

Menno C Van Zelm

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , 2022 , 13, 827898	8.4	1
150	Associations between T cells and attention problems in the general pediatric population: The Generation R study. <i>JCPP Advances</i> , 2021 , 1, e12038		
149	Increased Th22 cell numbers in a general pediatric population with filaggrin haploinsufficiency: The Generation R Study. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1360-1368	4.2	1
148	Case Report: Infantile-Onset Fulminant Type 1 Diabetes Mellitus Caused by Novel Compound Heterozygous Variants. <i>Frontiers in Immunology</i> , 2021 , 12, 677572	8.4	1
147	Genomics analysis of leukaemia predisposition in X-linked agammaglobulinaemia. <i>British Journal of Haematology</i> , 2021 , 193, 1277-1281	4.5	
146	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> , 2021 , 76, 3028-3040	9.3	1
145	Vaccines and allergic reactions: The past, the current COVID-19 pandemic, and future perspectives. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1640-1660	9.3	29
144	Childhood Adiposity Associated With Expanded Effector Memory CD8+ and V α +V β + T Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3923-e3935	5.6	1
143	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> , 2021 , 72, 1952-1960	11.6	6
142	The association of Epstein-Barr virus infection with CXCR3 B-cell development in multiple sclerosis: impact of immunotherapies. <i>European Journal of Immunology</i> , 2021 , 51, 626-633	6.1	8
141	Beyond monogenetic rare variants: tackling the low rate of genetic diagnoses in predominantly antibody deficiency. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 588-603	15.4	6
140	Immunodeficiencies affecting cellular and humoral immunity 2021 , 9-39		0
139	T cell composition and polygenic multiple sclerosis risk: A population-based study in children. <i>European Journal of Neurology</i> , 2021 , 28, 3731-3741	6	1
138	Advances in allergen-specific immune cell measurements for improved detection of allergic sensitization and immunotherapy responses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 3374-3382	9.3	0
137	Coordinated IgG2 and IgE responses as a marker of allergen immunotherapy efficacy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	3
136	Delivery of Acetate to the Peripheral Blood after Consumption of Foods High in Short-Chain Fatty Acids. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000953	5.9	4
135	Rapid generation of durable B cell memory to SARS-CoV-2 spike and nucleocapsid proteins in COVID-19 and convalescence. <i>Science Immunology</i> , 2020 , 5,	28	134

134	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> , 2020 , 108, 150-156	4	4
133	A compendium answering 150 questions on COVID-19 and SARS-CoV-2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2503-2541	9.3	58
132	The influence of Epstein-Barr virus and cytomegalovirus on childhood respiratory health: A population-based prospective cohort study. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 499-507	4.1	4
131	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> , 2020 , 75, 1710-1720	9.3	9
130	Defective formation of IgA memory B cells, Th1 and Th17 cells in symptomatic patients with selective IgA deficiency. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1130	6.8	5
129	Immune system development varies according to age, location, and anemia in African children. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	33
128	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> , 2020 , 59, 2651-2661	5.2	6
127	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> , 2020 , 75, 1121-1132	9.3	27
126	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> , 2020 , 9, e1199	6.8	8
125	Hyper IgE Syndrome Associated With Warts: A First Case of Deficator of Cytokines 8 Deficiency in the Philippines. <i>Frontiers in Pediatrics</i> , 2020 , 8, 604725	3.4	0
124	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> , 2020 , 75, 178-187	9.3	19
123	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> , 2020 , 75, 2369-2372	9.3	10
122	CD Maps-Dynamic Profiling of CD1-CD100 Surface Expression on Human Leukocyte and Lymphocyte Subsets. <i>Frontiers in Immunology</i> , 2019 , 10, 2434	8.4	18
121	Systematic evaluation and validation of reference and library selection methods for deconvolution of cord blood DNA methylation data. <i>Clinical Epigenetics</i> , 2019 , 11, 125	7.7	44
120	Quantification of T-Cell and B-Cell Replication History in Aging, Immunodeficiency, and Newborn Screening. <i>Frontiers in Immunology</i> , 2019 , 10, 2084	8.4	10
119	EuroFlow-Based Flowcytometric Diagnostic Screening and Classification of Primary Immunodeficiencies of the Lymphoid System. <i>Frontiers in Immunology</i> , 2019 , 10, 1271	8.4	15
118	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> , 2019 , 10, 895	8.4	9
117	Impaired STAT3-Dependent Upregulation of IL2R β in B Cells of a Patient With a STAT1 Gain-of-Function Mutation. <i>Frontiers in Immunology</i> , 2019 , 10, 768	8.4	5

116	Inferred Allelic Variants of Immunoglobulin Receptor Genes: A System for Their Evaluation, Documentation, and Naming. <i>Frontiers in Immunology</i> , 2019 , 10, 435	8.4	37
115	Studying the Replication History of Human B Lymphocytes by Real-Time Quantitative (RQ-)PCR. <i>Methods in Molecular Biology</i> , 2019 , 1956, 127-138	1.4	
114	Differences in Systemic IgA Reactivity and Circulating Th Subsets in Healthy Volunteers With Specific Microbiota Enterotypes. <i>Frontiers in Immunology</i> , 2019 , 10, 341	8.4	12
113	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> , 2019 , 74, 2394-2405	9.3	15
112	Recent developments and highlights in immune monitoring of allergen immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2342-2354	9.3	19
111	The EuroFlow PID Orientation Tube for Flow Cytometric Diagnostic Screening of Primary Immunodeficiencies of the Lymphoid System. <i>Frontiers in Immunology</i> , 2019 , 10, 246	8.4	35
110	CD19 Deficiency due to Genetic Defects in the CD19 and CD81 Genes. <i>Rare Diseases of the Immune System</i> , 2019 , 83-95	0.2	
109	Hematopoiesis and Lymphocyte Development: An Introduction 2019 , 9-21		
108	CD Maps - Dynamic Profiling of CD1 to CD100 Surface Expression on Human Leukocyte and Lymphocyte Subsets. <i>Blood</i> , 2019 , 134, 4878-4878	2.2	
107	Predominantly Antibody-Deficient Patients With Non-infectious Complications Have Reduced Naive B, Treg, Th17, and Tfh17 Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 2593	8.4	19
106	Epidemic Thunderstorm Asthma Protection with Five-Grass Pollen Tablet Sublingual Immunotherapy: A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 126-128	10.2	32
105	Age-associated distribution of normal B-cell and plasma cell subsets in peripheral blood. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 2208-2219.e16	11.5	94
104	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> , 2018 , 48, 679-690	4.1	12
103	Measles Virus Infection of Human Lymphocyte Subsets Demonstrates High Susceptibility and Permissiveness of both Naive and Memory B Cells. <i>Journal of Virology</i> , 2018 , 92,	6.6	23
102	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> , 2018 , 73, 1331-1336	9.3	38
101	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1958-1960.e4	11.5	
100	Review article: short chain fatty acids as potential therapeutic agents in human gastrointestinal and inflammatory disorders. <i>Alimentary Pharmacology and Therapeutics</i> , 2018 , 48, 15-34	6.1	190
99	Dietary Patterns After the Weaning and Lactation Period Are Associated With Celiac Disease Autoimmunity in Children. <i>Gastroenterology</i> , 2018 , 154, 2087-2096.e7	13.3	16

98	The identification of celiac disease in asymptomatic children: the Generation R Study. <i>Journal of Gastroenterology</i> , 2018 , 53, 377-386	6.9	20
97	Expansion of blood IgG B, T2, and regulatory T cells in patients with IgG-related disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1831-1843.e10	11.5	45
96	Deficiencies in the CD19 complex. <i>Clinical Immunology</i> , 2018 , 195, 82-87	9	6
95	Age-Dependent Pre-Vaccination Immunity Affects the Immunogenicity of Varicella Zoster Vaccination in Middle-aged Adults. <i>Frontiers in Immunology</i> , 2018 , 9, 46	8.4	7
94	Delayed Diagnosis and Complications of Predominantly Antibody Deficiencies in a Cohort of Australian Adults. <i>Frontiers in Immunology</i> , 2018 , 9, 694	8.4	21
93	Studies into the mechanism of measles-associated immune suppression during a measles outbreak in the Netherlands. <i>Nature Communications</i> , 2018 , 9, 4944	17.4	51
92	The Rare Anaphylaxis-Associated FcRIIa3 Exhibits Distinct Characteristics From the Canonical FcRIIa1. <i>Frontiers in Immunology</i> , 2018 , 9, 1809	8.4	7
91	Absence of Surface IgD Does Not Impair Naive B Cell Homeostasis or Memory B Cell Formation in Haploinsufficient Humans. <i>Journal of Immunology</i> , 2018 , 201, 1928-1935	5.3	4
90	Ethnic differences in coeliac disease autoimmunity in childhood: the Generation R Study. <i>Archives of Disease in Childhood</i> , 2017 , 102, 529-534	2.2	8
89	Abnormalities in CD57+ cytotoxic T cells and V α + β cells in subclinical celiac disease in childhood are affected by cytomegalovirus. The Generation R Study. <i>Clinical Immunology</i> , 2017 , 183, 233-239	9	2
88	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> , 2017 , 198, 102-109	5.3	8
87	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> , 2017 , 95, 744-752	5	27
86	No Interactive Effects of Sex and Persistent Cytomegalovirus on Immune Phenotypes in Young Children: The Generation R Study. <i>Journal of Infectious Diseases</i> , 2017 , 215, 883-888	7	1
85	Effects of nongenetic factors on immune cell dynamics in early childhood: The Generation R Study. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1923-1934.e17	11.5	22
84	An Explorative Biomarker Study for Vaccine Responsiveness after a Primary Meningococcal Vaccination in Middle-Aged Adults. <i>Frontiers in Immunology</i> , 2017 , 8, 1962	8.4	4
83	The role of vitamin D on circulating memory T cells in children: The Generation R study. <i>Pediatric Allergy and Immunology</i> , 2017 , 28, 579-587	4.2	10
82	Human Secretory IgM Emerges from Plasma Cells Clonally Related to Gut Memory B Cells and Targets Highly Diverse Commensals. <i>Immunity</i> , 2017 , 47, 118-134.e8	32.3	91
81	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> , 2017 , 56, 134-144	3.9	11

80	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> , 2017 , 101, 949-956	6.5	7
79	Differentiation stage of myeloma plasma cells: biological and clinical significance. <i>Leukemia</i> , 2017 , 31, 382-392	10.7	63
78	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> , 2016 , 11, 690-698	5.7	51
77	Decreased IL7R α and TdT expression underlie the skewed immunoglobulin repertoire of human B-cell precursors from fetal origin. <i>Scientific Reports</i> , 2016 , 6, 33924	4.9	12
76	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> , 2016 , 105, e485-91	3.1	3
75	Differential effects of Cytomegalovirus carriage on the immune phenotype of middle-aged males and females. <i>Scientific Reports</i> , 2016 , 6, 26892	4.9	41
74	The Human Thymus Is Enriched for Autoreactive B Cells. <i>Journal of Immunology</i> , 2016 , 197, 441-8	5.3	9
73	Systemic B-cell abnormalities in patients with atopic dermatitis?. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 317-318	11.5	9
72	Nomenclature of CD molecules from the Tenth Human Leucocyte Differentiation Antigen Workshop. <i>Clinical and Translational Immunology</i> , 2016 , 5, e57	6.8	22
71	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> , 2016 , 213, 233-42	7	29
70	Determinants of Ethnic Differences in Cytomegalovirus, Epstein-Barr Virus, and Herpes Simplex Virus Type 1 Seroprevalence in Childhood. <i>Journal of Pediatrics</i> , 2016 , 170, 126-34.e1-6	3.6	32
69	Nuclear positioning rather than contraction controls ordered rearrangements of immunoglobulin loci. <i>Nucleic Acids Research</i> , 2016 , 44, 175-86	20.1	8
68	B-Cell Dysregulation in Crohn's Disease Is Partially Restored with Infliximab Therapy. <i>PLoS ONE</i> , 2016 , 11, e0160103	3.7	22
67	Herpesvirus Infections and Transglutaminase Type 2 Antibody Positivity in Childhood: The Generation R Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016 , 63, 423-30	2.8	11
66	Immunopathogenesis of granulomas in chronic autoinflammatory diseases. <i>Clinical and Translational Immunology</i> , 2016 , 5, e118	6.8	47
65	Is there a pathogenic role for IgE in psoriasis?. <i>British Journal of Dermatology</i> , 2016 , 175, 16-7	4	1
64	Basal Ca(2+) signaling is particularly increased in mutated chronic lymphocytic leukemia. <i>Leukemia</i> , 2015 , 29, 321-8	10.7	13
63	Circulating Human CD27-IgA+ Memory B Cells Recognize Bacteria with Polyreactive Igs. <i>Journal of Immunology</i> , 2015 , 195, 1417-26	5.3	60

62	Novel mutations in TNFRSF7/CD27: Clinical, immunologic, and genetic characterization of human CD27 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 703-712.e10	11.5	90
61	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> , 2015 , 35, 254-63	5.7	17
60	CD Nomenclature 2015: Human Leukocyte Differentiation Antigen Workshops as a Driving Force in Immunology. <i>Journal of Immunology</i> , 2015 , 195, 4555-63	5.3	80
59	The forkhead transcription factor FOXP1 represses human plasma cell differentiation. <i>Blood</i> , 2015 , 126, 2098-109	2.2	36
58	Persistent subclinical immune defects in HIV-1-infected children treated with antiretroviral therapy. <i>Aids</i> , 2015 , 29, 1745-56	3.5	8
57	Decreased memory B cells and increased CD8 memory T cells in blood of breastfed children: the generation R study. <i>PLoS ONE</i> , 2015 , 10, e0126019	3.7	13
56	CD21 and CD19 deficiency: Two defects in the same complex leading to different disease modalities. <i>Clinical Immunology</i> , 2015 , 161, 120-7	9	25
55	Mutations in Bruton's tyrosine kinase impair IgA responses. <i>International Journal of Hematology</i> , 2015 , 101, 305-13	2.3	14
54	Human CD19 and CD40L deficiencies impair antibody selection and differentially affect somatic hypermutation. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 135-44	11.5	52
53	Biallelic loss-of-function mutation in NIK causes a primary immunodeficiency with multifaceted aberrant lymphoid immunity. <i>Nature Communications</i> , 2014 , 5, 5360	17.4	89
52	Persistent polyclonal B-cell lymphocytosis: extensively proliferated CD27+IgM+IgD+ memory B cells with a distinctive immunophenotype. <i>Leukemia</i> , 2014 , 28, 1560-4	10.7	13
51	Human IgE(+) B cells are derived from T cell-dependent and T cell-independent pathways. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 688-697.e6	11.5	56
50	Wiskott-Aldrich Syndrome protein deficiency perturbs the homeostasis of B-cell compartment in humans. <i>Journal of Autoimmunity</i> , 2014 , 50, 42-50	15.5	63
49	B cells take their time: sequential IgG class switching over the course of an immune response?. <i>Immunology and Cell Biology</i> , 2014 , 92, 645-6	5	28
48	Clinical Spectrum of SCID: The Key is in the Thymus?. <i>Frontiers in Immunology</i> , 2014 , 5, 111	8.4	1
47	Pre-B cell receptor signaling induces immunoglobulin λ locus accessibility by functional redistribution of enhancer-mediated chromatin interactions. <i>PLoS Biology</i> , 2014 , 12, e1001791	9.7	35
46	The activation of the adaptive immune system: cross-talk between antigen-presenting cells, T cells and B cells. <i>Immunology Letters</i> , 2014 , 162, 103-12	4.1	74
45	Defective B-cell memory in patients with Down syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1346-1353.e9	11.5	34

44	B-cell prolymphocytic leukemia: a specific subgroup of mantle cell lymphoma. <i>Blood</i> , 2014 , 124, 412-9	2.2	34
43	Spatial organization and nuclear positioning of murine immunoglobulin loci in developing B cells. <i>Epigenetics and Chromatin</i> , 2013 , 6,	5.8	78
42	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> , 2013 , 131, 1367-75.e9	11.5	77
41	Common variable immunodeficiency classification by quantifying T-cell receptor and immunoglobulin E-deleting recombination excision circles. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 1437-40.e5	11.5	39
40	Real-time quantitative (RQ-)PCR approach to quantify the contribution of proliferation to B lymphocyte homeostasis. <i>Methods in Molecular Biology</i> , 2013 , 979, 133-45	1.4	1
39	Studying the replication history of human B lymphocytes by real-time quantitative (RQ)-PCR. <i>Methods in Molecular Biology</i> , 2013 , 971, 113-22	1.4	
38	Perigranuloma localization and abnormal maturation of B cells: emerging key players in sarcoidosis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 406-16	10.2	61
37	Alterations in peripheral blood B cell subsets and dynamics of B cell responses during human schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2094	4.8	17
36	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> , 2013 , 191, 1210-9	5.3	11
35	Common variable immunodeficiency and idiopathic primary hypogammaglobulinemia: two different conditions within the same disease spectrum. <i>Haematologica</i> , 2013 , 98, 1617-23	6.6	49
34	New frontiers of primary antibody deficiencies. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 59-73	10.3	17
33	Clinical and genetic characteristics of XIAP deficiency in Japan. <i>Journal of Clinical Immunology</i> , 2012 , 32, 411-20	5.7	74
32	Human CD27+IgM+IgD+ B cells: T-cell or TLR-dependent?. <i>Blood</i> , 2012 , 120, 4905-6	2.2	5
31	CD81-Dependent Trafficking of CD19: Restoration of CD19 Surface Expression in Human B Cells Harboring A CD81 Mutation. <i>Blood</i> , 2012 , 120, 1049-1049	2.2	1
30	A1 Hematopoiesis and lymphocyte development: An introduction 2011 , 3-14		
29	Artemis splice defects cause atypical SCID and can be restored in vitro by an antisense oligonucleotide. <i>Genes and Immunity</i> , 2011 , 12, 434-44	4.4	24
28	IL-7R expression and IL-7 signaling confer a distinct phenotype on developing human B-lineage cells. <i>Blood</i> , 2011 , 118, 2116-27	2.2	24
27	Human memory B cells originate from three distinct germinal center-dependent and -independent maturation pathways. <i>Blood</i> , 2011 , 118, 2150-8	2.2	265

26	Checkpoints of B cell differentiation: visualizing Ig-centric processes. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1246, 11-25	6.5	20
25	Dissection of B-cell development to unravel defects in patients with a primary antibody deficiency. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 697, 183-96	3.6	9
24	B-cell replication history and somatic hypermutation status identify distinct pathophysiologic backgrounds in common variable immunodeficiency. <i>Blood</i> , 2011 , 118, 6814-23	2.2	83
23	Genetic analysis of contiguous X-chromosome deletion syndrome encompassing the BTK and TIMM8A genes. <i>Journal of Human Genetics</i> , 2011 , 56, 577-82	4.3	13
22	The nature of circulating CD27+CD43+ B cells. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2565-6	16.6	75
21	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> , 2011 , 2, 12	8.4	45
20	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> , 2011 , 20, 1854-63	5.6	24
19	B-cell maturation and antibody responses in individuals carrying a mutated CD19 allele. <i>Genes and Immunity</i> , 2010 , 11, 523-30	4.4	27
18	Estimating human age from T-cell DNA rearrangements. <i>Current Biology</i> , 2010 , 20, R970-1	6.3	130
17	An Artemis polymorphic variant reduces Artemis activity and confers cellular radiosensitivity. <i>DNA Repair</i> , 2010 , 9, 1003-10	4.3	29
16	Human peripheral blood B-cell compartments: a crossroad in B-cell traffic. <i>Cytometry Part B - Clinical Cytometry</i> , 2010 , 78 Suppl 1, S47-60	3.4	182
15	CD81 gene defect in humans disrupts CD19 complex formation and leads to antibody deficiency. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1265-74	15.9	281
14	Chromatin architecture and the generation of antigen receptor diversity. <i>Cell</i> , 2009 , 138, 435-48	56.2	108
13	Molecular diagnostics of primary immunodeficiencies: benefits and future challenges. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 634, 231-41	3.6	6
12	The 3D structure of the immunoglobulin heavy-chain locus: implications for long-range genomic interactions. <i>Cell</i> , 2008 , 133, 265-79	56.2	229
11	Gross deletions involving IGHM, BTK, or Artemis: a model for genomic lesions mediated by transposable elements. <i>American Journal of Human Genetics</i> , 2008 , 82, 320-32	11	65
10	Antibody-Deficiency and Acute Nephritic Syndrome in a Patient with Homozygous Disruption of the CD81 Gene. <i>Blood</i> , 2008 , 112, 83-83	2.2	
9	Novel mutations in a Japanese patient with CD19 deficiency. <i>Genes and Immunity</i> , 2007 , 8, 663-70	4.4	101

8	Replication history of B lymphocytes reveals homeostatic proliferation and extensive antigen-induced B cell expansion. <i>Journal of Experimental Medicine</i> , 2007 , 204, 645-55	16.6	211
7	Homeostatic and maturation-associated proliferation in the peripheral B-cell compartment. <i>Cell Cycle</i> , 2007 , 6, 2890-5	4.7	17
6	An antibody-deficiency syndrome due to mutations in the CD19 gene. <i>New England Journal of Medicine</i> , 2006 , 354, 1901-12	59.2	425
5	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> , 2005 , 175, 5912-22	5.3	137
4	Terminal Deoxynucleotidyl Transferase (TdT)1-9		
3	Rapid and lasting generation of B-cell memory to SARS-CoV-2 spike and nucleocapsid proteins in COVID-19 disease and convalescence		10
2	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
1	Systematic evaluation and validation of reference and library selection methods for deconvolution of cord blood DNA methylation data		1