

Cornelia M Weyand

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357
papers

31,446
citations

93
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169
g-index

384
ext. papers

37,684
ext. citations

10
avg, IF

7.34
L-index

#	Paper	IF	Citations
357	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
356	Role of the T cell in the genesis of angiotensin II induced hypertension and vascular dysfunction. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2449-60	16.6	1218
355	Chronic inflammation in the etiology of disease across the life span. <i>Nature Medicine</i> , 2019 , 25, 1822-1832	30.5	830
354	The influence of age on T cell generation and TCR diversity. <i>Journal of Immunology</i> , 2005 , 174, 7446-52	5.3	595
353	Inflammation, immunity, and hypertension. <i>Hypertension</i> , 2011 , 57, 132-40	8.5	565
352	Lymphoid neogenesis in rheumatoid synovitis. <i>Journal of Immunology</i> , 2001 , 167, 1072-80	5.3	534
351	Medium- and large-vessel vasculitis. <i>New England Journal of Medicine</i> , 2003 , 349, 160-9	59.2	522
350	Understanding immunosenescence to improve responses to vaccines. <i>Nature Immunology</i> , 2013 , 14, 428-36	13.1	446
349	Monoclonal T-cell proliferation and plaque instability in acute coronary syndromes. <i>Circulation</i> , 2000 , 101, 2883-8	16.7	425
348	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
347	T cell activation in rheumatoid synovium is B cell dependent. <i>Journal of Immunology</i> , 2001 , 167, 4710-8	5.3	388
346	The influence of HLA-DRB1 genes on disease severity in rheumatoid arthritis. <i>Annals of Internal Medicine</i> , 1992 , 117, 801-6	8	346
345	Infliximab for maintenance of glucocorticosteroid-induced remission of giant cell arteritis: a randomized trial. <i>Annals of Internal Medicine</i> , 2007 , 146, 621-30	8	345
344	Value of immunological markers in predicting responsiveness to influenza vaccination in elderly individuals. <i>Journal of Virology</i> , 2001 , 75, 12182-7	6.6	340
343	Perturbation of the T-cell repertoire in patients with unstable angina. <i>Circulation</i> , 1999 , 100, 2135-9	16.7	319
342	T cell subset-specific susceptibility to aging. <i>Clinical Immunology</i> , 2008 , 127, 107-18	9	295
341	Major histocompatibility complex class I-recognizing receptors are disease risk genes in rheumatoid arthritis. <i>Journal of Experimental Medicine</i> , 2001 , 193, 1159-67	16.6	295

340	T-cell-mediated lysis of endothelial cells in acute coronary syndromes. <i>Circulation</i> , 2002 , 105, 570-5	16.7	284
339	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
338	Th17 and Th1 T-cell responses in giant cell arteritis. <i>Circulation</i> , 2010 , 121, 906-15	16.7	266
337	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
336	Immune mechanisms in medium and large-vessel vasculitis. <i>Nature Reviews Rheumatology</i> , 2013 , 9, 731-40	16.7	243
335	Vessel-specific Toll-like receptor profiles in human medium and large arteries. <i>Circulation</i> , 2008 , 118, 1276-84	16.7	242
334	Giant-cell arteritis and polymyalgia rheumatica. <i>Annals of Internal Medicine</i> , 2003 , 139, 505-15	8	239
333	Tissue cytokine patterns in patients with polymyalgia rheumatica and giant cell arteritis. <i>Annals of Internal Medicine</i> , 1994 , 121, 484-91	8	239
332	Clinical practice. Giant-cell arteritis and polymyalgia rheumatica. <i>New England Journal of Medicine</i> , 2014 , 371, 50-7	59.2	229
331	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
330	T cell development and receptor diversity during aging. <i>Current Opinion in Immunology</i> , 2005 , 17, 468-75	7.8	222
329	Treatment of giant cell arteritis: interleukin-6 as a biologic marker of disease activity. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1041-8		220
328	Down-regulation of CD28 expression by TNF-alpha. <i>Journal of Immunology</i> , 2001 , 167, 3231-8	5.3	219
327	Treatment of giant cell arteritis using induction therapy with high-dose glucocorticoids: a double-blind, placebo-controlled, randomized prospective clinical trial. <i>Arthritis and Rheumatism</i> , 2006 , 54, 3310-8		215
326	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
325	Aging and T-cell diversity. <i>Experimental Gerontology</i> , 2007 , 42, 400-6	4.5	196
324	Pathogen-sensing plasmacytoid dendritic cells stimulate cytotoxic T-cell function in the atherosclerotic plaque through interferon-alpha. <i>Circulation</i> , 2006 , 114, 2482-9	16.7	196
323	Naive T cell maintenance and function in human aging. <i>Journal of Immunology</i> , 2015 , 194, 4073-80	5.3	193

322	BlyS and APRIL in rheumatoid arthritis. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3083-92	15.9	192
321	Inhibition and genetic ablation of the B7/CD28 T-cell costimulation axis prevents experimental hypertension. <i>Circulation</i> , 2010 , 122, 2529-37	16.7	189
320	Ectopic germinal center formation in rheumatoid synovitis. <i>Annals of the New York Academy of Sciences</i> , 2003 , 987, 140-9	6.5	186
319	Regulatory T cells and the immune aging process: a mini-review. <i>Gerontology</i> , 2014 , 60, 130-7	5.5	185
318	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
317	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
316	Functional subsets of CD4 T cells in rheumatoid synovitis. <i>Arthritis and Rheumatism</i> , 1998 , 41, 2108-16		180
315	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
314	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
313	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
312	Immune aging and autoimmunity. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 1615-23	10.3	156
311	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
310	Successful and Maladaptive T Cell Aging. <i>Immunity</i> , 2017 , 46, 364-378	32.3	155
309	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
308	Platelet-derived growth factor, intimal hyperplasia, and ischemic complications in giant cell arteritis. <i>Arthritis and Rheumatism</i> , 1998 , 41, 623-33		150
307	HLA-DRB1 alleles in polymyalgia rheumatica, giant cell arteritis, and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1994 , 37, 514-20		150
306	Aldose reductase functions as a detoxification system for lipid peroxidation products in vasculitis. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1007-13	15.9	149
305	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

304	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
303	Clonality and longevity of CD4+CD28null T cells are associated with defects in apoptotic pathways. <i>Journal of Immunology</i> , 2000 , 165, 6301-7	5.3	143
302	Ageing-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
301	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
300	Disease patterns and tissue cytokine profiles in giant cell arteritis. <i>Arthritis and Rheumatism</i> , 1997 , 40, 19-26		141
299	Restoring oxidant signaling suppresses proarthritogenic T cell effector functions in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2016 , 8, 331ra38	17.5	140
298	Homeostatic control of T-cell generation in neonates. <i>Blood</i> , 2003 , 102, 1428-34	2.2	140
297	Induction of hypertension and peripheral inflammation by reduction of extracellular superoxide dismutase in the central nervous system. <i>Hypertension</i> , 2010 , 55, 277-83, 6p following 283	8.5	137
296	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
295	Immunosenescence, autoimmunity, and rheumatoid arthritis. <i>Experimental Gerontology</i> , 2003 , 38, 833-41	4.5	136
294	Ageing 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
293	Ectopic lymphoid organogenesis: a fast track for autoimmunity. <i>American Journal of Pathology</i> , 2001 , 159, 787-93	5.8	130
292	Surgical pathology of noninfectious ascending aortitis: a study of 45 cases with emphasis on an isolated variant. <i>American Journal of Surgical Pathology</i> , 2006 , 30, 1150-8	6.7	129
291	Arterial wall injury in giant cell arteritis. <i>Arthritis and Rheumatism</i> , 1999 , 42, 844-53		128
290	Activation of Human T Cells in Hypertension: Studies of Humanized Mice and Hypertensive Humans. <i>Hypertension</i> , 2016 , 68, 123-32	8.5	126
289	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
288	Immunometabolism in early and late stages of rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2017 , 13, 291-301	8.1	122
287	Therapeutic effects of acetylsalicylic acid in giant cell arteritis. <i>Arthritis and Rheumatism</i> , 2002 , 46, 457-66		119

286	Immune activation caused by vascular oxidation promotes fibrosis and hypertension. <i>Journal of Clinical Investigation</i> , 2016 , 126, 50-67	15.9	116
285	Deficiency of the DNA repair enzyme ATM in rheumatoid arthritis. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1435-49	16.6	115
284	Simvastatin suppresses endotoxin-induced upregulation of toll-like receptors 4 and 2 in vivo. <i>Atherosclerosis</i> , 2006 , 189, 408-13	3.1	115
283	Modulation of CD28 expression with anti-tumor necrosis factor alpha therapy in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2996-3003		113
282	Synergistic proinflammatory effects of the antiviral cytokine interferon-alpha and Toll-like receptor 4 ligands in the atherosclerotic plaque. <i>Circulation</i> , 2007 , 116, 2043-52	16.7	112
281	Cardiorheumatology: cardiac involvement in systemic rheumatic disease. <i>Nature Reviews Cardiology</i> , 2015 , 12, 168-76	14.8	111
280	Regulation of T cell receptor signaling by activation-induced zinc influx. <i>Journal of Experimental Medicine</i> , 2011 , 208, 775-85	16.6	111
279	Epigenomics of human CD8 T cell differentiation and aging. <i>Science Immunology</i> , 2017 , 2,	28	110
278	Dendritic cells in atherosclerotic disease. <i>Clinical Immunology</i> , 2010 , 134, 25-32	9	108
277	Functional profile of activated dendritic cells in unstable atherosclerotic plaque. <i>Basic Research in Cardiology</i> , 2007 , 102, 123-32	11.8	107
276	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
275	De novo expression of killer immunoglobulin-like receptors and signaling proteins regulates the cytotoxic function of CD4 T cells in acute coronary syndromes. <i>Circulation Research</i> , 2003 , 93, 106-13	15.7	106
274	Mechanisms underlying T cell ageing. <i>Nature Reviews Immunology</i> , 2019 , 19, 573-583	36.5	105
273	Blocking the NOTCH pathway inhibits vascular inflammation in large-vessel vasculitis. <i>Circulation</i> , 2011 , 123, 309-18	16.7	101
272	Tissue-destructive macrophages in giant cell arteritis. <i>Circulation Research</i> , 1999 , 84, 1050-8	15.7	101
271	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
270	CD28 loss in senescent CD4+ T cells: reversal by interleukin-12 stimulation. <i>Blood</i> , 2003 , 101, 3543-9	2.2	99
269	Interleukin 12 induces T-cell recruitment into the atherosclerotic plaque. <i>Circulation Research</i> , 2006 , 98, 524-31	15.7	96

268	Central role of thrombospondin-1 in the activation and clonal expansion of inflammatory T cells. <i>Journal of Immunology</i> , 2000 , 164, 2947-54	5.3	96
267	The Repertoire of CD4+ CD28 ^T Cells in Rheumatoid Arthritis. <i>Molecular Medicine</i> , 1996 , 2, 608-618	6.2	95
266	T-cell metabolism in autoimmune disease. <i>Arthritis Research and Therapy</i> , 2015 , 17, 29	5.7	94
265	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
264	T-cell aging in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2014 , 26, 93-100	5.3	93
263	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
262	Giant Cell Vasculitis Is a T Cell-Dependent Disease. <i>Molecular Medicine</i> , 1997 , 3, 530-543	6.2	93
261	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
260	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
259	Production of cytokines and metalloproteinases in rheumatoid synovitis is T cell dependent. <i>Clinical Immunology</i> , 1999 , 90, 65-78	9	90
258	Toll-like receptors 4 and 5 induce distinct types of vasculitis. <i>Circulation Research</i> , 2009 , 104, 488-95	15.7	89
257	Telomeres, immune aging and autoimmunity. <i>Experimental Gerontology</i> , 2006 , 41, 246-51	4.5	88
256	Immunopathways in giant cell arteritis and polymyalgia rheumatica. <i>Autoimmunity Reviews</i> , 2004 , 3, 46-53.6	5.6	88
255	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
254	Influence of immune aging on vaccine responses. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1309-1321	11.5	85
253	NADPH oxidase deficiency underlies dysfunction of aged CD8+ Tregs. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1953-67	15.9	84
252	Developments in the scientific understanding of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2009 , 11, 249	5.7	83
251	Heterogeneity of rheumatoid arthritis: from phenotypes to genotypes. <i>Seminars in Immunopathology</i> , 1998 , 20, 5-22		83

250	Emergence of oligoclonal T cell populations following therapeutic T cell depletion in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1995 , 38, 1242-51		83
249	Molecular fingerprint of interferon-gamma signaling in unstable angina. <i>Circulation</i> , 2001 , 103, 1509-14	16.7	82
248	Metabolic signatures of T-cells and macrophages in rheumatoid arthritis. <i>Current Opinion in Immunology</i> , 2017 , 46, 112-120	7.8	81
247	Macrophages in vascular inflammation--From atherosclerosis to vasculitis. <i>Autoimmunity</i> , 2015 , 48, 139-51		81
246	Inhibitory CD8+ T cells in autoimmune disease. <i>Human Immunology</i> , 2008 , 69, 781-9	2.3	80
245	Defective proliferative capacity and accelerated telomeric loss of hematopoietic progenitor cells in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 990-1000		80
244	The immunology of rheumatoid arthritis. <i>Nature Immunology</i> , 2021 , 22, 10-18	19.1	80
243	Autophagy in autoimmune disease. <i>Journal of Molecular Medicine</i> , 2015 , 93, 707-17	5.5	79
242	T-cell regulation in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 2004 , 16, 212-7	5.3	79
241	Chronic inflammation and aging: DNA damage tips the balance. <i>Current Opinion in Immunology</i> , 2012 , 24, 488-93	7.8	78
240	The glycolytic enzyme PKM2 bridges metabolic and inflammatory dysfunction in coronary artery disease. <i>Journal of Cell Biology</i> , 2016 , 212, 2126OIA43	7.3	78
239	Rejuvenating the immune system in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2009 , 5, 583-8	8.1	77
238	The immunopathology of giant cell arteritis: diagnostic and therapeutic implications. <i>Journal of Neuro-Ophthalmology</i> , 2012 , 32, 259-65	2.6	77
237	T cell costimulation by fractalkine-expressing synoviocytes in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 1392-401		77
236	The janus head of T cell aging - autoimmunity and immunodeficiency. <i>Frontiers in Immunology</i> , 2013 , 4, 131	8.4	75
235	Telomeres and immunological diseases of aging. <i>Gerontology</i> , 2010 , 56, 390-403	5.5	75
234	Thrombospondin 2 functions as an endogenous regulator of angiogenesis and inflammation in rheumatoid arthritis. <i>American Journal of Pathology</i> , 2004 , 165, 2087-98	5.8	74
233	Expression of CD39 on Activated T Cells Impairs their Survival in Older Individuals. <i>Cell Reports</i> , 2016 , 14, 1218-1231	10.6	72

232	Genetic risk factors in inflammatory abdominal aortic aneurysms: polymorphic residue 70 in the HLA-DR B1 gene as a key genetic element. <i>Journal of Vascular Surgery</i> , 1997 , 25, 356-64	3.5	72
231	Unchecked CD70 expression on T cells lowers threshold for T cell activation in rheumatoid arthritis. <i>Journal of Immunology</i> , 2007 , 179, 2609-15	5.3	72
230	Metabolic control of the scaffold protein TKS5 in tissue-invasive, proinflammatory T cells. <i>Nature Immunology</i> , 2017 , 18, 1025-1034	19.1	71
229	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
228	T-cell immunity in acute coronary syndromes. <i>Mayo Clinic Proceedings</i> , 2001 , 76, 1011-20	6.4	70
227	Hypertension and increased endothelial mechanical stretch promote monocyte differentiation and activation: roles of STAT3, interleukin 6 and hydrogen peroxide. <i>Cardiovascular Research</i> , 2018 , 114, 1547-1563	9.9	70
226	Molecular basis for the loss of CD28 expression in senescent T cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 46940-9	5.4	69
225	Visual manifestations in giant cell arteritis: trend over 5 decades in a population-based cohort. <i>Journal of Rheumatology</i> , 2015 , 42, 309-15	4.1	67
224	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
223	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
222	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
221	Vessel wall-embedded dendritic cells induce T-cell autoreactivity and initiate vascular inflammation. <i>Circulation Research</i> , 2008 , 102, 546-53	15.7	64
220	Is hypertension an immunologic disease?. <i>Current Cardiology Reports</i> , 2008 , 10, 464-9	4.2	64
219	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
218	Cell-based immunotherapy with suppressor CD8+ T cells in rheumatoid arthritis. <i>Journal of Immunology</i> , 2005 , 174, 7292-301	5.3	64
217	Vascular dendritic cells in giant cell arteritis. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1062, 195-208	6.5	63
216	Large-Scale and Comprehensive Immune Profiling and Functional Analysis of Normal Human Aging. <i>PLoS ONE</i> , 2015 , 10, e0133627	3.7	61
215	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

214	Synoviocyte-mediated expansion of inflammatory T cells in rheumatoid synovitis is dependent on CD47-thrombospondin 1 interaction. <i>Journal of Immunology</i> , 2003 , 171, 1732-40	5.3	60
213	Immune aging and rheumatoid arthritis. <i>Rheumatic Disease Clinics of North America</i> , 2010 , 36, 297-310	2.4	59
212	Mechanisms underlying the formation of the T cell receptor repertoire in rheumatoid arthritis. <i>Immunity</i> , 1995 , 2, 597-605	32.3	59
211	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
210	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
209	Functional disruption of the CD28 gene transcriptional initiator in senescent T cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 2565-70	5.4	56
208	Telomere dysfunction, autoimmunity and aging 2011 , 2, 524-37		56
207	ERK-dependent T cell receptor threshold calibration in rheumatoid arthritis. <i>Journal of Immunology</i> , 2009 , 183, 8258-67	5.3	55
206	N-myristoyltransferase deficiency impairs activation of kinase AMPK and promotes synovial tissue inflammation. <i>Nature Immunology</i> , 2019 , 20, 313-325	19.1	53
205	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
204	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
203	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
202	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
201	Inflammation and cardiac outcome. <i>Current Opinion in Infectious Diseases</i> , 2011 , 24, 259-64	5.4	51
200	Association of HLA-C3 and smoking with vasculitis in patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2006 , 54, 2776-83		51
199	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
198	Uncoupling of T-cell effector functions by inhibitory killer immunoglobulin-like receptors. <i>Blood</i> , 2006 , 107, 4449-57	2.2	50
197	Lymphocyte generation and population homeostasis throughout life. <i>Seminars in Hematology</i> , 2017 , 54, 33-38	4	49

196	Toll-like receptors in giant cell arteritis. <i>Clinical Immunology</i> , 2005 , 115, 38-46	9	49
195	Giant cell arteritis: immune and vascular aging as disease risk factors. <i>Arthritis Research and Therapy</i> , 2011 , 13, 231	5.7	48
194	Diversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccination. <i>Science Translational Medicine</i> , 2016 , 8, 332ra46	17.5	47
193	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
192	Distinct transcriptional control mechanisms of killer immunoglobulin-like receptors in natural killer (NK) and in T cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 24277-85	5.4	47
191	T-cell-targeted therapies in rheumatoid arthritis. <i>Nature Clinical Practice Rheumatology</i> , 2006 , 2, 201-10		46
190	Inherited and noninherited risk factors in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , 1995 , 7, 206-13	5.3	46
189	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
188	T cell-macrophage interactions and granuloma formation in vasculitis. <i>Frontiers in Immunology</i> , 2014 , 5, 432	8.4	45
187	Tissue trafficking patterns of effector memory CD4+ T cells in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 3839-49		45
186	T-cell responses in rheumatoid arthritis: systemic abnormalities-local disease. <i>Current Opinion in Rheumatology</i> , 1999 , 11, 210-7	5.3	45
185	DNA-dependent protein kinase catalytic subunit mediates T-cell loss in rheumatoid arthritis. <i>EMBO Molecular Medicine</i> , 2010 , 2, 415-27	12	44
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