

# Menno C Van Zelm

## List of Publications by Citations

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151  
papers

5,554  
citations

39  
h-index

70  
g-index

164  
ext. papers

7,232  
ext. citations

7.9  
avg, IF

5.56  
L-index

#	Paper	IF	Citations
151	An antibody-deficiency syndrome due to mutations in the CD19 gene. <i>New England Journal of Medicine</i> , <b>2006</b> , 354, 1901-12	59.2	425
150	CD81 gene defect in humans disrupts CD19 complex formation and leads to antibody deficiency. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1265-74	15.9	281
149	Human memory B cells originate from three distinct germinal center-dependent and -independent maturation pathways. <i>Blood</i> , <b>2011</b> , 118, 2150-8	2.2	265
148	The 3D structure of the immunoglobulin heavy-chain locus: implications for long-range genomic interactions. <i>Cell</i> , <b>2008</b> , 133, 265-79	56.2	229
147	Replication history of B lymphocytes reveals homeostatic proliferation and extensive antigen-induced B cell expansion. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 645-55	16.6	211
146	Review article: short chain fatty acids as potential therapeutic agents in human gastrointestinal and inflammatory disorders. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2018</b> , 48, 15-34	6.1	190
145	Human peripheral blood B-cell compartments: a crossroad in B-cell traffic. <i>Cytometry Part B - Clinical Cytometry</i> , <b>2010</b> , 78 Suppl 1, S47-60	3.4	182
144	Ig gene rearrangement steps are initiated in early human precursor B cell subsets and correlate with specific transcription factor expression. <i>Journal of Immunology</i> , <b>2005</b> , 175, 5912-22	5.3	137
143	Rapid generation of durable B cell memory to SARS-CoV-2 spike and nucleocapsid proteins in COVID-19 and convalescence. <i>Science Immunology</i> , <b>2020</b> , 5,	28	134
142	Estimating human age from T-cell DNA rearrangements. <i>Current Biology</i> , <b>2010</b> , 20, R970-1	6.3	130
141	Chromatin architecture and the generation of antigen receptor diversity. <i>Cell</i> , <b>2009</b> , 138, 435-48	56.2	108
140	Novel mutations in a Japanese patient with CD19 deficiency. <i>Genes and Immunity</i> , <b>2007</b> , 8, 663-70	4.4	101
139	Age-associated distribution of normal B-cell and plasma cell subsets in peripheral blood. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 2208-2219.e16	11.5	94
138	Human Secretory IgM Emerges from Plasma Cells Clonally Related to Gut Memory B Cells and Targets Highly Diverse Commensals. <i>Immunity</i> , <b>2017</b> , 47, 118-134.e8	32.3	91
137	Novel mutations in TNFRSF7/CD27: Clinical, immunologic, and genetic characterization of human CD27 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 703-712.e10	11.5	90
136	Biallelic loss-of-function mutation in NIK causes a primary immunodeficiency with multifaceted aberrant lymphoid immunity. <i>Nature Communications</i> , <b>2014</b> , 5, 5360	17.4	89
135	B-cell replication history and somatic hypermutation status identify distinct pathophysiologic backgrounds in common variable immunodeficiency. <i>Blood</i> , <b>2011</b> , 118, 6814-23	2.2	83

134	CD Nomenclature 2015: Human Leukocyte Differentiation Antigen Workshops as a Driving Force in Immunology. <i>Journal of Immunology</i> , <b>2015</b> , 195, 4555-63	5.3	80
133	Spatial organization and nuclear positioning of murine immunoglobulin loci in developing B cells. <i>Epigenetics and Chromatin</i> , <b>2013</b> , 6,	5.8	78
132	Antibody deficiency in patients with ataxia telangiectasia is caused by disturbed B- and T-cell homeostasis and reduced immune repertoire diversity. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 1367-75.e9	11.5	77
131	The nature of circulating CD27+CD43+ B cells. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 2565-6	16.6	75
130	The activation of the adaptive immune system: cross-talk between antigen-presenting cells, T cells and B cells. <i>Immunology Letters</i> , <b>2014</b> , 162, 103-12	4.1	74
129	Clinical and genetic characteristics of XIAP deficiency in Japan. <i>Journal of Clinical Immunology</i> , <b>2012</b> , 32, 411-20	5.7	74
128	Gross deletions involving IGHM, BTK, or Artemis: a model for genomic lesions mediated by transposable elements. <i>American Journal of Human Genetics</i> , <b>2008</b> , 82, 320-32	11	65
127	Wiskott-Aldrich Syndrome protein deficiency perturbs the homeostasis of B-cell compartment in humans. <i>Journal of Autoimmunity</i> , <b>2014</b> , 50, 42-50	15.5	63
126	Differentiation stage of myeloma plasma cells: biological and clinical significance. <i>Leukemia</i> , <b>2017</b> , 31, 382-392	10.7	63
125	Perigranuloma localization and abnormal maturation of B cells: emerging key players in sarcoidosis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 406-16	10.2	61
124	Circulating Human CD27-IgA+ Memory B Cells Recognize Bacteria with Polyreactive Igs. <i>Journal of Immunology</i> , <b>2015</b> , 195, 1417-26	5.3	60
123	A compendium answering 150 questions on COVID-19 and SARS-CoV-2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2503-2541	9.3	58
122	Human IgE(+) B cells are derived from T cell-dependent and T cell-independent pathways. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 688-697.e6	11.5	56
121	Human CD19 and CD40L deficiencies impair antibody selection and differentially affect somatic hypermutation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 135-44	11.5	52
120	Cell type specific DNA methylation in cord blood: A 450K-reference data set and cell count-based validation of estimated cell type composition. <i>Epigenetics</i> , <b>2016</b> , 11, 690-698	5.7	51
119	Studies into the mechanism of measles-associated immune suppression during a measles outbreak in the Netherlands. <i>Nature Communications</i> , <b>2018</b> , 9, 4944	17.4	51
118	Common variable immunodeficiency and idiopathic primary hypogammaglobulinemia: two different conditions within the same disease spectrum. <i>Haematologica</i> , <b>2013</b> , 98, 1617-23	6.6	49
117	Immunopathogenesis of granulomas in chronic autoinflammatory diseases. <i>Clinical and Translational Immunology</i> , <b>2016</b> , 5, e118	6.8	47

116	Expansion of blood IgG B, T2, and regulatory T cells in patients with IgG-related disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 1831-1843.e10	11.5	45
115	PID comes full circle: applications of V(D)J recombination excision circles in research, diagnostics and newborn screening of primary immunodeficiency disorders. <i>Frontiers in Immunology</i> , <b>2011</b> , 2, 12	8.4	45
114	Systematic evaluation and validation of reference and library selection methods for deconvolution of cord blood DNA methylation data. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 125	7.7	44
113	Differential effects of Cytomegalovirus carriage on the immune phenotype of middle-aged males and females. <i>Scientific Reports</i> , <b>2016</b> , 6, 26892	4.9	41
112	Common variable immunodeficiency classification by quantifying T-cell receptor and immunoglobulin $\mu$ deleting recombination excision circles. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 1437-40.e5	11.5	39
111	IgE-expressing memory B cells and plasmablasts are increased in blood of children with asthma, food allergy, and atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 73, 1331-1336	9.3	38
110	Inferred Allelic Variants of Immunoglobulin Receptor Genes: A System for Their Evaluation, Documentation, and Naming. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 435	8.4	37
109	The forkhead transcription factor FOXP1 represses human plasma cell differentiation. <i>Blood</i> , <b>2015</b> , 126, 2098-109	2.2	36
108	Pre-B cell receptor signaling induces immunoglobulin $\mu$ locus accessibility by functional redistribution of enhancer-mediated chromatin interactions. <i>PLoS Biology</i> , <b>2014</b> , 12, e1001791	9.7	35
107	The EuroFlow PID Orientation Tube for Flow Cytometric Diagnostic Screening of Primary Immunodeficiencies of the Lymphoid System. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 246	8.4	35
106	Defective B-cell memory in patients with Down syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 1346-1353.e9	11.5	34
105	B-cell prolymphocytic leukemia: a specific subgroup of mantle cell lymphoma. <i>Blood</i> , <b>2014</b> , 124, 412-9	2.2	34
104	Immune system development varies according to age, location, and anemia in African children. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	33
103	Epidemic Thunderstorm Asthma Protection with Five-Grass Pollen Tablet Sublingual Immunotherapy: A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 126-128	10.2	32
102	Determinants of Ethnic Differences in Cytomegalovirus, Epstein-Barr Virus, and Herpes Simplex Virus Type 1 Seroprevalence in Childhood. <i>Journal of Pediatrics</i> , <b>2016</b> , 170, 126-34.e1-6	3.6	32
101	Cytomegalovirus- and Epstein-Barr Virus-Induced T-Cell Expansions in Young Children Do Not Impair Naive T-cell Populations or Vaccination Responses: The Generation R Study. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 233-42	7	29
100	An Artemis polymorphic variant reduces Artemis activity and confers cellular radiosensitivity. <i>DNA Repair</i> , <b>2010</b> , 9, 1003-10	4.3	29
99	Vaccines and allergic reactions: The past, the current COVID-19 pandemic, and future perspectives. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 1640-1660	9.3	29

98	B cells take their time: sequential IgG class switching over the course of an immune response?. <i>Immunology and Cell Biology</i> , <b>2014</b> , 92, 645-6	5	28
97	Human IgG2- and IgG4-expressing memory B cells display enhanced molecular and phenotypic signs of maturity and accumulate with age. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 744-752	5	27
96	B-cell maturation and antibody responses in individuals carrying a mutated CD19 allele. <i>Genes and Immunity</i> , <b>2010</b> , 11, 523-30	4.4	27
95	Induction of IgG and IgG B-cell memory following sublingual immunotherapy for ryegrass pollen allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 1121-1132	9.3	27
94	CD21 and CD19 deficiency: Two defects in the same complex leading to different disease modalities. <i>Clinical Immunology</i> , <b>2015</b> , 161, 120-7	9	25
93	Artemis splice defects cause atypical SCID and can be restored in vitro by an antisense oligonucleotide. <i>Genes and Immunity</i> , <b>2011</b> , 12, 434-44	4.4	24
92	IL-7R expression and IL-7 signaling confer a distinct phenotype on developing human B-lineage cells. <i>Blood</i> , <b>2011</b> , 118, 2116-27	2.2	24
91	Antibody deficiency due to a missense mutation in CD19 demonstrates the importance of the conserved tryptophan 41 in immunoglobulin superfamily domain formation. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 1854-63	5.6	24
90	Measles Virus Infection of Human Lymphocyte Subsets Demonstrates High Susceptibility and Permissiveness of both Naive and Memory B Cells. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	23
89	Effects of nongenetic factors on immune cell dynamics in early childhood: The Generation R Study. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1923-1934.e17	11.5	22
88	Nomenclature of CD molecules from the Tenth Human Leucocyte Differentiation Antigen Workshop. <i>Clinical and Translational Immunology</i> , <b>2016</b> , 5, e57	6.8	22
87	B-Cell Dysregulation in Crohn's Disease Is Partially Restored with Infliximab Therapy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160103	3.7	22
86	Delayed Diagnosis and Complications of Predominantly Antibody Deficiencies in a Cohort of Australian Adults. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 694	8.4	21
85	The identification of celiac disease in asymptomatic children: the Generation R Study. <i>Journal of Gastroenterology</i> , <b>2018</b> , 53, 377-386	6.9	20
84	Checkpoints of B cell differentiation: visualizing Ig-centric processes. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1246, 11-25	6.5	20
83	Recent developments and highlights in immune monitoring of allergen immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 2342-2354	9.3	19
82	Predominantly Antibody-Deficient Patients With Non-infectious Complications Have Reduced Naive B, Treg, Th17, and Tfh17 Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2593	8.4	19
81	Associations of Th2, Th17, Treg cells, and IgA memory B cells with atopic disease in children: The Generation R Study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 178-187	9.3	19

80	CD Maps-Dynamic Profiling of CD1-CD100 Surface Expression on Human Leukocyte and Lymphocyte Subsets. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2434	8.4	18
79	A mutation in the human tetraspanin CD81 gene is expressed as a truncated protein but does not enable CD19 maturation and cell surface expression. <i>Journal of Clinical Immunology</i> , <b>2015</b> , 35, 254-63	5.7	17
78	New frontiers of primary antibody deficiencies. <i>Cellular and Molecular Life Sciences</i> , <b>2012</b> , 69, 59-73	10.3	17
77	Alterations in peripheral blood B cell subsets and dynamics of B cell responses during human schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2094	4.8	17
76	Homeostatic and maturation-associated proliferation in the peripheral B-cell compartment. <i>Cell Cycle</i> , <b>2007</b> , 6, 2890-5	4.7	17
75	Dietary Patterns After the Weaning and Lactation Period Are Associated With Celiac Disease Autoimmunity in Children. <i>Gastroenterology</i> , <b>2018</b> , 154, 2087-2096.e7	13.3	16
74	EuroFlow-Based Flowcytometric Diagnostic Screening and Classification of Primary Immunodeficiencies of the Lymphoid System. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1271	8.4	15
73	Impaired memory B-cell development and antibody maturation with a skewing toward IgE in patients with STAT3 hyper-IgE syndrome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 2394-2405	9.3	15
72	Mutations in Bruton's tyrosine kinase impair IgA responses. <i>International Journal of Hematology</i> , <b>2015</b> , 101, 305-13	2.3	14
71	Basal Ca(2+) signaling is particularly increased in mutated chronic lymphocytic leukemia. <i>Leukemia</i> , <b>2015</b> , 29, 321-8	10.7	13
70	Persistent polyclonal B-cell lymphocytosis: extensively proliferated CD27+IgM+IgD+ memory B cells with a distinctive immunophenotype. <i>Leukemia</i> , <b>2014</b> , 28, 1560-4	10.7	13
69	Decreased memory B cells and increased CD8 memory T cells in blood of breastfed children: the generation R study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126019	3.7	13
68	Genetic analysis of contiguous X-chromosome deletion syndrome encompassing the BTK and TIMM8A genes. <i>Journal of Human Genetics</i> , <b>2011</b> , 56, 577-82	4.3	13
67	Differences in Systemic IgA Reactivity and Circulating Th Subsets in Healthy Volunteers With Specific Microbiota Enterotypes. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 341	8.4	12
66	Treatment for moderate to severe atopic dermatitis in alpine and moderate maritime climates differentially affects helper T cells and memory B cells in children. <i>Clinical and Experimental Allergy</i> , <b>2018</b> , 48, 679-690	4.1	12
65	Decreased IL7R $\alpha$ and TdT expression underlie the skewed immunoglobulin repertoire of human B-cell precursors from fetal origin. <i>Scientific Reports</i> , <b>2016</b> , 6, 33924	4.9	12
64	Chronic signs of memory B cell activation in patients with Behçet's disease are partially restored by anti-tumour necrosis factor treatment. <i>Rheumatology</i> , <b>2017</b> , 56, 134-144	3.9	11
63	Increased ID2 levels in adult precursor B cells as compared with children is associated with impaired Ig locus contraction and decreased bone marrow output. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1210-9	5.3	11

62	Herpesvirus Infections and Transglutaminase Type 2 Antibody Positivity in Childhood: The Generation R Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2016</b> , 63, 423-30	2.8	11
61	Quantification of T-Cell and B-Cell Replication History in Aging, Immunodeficiency, and Newborn Screening. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2084	8.4	10
60	The role of vitamin D on circulating memory T cells in children: The Generation R study. <i>Pediatric Allergy and Immunology</i> , <b>2017</b> , 28, 579-587	4.2	10
59	Rapid and lasting generation of B-cell memory to SARS-CoV-2 spike and nucleocapsid proteins in COVID-19 disease and convalescence		10
58	Epidemic thunderstorm asthma susceptibility from sensitization to ryegrass ( <i>Lolium perenne</i> ) pollen and major allergen Lol p 5. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2369-2372	9.3	10
57	Functional Antibody Responses Following Allogeneic Stem Cell Transplantation for Mutant pre-B-ALL in a Patient With X-Linked Agammaglobulinemia. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 895	8.4	9
56	Comel-Netherton syndrome: A local skin barrier defect in the absence of an underlying systemic immunodeficiency. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 1710-1720	9.3	9
55	The Human Thymus Is Enriched for Autoreactive B Cells. <i>Journal of Immunology</i> , <b>2016</b> , 197, 441-8	5.3	9
54	Systemic B-cell abnormalities in patients with atopic dermatitis?. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 317-318	11.5	9
53	Dissection of B-cell development to unravel defects in patients with a primary antibody deficiency. <i>Advances in Experimental Medicine and Biology</i> , <b>2011</b> , 697, 183-96	3.6	9
52	Ethnic differences in coeliac disease autoimmunity in childhood: the Generation R Study. <i>Archives of Disease in Childhood</i> , <b>2017</b> , 102, 529-534	2.2	8
51	T and B Cell Markers in Dried Blood Spots of Neonates with Congenital Cytomegalovirus Infection: B Cell Numbers at Birth Are Associated with Long-Term Outcomes. <i>Journal of Immunology</i> , <b>2017</b> , 198, 102-109	5.3	8
50	Nuclear positioning rather than contraction controls ordered rearrangements of immunoglobulin loci. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 175-86	20.1	8
49	Persistent subclinical immune defects in HIV-1-infected children treated with antiretroviral therapy. <i>Aids</i> , <b>2015</b> , 29, 1745-56	3.5	8
48	Influenza-specific IgG1 memory B-cell numbers increase upon booster vaccination in healthy adults but not in patients with predominantly antibody deficiency. <i>Clinical and Translational Immunology</i> , <b>2020</b> , 9, e1199	6.8	8
47	The association of Epstein-Barr virus infection with CXCR3 B-cell development in multiple sclerosis: impact of immunotherapies. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 626-633	6.1	8
46	Age-Dependent Pre-Vaccination Immunity Affects the Immunogenicity of Varicella Zoster Vaccination in Middle-aged Adults. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 46	8.4	7
45	Transient reduction in IgA and IgG memory B cell numbers in young EBV-seropositive children: the Generation R Study. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 949-956	6.5	7

44	The Rare Anaphylaxis-Associated Fc $\beta$ 1a3 Exhibits Distinct Characteristics From the Canonical Fc $\beta$ 1a1. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1809	8.4	7
43	Deficiencies in the CD19 complex. <i>Clinical Immunology</i> , <b>2018</b> , 195, 82-87	9	6
42	Successful elevation of circulating acetate and propionate by dietary modulation does not alter T-regulatory cell or cytokine profiles in healthy humans: a pilot study. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 2651-2661	5.2	6
41	Decreased Time to Viral Suppression After Implementation of Targeted Testing and Immediate Initiation of Treatment of Acute Human Immunodeficiency Virus Infection Among Men Who Have Sex With Men in Amsterdam. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 1952-1960	11.6	6
40	Beyond monogenetic rare variants: tackling the low rate of genetic diagnoses in predominantly antibody deficiency. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 588-603	15.4	6
39	Molecular diagnostics of primary immunodeficiencies: benefits and future challenges. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 634, 231-41	3.6	6
38	Impaired STAT3-Dependent Upregulation of IL2R $\beta$ in B Cells of a Patient With a STAT1 Gain-of-Function Mutation. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 768	8.4	5
37	Defective formation of IgA memory B cells, Th1 and Th17 cells in symptomatic patients with selective IgA deficiency. <i>Clinical and Translational Immunology</i> , <b>2020</b> , 9, e1130	6.8	5
36	Human CD27+IgM+IgD+ B cells: T-cell or TLR-dependent?. <i>Blood</i> , <b>2012</b> , 120, 4905-6	2.2	5
35	Stereotactic Radiation Therapy Combined With Immunotherapy Against Metastatic Melanoma: Long-Term Results of a Phase 1 Clinical Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2020</b> , 108, 150-156	4	4
34	The influence of Epstein-Barr virus and cytomegalovirus on childhood respiratory health: A population-based prospective cohort study. <i>Clinical and Experimental Allergy</i> , <b>2020</b> , 50, 499-507	4.1	4
33	An Explorative Biomarker Study for Vaccine Responsiveness after a Primary Meningococcal Vaccination in Middle-Aged Adults. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1962	8.4	4
32	Absence of Surface IgD Does Not Impair Naive B Cell Homeostasis or Memory B Cell Formation in Haploinsufficient Humans. <i>Journal of Immunology</i> , <b>2018</b> , 201, 1928-1935	5.3	4
31	Delivery of Acetate to the Peripheral Blood after Consumption of Foods High in Short-Chain Fatty Acids. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000953	5.9	4
30	Generation R birth cohort study shows that specific enamel defects were not associated with elevated serum transglutaminase type 2 antibodies. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2016</b> , 105, e485-91	3.1	3
29	Differences in DNA methylation of white blood cell types at birth and in adulthood reflect postnatal immune maturation and influence accuracy of cell type prediction		3
28	Coordinated IgG2 and IgE responses as a marker of allergen immunotherapy efficacy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> ,	9.3	3
27	Abnormalities in CD57+ cytotoxic T cells and V $\alpha$ 1+ $\gamma$ cells in subclinical celiac disease in childhood are affected by cytomegalovirus. The Generation R Study. <i>Clinical Immunology</i> , <b>2017</b> , 183, 233-239	9	2



26	No Interactive Effects of Sex and Persistent Cytomegalovirus on Immune Phenotypes in Young Children: The Generation R Study. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 883-888	7	1
25	Clinical Spectrum of SCID: The Key is in the Thymus?. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 111	8.4	1
24	Real-time quantitative (RQ-)PCR approach to quantify the contribution of proliferation to B lymphocyte homeostasis. <i>Methods in Molecular Biology</i> , <b>2013</b> , 979, 133-45	1.4	1
23	Standardization of Workflow and Flow Cytometry Panels for Quantitative Expression Profiling of Surface Antigens on Blood Leukocyte Subsets: An HCDM CDMaps Initiative.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 827898	8.4	1
22	Systematic evaluation and validation of reference and library selection methods for deconvolution of cord blood DNA methylation data		1
21	CD81-Dependent Trafficking of CD19: Restoration of CD19 Surface Expression in Human B Cells Harboring A CD81 Mutation. <i>Blood</i> , <b>2012</b> , 120, 1049-1049	2.2	1
20	Increased Th22 cell numbers in a general pediatric population with filaggrin haploinsufficiency: The Generation R Study. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 1360-1368	4.2	1
19	Case Report: Infantile-Onset Fulminant Type 1 Diabetes Mellitus Caused by Novel Compound Heterozygous Variants. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 677572	8.4	1
18	CytoBas: Precision component-resolved diagnostics for allergy using flow cytometric staining of basophils with recombinant allergen tetramers. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 3028-3040	9.3	1
17	Childhood Adiposity Associated With Expanded Effector Memory CD8+ and V $\alpha$ +V $\beta$ + T Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e3923-e3935	5.6	1
16	Is there a pathogenic role for IgE in psoriasis?. <i>British Journal of Dermatology</i> , <b>2016</b> , 175, 16-7	4	1
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