-cell repertoire responses to varicella-zoster vaccination in human identical twins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 500-5	11.5	78
167	Chronic inflammation and aging: DNA damage tips the balance. <i>Current Opinion in Immunology</i> , 2012 , 24, 488-93	7.8	78
166	Rejuvenating the immune system in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2009 , 5, 583-8	8.1	77
165	The immunopathology of giant cell arteritis: diagnostic and therapeutic implications. <i>Journal of Neuro-Ophthalmology</i> , 2012 , 32, 259-65	2.6	77
164	T cell costimulation by fractalkine-expressing synoviocytes in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 1392-401		77
163	The janus head of T cell aging - autoimmunity and immunodeficiency. <i>Frontiers in Immunology</i> , 2013 , 4, 131	8.4	75
162	Telomeres and immunological diseases of aging. <i>Gerontology</i> , 2010 , 56, 390-403	5.5	75
161	Expression of CD39 on Activated T Cells Impairs their Survival in Older Individuals. <i>Cell Reports</i> , 2016 , 14, 1218-1231	10.6	72
160	Metabolic control of the scaffold protein TKS5 in tissue-invasive, proinflammatory T cells. <i>Nature Immunology</i> , 2017 , 18, 1025-1034	19.1	71
159	Peripheral selection rather than thymic involution explains sudden contraction in naive CD4 T-cell diversity with age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 21432-7	11.5	71

158	Stimulatory killer Ig-like receptors modulate T cell activation through DAP12-dependent and DAP12-independent mechanisms. <i>Journal of Immunology</i> , 2004 , 173, 3725-31	5.3	70
157	Selective activation of the c-Jun NH2-terminal protein kinase signaling pathway by stimulatory KIR in the absence of KARAP/DAP12 in CD4+ T cells. <i>Journal of Experimental Medicine</i> , 2003 , 197, 437-49	16.6	67
156	Signal inhibition by the dual-specific phosphatase 4 impairs T cell-dependent B-cell responses with age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E879-88	11.5	66
155	IL-7- and IL-15-mediated TCR sensitization enables T cell responses to self-antigens. <i>Journal of Immunology</i> , 2013 , 190, 1416-23	5.3	64
154	Vessel wall-embedded dendritic cells induce T-cell autoreactivity and initiate vascular inflammation. <i>Circulation Research</i> , 2008 , 102, 546-53	15.7	64
153	T cell recognition and killing of vascular smooth muscle cells in acute coronary syndrome. <i>Circulation Research</i> , 2006 , 98, 1168-76	15.7	64
152	Large-Scale and Comprehensive Immune Profiling and Functional Analysis of Normal Human Aging. <i>PLoS ONE</i> , 2015 , 10, e0133627	3.7	61
151	CD8+CD45RA+CCR7+FOXP3+ T cells with immunosuppressive properties: a novel subset of inducible human regulatory T cells. <i>Journal of Immunology</i> , 2012 , 189, 2118-30	5.3	60
150	Immune aging and rheumatoid arthritis. <i>Rheumatic Disease Clinics of North America</i> , 2010 , 36, 297-310	2.4	59
149	Mechanisms underlying the formation of the T cell receptor repertoire in rheumatoid arthritis. <i>Immunity</i> , 1995 , 2, 597-605	32.3	59
148	Immune checkpoint dysfunction in large and medium vessel vasculitis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H1052-H1059	5.2	58
147	The microvascular niche instructs T cells in large vessel vasculitis via the VEGF-Jagged1-Notch pathway. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	58
146	Fighting against a protean enemy: immunosenescence, vaccines, and healthy aging. <i>Npj Aging and Mechanisms of Disease</i> , 2018 , 4, 1	5.5	57
145	Telomere dysfunction, autoimmunity and aging 2011 , 2, 524-37		56
144	ERK-dependent T cell receptor threshold calibration in rheumatoid arthritis. <i>Journal of Immunology</i> , 2009 , 183, 8258-67	5.3	55
143	N-myristoyltransferase deficiency impairs activation of kinase AMPK and promotes synovial tissue inflammation. <i>Nature Immunology</i> , 2019 , 20, 313-325	19.1	53
142	Pyruvate controls the checkpoint inhibitor PD-L1 and suppresses T cell immunity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2725-2738	15.9	53
141	MMP (Matrix Metalloprotease)-9-Producing Monocytes Enable T Cells to Invade the Vessel Wall and Cause Vasculitis. <i>Circulation Research</i> , 2018 , 123, 700-715	15.7	53

140	Deficient Activity of the Nuclease MRE11A Induces T Cell Aging and Promotes Arthritogenic Effector Functions in Patients with Rheumatoid Arthritis. <i>Immunity</i> , 2016 , 45, 903-916	32.3	52
139	Mechanisms shaping the naïve T cell repertoire in the elderly - thymic involution or peripheral homeostatic proliferation?. <i>Experimental Gerontology</i> , 2014 , 54, 71-4	4.5	51
138	Mechanisms of immunosenescence: lessons from models of accelerated immune aging. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1247, 69-82	6.5	50
137	Uncoupling of T-cell effector functions by inhibitory killer immunoglobulin-like receptors. <i>Blood</i> , 2006 , 107, 4449-57	2.2	50
136	Lymphocyte generation and population homeostasis throughout life. <i>Seminars in Hematology</i> , 2017 , 54, 33-38	4	49
135	Giant cell arteritis: immune and vascular aging as disease risk factors. <i>Arthritis Research and Therapy</i> , 2011 , 13, 231	5.7	48
134	Diversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccination. <i>Science Translational Medicine</i> , 2016 , 8, 332ra46	17.5	47
133	The DNA Repair Nuclease MRE11A Functions as a Mitochondrial Protector and Prevents T Cell Pyroptosis and Tissue Inflammation. <i>Cell Metabolism</i> , 2019 , 30, 477-492.e6	24.6	47
132	T-cell-targeted therapies in rheumatoid arthritis. <i>Nature Clinical Practice Rheumatology</i> , 2006 , 2, 201-10		46
131	Activation of miR-21-Regulated Pathways in Immune Aging Selects against Signatures Characteristic of Memory T Cells. <i>Cell Reports</i> , 2018 , 25, 2148-2162.e5	10.6	46
130	T cell-macrophage interactions and granuloma formation in vasculitis. <i>Frontiers in Immunology</i> , 2014 , 5, 432	8.4	45
129	DNA-dependent protein kinase catalytic subunit mediates T-cell loss in rheumatoid arthritis. <i>EMBO Molecular Medicine</i> , 2010 , 2, 415-27	12	44
128	Defective T Memory Cell Differentiation after Varicella Zoster Vaccination in Older Individuals. <i>PLoS Pathogens</i> , 2016 , 12, e1005892	7.6	44
127	Hypermetabolic macrophages in rheumatoid arthritis and coronary artery disease due to glycogen synthase kinase 3b inactivation. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1053-1062	2.4	43
126	T cell receptor repertoire in rheumatoid arthritis. <i>International Reviews of Immunology</i> , 1998 , 17, 339-63	4.6	43
125	Costimulatory pathways in rheumatoid synovitis and T-cell senescence. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1062, 182-94	6.5	40
124	Epigenetic regulation of killer immunoglobulin-like receptor expression in T cells. <i>Blood</i> , 2009 , 114, 3422-30		39
123	Vascular damage in giant cell arteritis. <i>Autoimmunity</i> , 2009 , 42, 596-604	3	38

122	Immunometabolism in the development of rheumatoid arthritis. <i>Immunological Reviews</i> , 2020 , 294, 177-183	18.3	37
121	The molecular basis of rheumatoid arthritis. <i>Journal of Molecular Medicine</i> , 1997 , 75, 772-85	5.5	37
120	The glycolytic enzyme PFKFB3/phosphofructokinase regulates autophagy. <i>Autophagy</i> , 2014 , 10, 382-3	10.2	36
119	Regulation of miR-181a expression in T cell aging. <i>Nature Communications</i> , 2018 , 9, 3060	17.4	35
118	The immunoinhibitory PD-1/PD-L1 pathway in inflammatory blood vessel disease. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 565-575	6.5	35
117	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 1285-1298	9.7	35
116	DNA damage, metabolism and aging in pro-inflammatory T cells: Rheumatoid arthritis as a model system. <i>Experimental Gerontology</i> , 2018 , 105, 118-127	4.5	35
115	Age-dependent signature of metallothionein expression in primary CD4 T cell responses is due to sustained zinc signaling. <i>Rejuvenation Research</i> , 2008 , 11, 1001-11	2.6	34
114	Giant Cell Arteritis: From Pathogenesis to Therapeutic Management. <i>Current Treatment Options in Rheumatology</i> , 2016 , 2, 126-137	1.3	33
113	Epigenetics of T cell aging. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 691-699	6.5	32
112	Age-Associated Failure To Adjust Type I IFN Receptor Signaling Thresholds after T Cell Activation. <i>Journal of Immunology</i> , 2015 , 195, 865-74	5.3	31
111	The life cycle of a T cell after vaccination - where does immune ageing strike?. <i>Clinical and Experimental Immunology</i> , 2017 , 187, 71-81	6.2	31
110	Glucose metabolism controls disease-specific signatures of macrophage effector functions. <i>JCI Insight</i> , 2018 , 3,	9.9	31
109	Pro-inflammatory and anti-inflammatory T cells in giant cell arteritis. <i>Joint Bone Spine</i> , 2017 , 84, 421-426	2.9	30
108	Promoter choice and translational repression determine cell type-specific cell surface density of the inhibitory receptor CD85j expressed on different hematopoietic lineages. <i>Blood</i> , 2010 , 115, 3278-86	2.2	30
107	A population biological approach to understanding the maintenance and loss of the T-cell repertoire during aging. <i>Immunology</i> , 2014 , 142, 167-75	7.8	29
106	Structural and functional characterization of HLA-DR molecules circulating in the serum. <i>Autoimmunity</i> , 1991 , 8, 289-96	3	29
105	Redox-sensitive signaling in inflammatory T cells and in autoimmune disease. <i>Free Radical Biology and Medicine</i> , 2018 , 125, 36-43	7.8	28

104	Pathogenesis of Giant Cell Arteritis and Takayasu Arteritis-Similarities and Differences. <i>Current Rheumatology Reports</i> , 2020 , 22, 68	4.9	28
103	Cytokines, growth factors and proteases in medium and large vessel vasculitis. <i>Clinical Immunology</i> , 2019 , 206, 33-41	9	26
102	Systems biology of vaccination in the elderly. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 363, 117-42	3.3	24
101	High-throughput sequencing insights into T-cell receptor repertoire diversity in aging. <i>Genome Medicine</i> , 2015 , 7, 117	14.4	23
100	Cytokines in giant-cell arteritis. <i>Cleveland Clinic Journal of Medicine</i> , 2002 , 69 Suppl 2, SII91-4	2.8	23
99	The repertoire of rheumatoid factor-producing B cells in normal subjects and patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1993 , 36, 1061-9		22
98	Determinants governing T cell receptor β chain pairing in repertoire formation of identical twins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 532-540	11.5	22
97	Defects in Antiviral T Cell Responses Inflicted by Aging-Associated miR-181a Deficiency. <i>Cell Reports</i> , 2019 , 29, 2202-2216.e5	10.6	21
96	T follicular helper cell development and functionality in immune ageing. <i>Clinical Science</i> , 2018 , 132, 1925-1935	6.9	21
95	Soluble HLA-DR molecules in patients with HLA class II versus class I associated disorders. <i>Autoimmunity</i> , 1991 , 8, 281-7	3	20
94	Cellular Signaling Pathways in Medium and Large Vessel Vasculitis. <i>Frontiers in Immunology</i> , 2020 , 11, 587089	8.4	20
93	Vaccination programs for older adults in an era of demographic change. <i>European Geriatric Medicine</i> , 2018 , 9, 289-300	3	19
92	Transcription factor networks in aged naive CD4 T cells bias lineage differentiation. <i>Aging Cell</i> , 2019 , 18, e12957	9.9	19
91	Immune Checkpoint Function of CD85j in CD8 T Cell Differentiation and Aging. <i>Frontiers in Immunology</i> , 2017 , 8, 692	8.4	19
90	Selection of T cell receptor V beta elements by HLA-DR determinants predisposing to rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1992 , 35, 990-8		18
89	CD28 Signaling Controls Metabolic Fitness of Pathogenic T Cells in Medium and Large Vessel Vasculitis. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1811-1823	15.1	17
88	Functional pathways regulated by microRNA networks in CD8 T-cell aging. <i>Aging Cell</i> , 2019 , 18, e12879	9.9	17
87	Finding Balance: T cell Regulatory Receptor Expression during Aging 2011 , 2, 398-413		16

86	Neutrophil Extracellular Traps Induce Tissue-Invasive Monocytes in Granulomatosis With Polyangiitis. <i>Frontiers in Immunology</i> , 2019 , 10, 2617	8.4	15
85	HLA polymorphisms and T cells in rheumatoid arthritis. <i>International Reviews of Immunology</i> , 1999 , 18, 37-59	4.6	15
84	Immune cell repertoires in breast cancer patients after adjuvant chemotherapy. <i>JCI Insight</i> , 2020 , 5,	9.9	14
83	Metabolic reprogramming in memory CD4 T cell responses of old adults. <i>Clinical Immunology</i> , 2019 , 207, 58-67	9	13
82	The metabolic signature of T cells in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2020 , 32, 159-167	5.3	13
81	Hallmarks of the aging T-cell system. <i>FEBS Journal</i> , 2021 ,	5.7	13
80	A facile technology for the high-throughput sequencing of the paired VH:VL and TCR α :TCR β repertoires. <i>Science Advances</i> , 2020 , 6, eaay9093	14.3	12
79	The Transcription Factor TCF1 in T Cell Differentiation and Aging. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
78	Arachidonic acid-regulated calcium signaling in T cells from patients with rheumatoid arthritis promotes synovial inflammation. <i>Nature Communications</i> , 2021 , 12, 907	17.4	12
77	FOXO1 deficiency impairs proteostasis in aged T cells. <i>Science Advances</i> , 2020 , 6, eaba1808	14.3	11
76	Targets of immune regeneration in rheumatoid arthritis. <i>Mayo Clinic Proceedings</i> , 2014 , 89, 563-75	6.4	11
75	Succinyl-CoA Ligase Deficiency in Pro-inflammatory and Tissue-Invasive T Cells. <i>Cell Metabolism</i> , 2020 , 32, 967-980.e5	24.6	11
74	NOTCH-induced rerouting of endosomal trafficking disables regulatory T cells in vasculitis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	11
73	Metabolic Fitness of T Cells in Autoimmune Disease. <i>Immunometabolism</i> , 2020 , 2,	4.1	10
72	Distinct Age-Related Epigenetic Signatures in CD4 and CD8 T Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 585168	8.4	10
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