Mirjam van der Burg

List of Publications by Year
in descending order

208	10,475	28274	42399
papers	citations	55 h-index	92 g-index

213	213	213	12322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Antibody-Deficiency Syndrome Due to Mutations in theCD19Gene. New England Journal of Medicine, 2006, 354, 1901-1912.	27.0	517
2	Targeted genome editing in human repopulating haematopoietic stem cells. Nature, 2014, 510, 235-240.	27.8	517
3	CD81 gene defect in humans disrupts CD19 complex formation and leads to antibody deficiency. Journal of Clinical Investigation, 2010, 120, 1265-1274.	8.2	345
4	Circulating CD21^{low}B cells in common variable immunodeficiency resemble tissue homing, innate-like B cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13451-13456.	7.1	308
5	Replication history of B lymphocytes reveals homeostatic proliferation and extensive antigen-induced B cell expansion. Journal of Experimental Medicine, 2007, 204, 645-655.	8.5	279
6	The human syndrome of dendritic cell, monocyte, B and NK lymphoid deficiency. Journal of Experimental Medicine, 2011, 208, 227-234.	8.5	277
7	Human ICOS deficiency abrogates the germinal center reaction and provides a monogenic model for common variable immunodeficiency. Blood, 2006, 107, 3045-3052.	1.4	254
8	A DNA-PKcs mutation in a radiosensitive Tâ€“Bâ€“ SCID patient inhibits Artemis activation and nonhomologous end-joining. Journal of Clinical Investigation, 2009, 119, 91-8.	8.2	220
9	Heteroduplex PCR analysis of rearranged T cell receptor genes for clonality assessment in suspect T cell proliferations. Leukemia, 1997, 11, 2192-2199.	7.2	196
10	Role of truncating mutations in MME gene in fetomaternal alloimmunisation and antenatal glomerulopathies. Lancet, The, 2004, 364, 1252-1259.	13.7	194
11	A new type of radiosensitive T-B-NK+ severe combined immunodeficiency caused by a LIG4 mutation. Journal of Clinical Investigation, 2005, 116, 137-145.	8.2	160
12	Ig Gene Rearrangement Steps Are Initiated in Early Human Precursor B Cell Subsets and Correlate with Specific Transcription Factor Expression. Journal of Immunology, 2005, 175, 5912-5922.	0.8	158
13	Mutations in ZBTB24 Are Associated with Immunodeficiency, Centromeric Instability, and Facial Anomalies Syndrome Type 2. American Journal of Human Genetics, 2011, 88, 796-804.	6.2	158
14	Comparative analysis of Ig and TCR gene rearrangements at diagnosis and at relapse of childhood precursor-Bâ€“ALL provides improved strategies for selection of stable PCR targets for monitoring of minimal residual disease. Blood, 2002, 99, 2315-2323.	1.4	155
15	Targeted next-generation sequencing: AÂnovel diagnostic tool for primary immunodeficiencies. Journal of Allergy and Clinical Immunology, 2014, 133, 529-534.e1.	2.9	143
16	TREC Based Newborn Screening for Severe Combined Immunodeficiency Disease: A Systematic Review. Journal of Clinical Immunology, 2015, 35, 416-430.	3.8	140
17	Non-homologous end-joining, a sticky affair. Oncogene, 2007, 26, 7731-7740.	5.9	138
18	Educational paper. European Journal of Pediatrics, 2011, 170, 561-571.	2.7	125

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19	Heterogeneous clinical presentation in ICF syndrome: correlation with underlying gene defects. European Journal of Human Genetics, 2013, 21, 1219-1225.	2.8	115
20	B-cell replication history and somatic hypermutation status identify distinct pathophysiologic backgrounds in common variable immunodeficiency. Blood, 2011, 118, 6814-6823.	1.4	112
21	Novel mutations in TNFRSF7/CD27: Clinical, immunologic, and genetic characterization of human CD27 deficiency. Journal of Allergy and Clinical Immunology, 2015, 136, 703-712.e10.	2.9	109
22	The TH1 phenotype of follicular helper T cells indicates an IFN-Î³â€“associated immune dysregulation in patients with CD21low common variable immunodeficiency. Journal of Allergy and Clinical Immunology, 2018, 141, 730-740.	2.9	109
23	Idiopathic CD4+ T lymphopenia without autoimmunity or granulomatous disease in the slipstream of RAG mutations. Blood, 2011, 117, 5892-5896.	1.4	107
24	Antibody deficiency in patients with ataxia telangiectasia is caused by disturbed B- and T-cell homeostasis and reduced immune repertoire diversity. Journal of Allergy and Clinical Immunology, 2013, 131, 1367-1375.e9.	2.9	107
25	Clinical heterogeneity can hamper the diagnosis of patients with ZAP70 deficiency. European Journal of Pediatrics, 2009, 168, 87-93.	2.7	103
26	The EuroFlow PID Orientation Tube for Flow Cytometric Diagnostic Screening of Primary Immunodeficiencies of the Lymphoid System. Frontiers in Immunology, 2019, 10, 246.	4.8	100
27	Adaptive antibody diversification through N -linked glycosylation of the immunoglobulin variable region. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1901-1906.	7.1	98
28	Anti-TNF treatment blocks the induction of T cell-dependent humoral responses. Annals of the Rheumatic Diseases, 2013, 72, 1037-1043.	0.9	94
29	Radiosensitive SCID patients with Artemis gene mutations show a complete B-cell differentiation arrest at the pre-B-cell receptor checkpoint in bone marrow. Blood, 2003, 101, 1446-1452.	1.4	93
30	New Insights and Unresolved Issues Regarding Insertional Mutagenesis in X-linked SCID Gene Therapy. Molecular Therapy, 2007, 15, 1910-1916.	8.2	92
31	An essential role for the Zn2+ transporter ZIP7 in B cell development. Nature Immunology, 2019, 20, 350-361.	14.5	92
32	Changes in Healthy Human IgG Fc-Glycosylation after Birth and during Early Childhood. Journal of Proteome Research, 2016, 15, 1853-1861.	3.7	91
33	PRKDC mutations associated with immunodeficiency, granuloma, and autoimmune regulatorâ€“dependent autoimmunity. Journal of Allergy and Clinical Immunology, 2015, 135, 1578-1588.e5.	2.9	84
34	The EuroChimerism concept for a standardized approach to chimerism analysis after allogeneic stem cell transplantation. Leukemia, 2012, 26, 1821-1828.	7.2	83
35	Universal Newborn Screening for Severe Combined Immunodeficiency (SCID). Frontiers in Pediatrics, 2019, 7, 373.	1.9	82
36	The expansion of human T-bet ^{high} CD21 ^{low} B cells is T cell dependent. Science Immunology, 2021, 6, eabh0891.	11.9	82

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37	Genetic defects in PI3KÎ´ affect B-cell differentiation and maturation leading to hypogammaglobulineamia and recurrent infections. Clinical Immunology, 2017, 176, 77-86.	3.2	80
38	Human IgE+ B cells are derived from T cellâ€“dependent and T cellâ€“independent pathways. Journal of Allergy and Clinical Immunology, 2014, 134, 688-697.e6.	2.9	79
39	Gross Deletions Involving IGHM, BTK, or Artemis: A Model for Genomic Lesions Mediated by Transposable Elements. American Journal of Human Genetics, 2008, 82, 320-332.	6.2	77
40	DNA microarrays for comparison of gene expression profiles between diagnosis and relapse in precursor-B acute lymphoblastic leukemia: choice of technique and purification influence the identification of potential diagnostic markers. Leukemia, 2003, 17, 1324-1332.	7.2	74
41	Split-signal FISH for detection of chromosome aberrations in acute lymphoblastic leukemia. Leukemia, 2004, 18, 895-908.	7.2	73
42	Ageâ€matched Reference Values for Bâ€lymphocyte Subpopulations and CVID Classifications in Children. Scandinavian Journal of Immunology, 2011, 74, 502-510.	2.7	72
43	Wiskottâ€“Aldrich Syndrome protein deficiency perturbs the homeostasis of B-cell compartment in humans. Journal of Autoimmunity, 2014, 50, 42-50.	6.5	72
44	Human CD19 and CD40L deficiencies impair antibody selection and differentially affect somatic hypermutation. Journal of Allergy and Clinical Immunology, 2014, 134, 135-144.e7.	2.9	71
45	Similar recombination-activating gene (RAG) mutations result in similar immunobiological effects but in different clinical phenotypes. Journal of Allergy and Clinical Immunology, 2014, 133, 1124-1133.e1.	2.9	71
46	Mutations in the NHEJ Component XRCC4 Cause Primordial Dwarfism. American Journal of Human Genetics, 2015, 96, 412-424.	6.2	71
47	Common variable immunodeficiency and idiopathic primary hypogammaglobulinemia: two different conditions within the same disease spectrum. Haematologica, 2013, 98, 1617-1623.	3.5	67
48	Homeostatic expansion of autoreactive immunoglobulin-secreting cells in the Rag2 mouse model of Omenn syndrome. Journal of Experimental Medicine, 2010, 207, 1525-1540.	8.5	66
49	Ordered recombination of immunoglobulin light chain genes occurs at the IGK locus but seems less strict at theIGL locus. Blood, 2001, 97, 1001-1008.	1.4	65
50	Diagnosing mycobacterial lymphadenitis in children using fine needle aspiration biopsy: Cytomorphology, ZN staining and autofluorescenceâ€”Making more of less. Diagnostic Cytopathology, 2008, 36, 245-251.	1.0	65
51	Primary Immune Deficiency Treatment Consortium (PIDTC) report. Journal of Allergy and Clinical Immunology, 2014, 133, 335-347.e11.	2.9	65
52	Mutations affecting the actin regulator WD repeatâ€“containing protein 1 lead to aberrant lymphoid immunity. Journal of Allergy and Clinical Immunology, 2018, 142, 1589-1604.e11.	2.9	64
53	Functional analysis of naturally occurring DCLRE1C mutations and correlation with the clinical phenotype of ARTEMIS deficiency. Journal of Allergy and Clinical Immunology, 2015, 136, 140-150.e7.	2.9	63
54	PID Comes Full Circle: Applications of V(D)J Recombination Excision Circles in Research, Diagnostics and Newborn Screening of Primary Immunodeficiency Disorders. Frontiers in Immunology, 2011, 2, 12.	4.8	62

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55	Human syndromes of immunodeficiency and dysregulation are characterized by distinct defects in T-cell receptor repertoire development. Journal of Allergy and Clinical Immunology, 2014, 133, 1109-1115.e14.	2.9	62
56	DNA-PKcs deficiency in human: long predicted, finally found. Current Opinion in Allergy and Clinical Immunology, 2009, 9, 503-509.	2.3	58
57	Defects in memory B-cell and plasma cell subsets expressing different immunoglobulin-subclasses in patients with CVID and immunoglobulin subclass deficiencies. Journal of Allergy and Clinical Immunology, 2019, 144, 809-824.	2.9	55
58	Autoimmune Lymphoproliferative Syndrome (ALPS) in a Child from Consanguineous Parents: A Dominant or Recessive Disease?. Pediatric Research, 2000, 47, 336-343.	2.3	55
59	Defective B-cell memory in patients with Down syndrome. Journal of Allergy and Clinical Immunology, 2014, 134, 1346-1353.e9.	2.9	53
60	Evaluation of the Antigen-Experienced B-Cell Receptor Repertoire in Healthy Children and Adults. Frontiers in Immunology, 2016, 7, 410.	4.8	53
61	Rapid and sensitive detection of all types of MLL gene translocations with a single FISH probe set. Leukemia, 1999, 13, 2107-2113.	7.2	52
62	Educational paper. European Journal of Pediatrics, 2011, 170, 693-702.	2.7	52
63	Increased PI3K/Akt activity and deregulated humoral immune response in human PTEN deficiency. Journal of Allergy and Clinical Immunology, 2016, 138, 1744-1747.e5.	2.9	52
64	Antigen Receptor Galaxy: A User-Friendly, Web-Based Tool for Analysis and Visualization of T and B Cell Receptor Repertoire Data. Journal of Immunology, 2017, 198, 4156-4165.	0.8	52
65	Exhaustion of the CD8+ T Cell Compartment in Patients with Mutations in Phosphoinositide 3-Kinase Delta. Frontiers in Immunology, 2018, 9, 446.	4.8	52
66	Genetic and demographic features of X-linked agammaglobulinemia in Eastern and Central Europe: A cohort study. Molecular Immunology, 2009, 46, 2140-2146.	2.2	50
67	Wiskott-Aldrich syndrome proteinâ€“mediated actin dynamics control type-I interferon production in plasmacytoid dendritic cells. Journal of Experimental Medicine, 2013, 210, 355-374.	8.5	49
68	Human IgG2â€•and IgG4â€expressing memory B cells display enhanced molecular and phenotypic signs of maturity and accumulate with age. Immunology and Cell Biology, 2017, 95, 744-752.	2.3	49
69	A reversion of an IL2RG mutation in combined immunodeficiency providing competitive advantage to the majority of CD8+ T cells. Haematologica, 2013, 98, 1030-1038.	3.5	48
70	TACI mutations and disease susceptibility in patients with common variable immunodeficiency. Clinical and Experimental Immunology, 2009, 156, 35-39.	2.6	46
71	Decreased somatic hypermutation induces an impaired peripheral B cell tolerance checkpoint. Journal of Clinical Investigation, 2016, 126, 4289-4302.	8.2	46
72	Allogeneic stem cell transplantation in X-linked lymphoproliferative disease: two cases in one family and review of the literature. Bone Marrow Transplantation, 2005, 36, 99-105.	2.4	43

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73	EuroFlow-Based Flowcytometric Diagnostic Screening and Classification of Primary Immunodeficiencies of the Lymphoid System. Frontiers in Immunology, 2019, 10, 1271.	4.8	43
74	CD21 and CD19 deficiency: Two defects in the same complex leading to different disease modalities. Clinical Immunology, 2015, 161, 120-127.	3.2	42
75	Involvement of Artemis in nonhomologous end-joining during immunoglobulin class switch recombination. Journal of Experimental Medicine, 2008, 205, 3031-3040.	8.5	41
76	B-cell reconstitution after lentiviral vectorâ€“mediated gene therapy in patients with Wiskott-Aldrich syndrome. Journal of Allergy and Clinical Immunology, 2015, 136, 692-702.e2.	2.9	41
77	An evaluation of the TREC assay with regard to the integration of SCID screening into the Dutch newborn screening program. Clinical Immunology, 2017, 180, 106-110.	3.2	41
78	Polymerase Î´ deficiency causes syndromic immunodeficiency with replicative stress. Journal of Clinical Investigation, 2019, 129, 4194-4206.	8.2	41
79	Standardization of DNA isolation from low cell numbers for chimerism analysis by PCR of short tandem repeats. Leukemia, 2011, 25, 1467-1470.	7.2	40
80	A kindred with mutant IKAROS and autoimmunity. Journal of Allergy and Clinical Immunology, 2018, 142, 699-702.e12.	2.9	39
81	Recombination activity of human recombination-activating gene 2 (RAG2) mutations and correlation with clinical phenotype. Journal of Allergy and Clinical Immunology, 2019, 143, 726-735.	2.9	39
82	Identification of CVID Patients With Defects in Immune Repertoire Formation or Specification. Frontiers in Immunology, 2018, 9, 2545.	4.8	38
83	Defective Artemis nuclease is characterized by coding joints with microhomology in long palindromicâ€nucleotide stretches. European Journal of Immunology, 2007, 37, 3522-3528.	2.9	37
84	Loss of juxtaposition of RAG-induced immunoglobulin DNA ends is implicated in the precursor B-cell differentiation defect in NBS patients. Blood, 2010, 115, 4770-4777.	1.4	37
85	Successful Preclinical Development of Gene Therapy for Recombinase-Activating Gene-1-Deficient SCID. Molecular Therapy - Methods and Clinical Development, 2020, 17, 666-682.	4.1	37
86	B Cell Reconstitution and Influencing Factors After Hematopoietic Stem Cell Transplantation in Children. Frontiers in Immunology, 2019, 10, 782.	4.8	36
87	Genetic characteristics of eighty-seven patients with the Wiskottâ€“Aldrich syndrome. Molecular Immunology, 2011, 48, 788-792.	2.2	35
88	B-cell maturation and antibody responses in individuals carrying a mutated CD19 allele. Genes and Immunity, 2010, 11, 523-530.	4.1	34
89	Clinical Spectrum of LIG 4 Deficiency Is Broadened with Severe Dysmaturity, Primordial Dwarfism, and Neurological Abnormalities. Human Mutation, 2013, 34, 1611-1614.	2.5	34
90	Differential role of nonhomologous end joining factors in the generation, DNA damage response, and myeloid differentiation of human induced pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8889-8894.	7.1	34

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91	XLF deficiency results in reduced N-nucleotide addition during V(D)J recombination. Blood, 2016, 128, 650-659.	1.4	33
92	Antibody deficiency due to a missense mutation in CD19 demonstrates the importance of the conserved tryptophan 41 in immunoglobulin superfamily domain formation. Human Molecular Genetics, 2011, 20, 1854-1863.	2.9	31
93	A novel mutation in TAP1 gene leading to MHC class I deficiency: Report of two cases and review of the literature. Clinical Immunology, 2017, 178, 74-78.	3.2	31
94	ImmunoGlobulin galaxy (IGGalaxy) for simple determination and quantitation of immunoglobulin heavy chain rearrangements from NGS. BMC Immunology, 2014, 15, 59.	2.2	30
95	B-cell development and functions and therapeutic options in adenosine deaminaseâ€“deficient patients. Journal of Allergy and Clinical Immunology, 2014, 133, 799-806.e10.	2.9	30
96	DNA-PKcs Is Involved in Ig Class Switch Recombination in Human B Cells. Journal of Immunology, 2015, 195, 5608-5615.	0.8	30
97	Introducing Newborn Screening for Severe Combined Immunodeficiency (SCID) in the Dutch Neonatal Screening Program. International Journal of Neonatal Screening, 2018, 4, 40.	3.2	30
98	Optimization and testing of dried antibody tube: The EuroFlow LST and PIDOT tubes as examples. Journal of Immunological Methods, 2019, 475, 112287.	1.4	29
99	Artemis splice defects cause atypical SCID and can be restored in vitro by an antisense oligonucleotide. Genes and Immunity, 2011, 12, 434-444.	4.1	27
100	Immune Dysfunction in Children with CHARGE Syndrome: A Cross-Sectional Study. PLoS ONE, 2015, 10, e0142350.	2.5	27
101	Loss of ZBTB24 impairs nonhomologous end-joining and class-switch recombination in patients with ICF syndrome. Journal of Experimental Medicine, 2020, 217, .	8.5	27
102	The defect in humoral immunity in patients with Nijmegen breakage syndrome is explained by defects in peripheral B lymphocyte maturation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 835-842.	1.5	26
103	Identification of checkpoints in human T-cell development using severe combined immunodeficiency stem cells. Journal of Allergy and Clinical Immunology, 2016, 137, 517-526.e3.	2.9	26
104	The 11q Terminal Deletion Disorder Jacobsen Syndrome is a Syndromic Primary Immunodeficiency. Journal of Clinical Immunology, 2015, 35, 761-768.	3.8	25
105	Disturbed B-lymphocyte selection in autoimmune lymphoproliferative syndrome. Blood, 2016, 127, 2193-2202.	1.4	25
106	Public Clonotypes and Convergent Recombination Characterize the NaÃ¯ve CD8+ T-Cell Receptor Repertoire of Extremely Preterm Neonates. Frontiers in Immunology, 2017, 8, 1859.	4.8	25
107	Parentsâ€™ Perspectives and Societal Acceptance of Implementation of Newborn Screening for SCID in the Netherlands. Journal of Clinical Immunology, 2021, 41, 99-108.	3.8	25
108	No Overt Clinical Immunodeficiency Despite Immune Biological Abnormalities in Patients With Constitutional Mismatch Repair Deficiency. Frontiers in Immunology, 2018, 9, 1506.	4.8	24

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109	Checkpoints of B cell differentiation: visualizing Igâ€centric processes. Annals of the New York Academy of Sciences, 2011, 1246, 11-25.	3.8	23
110	Immunoglobulin light chain gene rearrangements display hierarchy in absence of selection for functionality in precursor-B-ALL. Leukemia, 2002, 16, 1448-1453.	7.2	22
111	Two SCID cases with Cernunnosâ€XLF deficiency successfully treated by hematopoietic stem cell transplantation. Pediatric Transplantation, 2012, 16, E167-71.	1.0	22
112	New frontiers of primary antibody deficiencies. Cellular and Molecular Life Sciences, 2012, 69, 59-73.	5.4	22
113	Phenotypical heterogeneity in RAG-deficient patients from a highly consanguineous population. Clinical and Experimental Immunology, 2019, 195, 202-212.	2.6	22
114	ATM: Translating the DNA Damage Response to Adaptive Immunity. Trends in Immunology, 2021, 42, 350-365.	6.8	22
115	Rapid Low-Cost Microarray-Based Genotyping for Genetic Screening in Primary Immunodeficiency. Frontiers in Immunology, 2020, 11, 614.	4.8	21
116	Immunoglobulin lambda isotype gene rearrangements in B cell malignancies. Leukemia, 2001, 15, 121-127.	7.2	20
117	Homeostatic and Maturation-associated Proliferation in the Peripheral B-Cell Compartment. Cell Cycle, 2007, 6, 2890-2895.	2.6	20
118	Applicability of a reproducible flow cytometry scoring system in the diagnosis of refractory cytopenia of childhood. Leukemia, 2013, 27, 1923-1925.	7.2	20
119	<scp>CD3G</scp> Gene Defects in Familial Autoimmune Thyroiditis. Scandinavian Journal of Immunology, 2014, 80, 354-361.	2.7	20
120	Strategies for B-Cell Receptor Repertoire Analysis in Primary Immunodeficiencies: From Severe Combined Immunodeficiency to Common Variable Immunodeficiency. Frontiers in Immunology, 2015, 6, 157.	4.8	20
121	Key stages of bone marrow B-cell maturation are defective in patients with common variable immunodeficiency disorders. Journal of Allergy and Clinical Immunology, 2015, 136, 487-490.e2.	2.9	20
122	Combined immunodeficiencies: twenty years experience from a single center in Turkey. Central-European Journal of Immunology, 2016, 1, 107-115.	1.2	20
123	Decreased IL7RÎ± and TdT expression underlie the skewed immunoglobulin repertoire of human B-cell precursors from fetal origin. Scientific Reports, 2016, 6, 33924.	3.3	20
124	Mutations in Brutonâ€™s tyrosine kinase impair IgA responses. International Journal of Hematology, 2015, 101, 305-313.	1.6	19
125	Impaired CpG Demethylation in Common Variable Immunodeficiency Associates With B Cell Phenotype and Proliferation Rate. Frontiers in Immunology, 2019, 10, 878.	4.8	19
126	Cost-effectiveness of newborn screening for severe combined immunodeficiency. European Journal of Pediatrics, 2019, 178, 721-729.	2.7	19

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127	Dilemma of Reporting Incidental Findings in Newborn Screening Programs for SCID: Parentsâ€™ Perspective on Ataxia Telangiectasia. Frontiers in Immunology, 2019, 10, 2438.	4.8	19
128	Recommendations for uniform definitions used in newborn screening for severe combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2022, 149, 1428-1436.	2.9	19
129	Adaptive immune defects in a patient with leukocyte adhesion deficiency type <scp>III</scp> with a novel mutation in <scp>FERMT</scp>3. Pediatric Allergy and Immunology, 2016, 27, 214-217.	2.6	18
130	iPSC-Based Modeling of RAG2 Severe Combined Immunodeficiency Reveals Multiple T Cell Developmental Arrests. Stem Cell Reports, 2020, 14, 300-311.	4.8	18
131	Levels of somatic hypermutations in B cell receptors increase during childhood. Clinical and Experimental Immunology, 2014, 178, 394-398.	2.6	17
132	Deficiencies in the CD19 complex. Clinical Immunology, 2018, 195, 82-87.	3.2	17
133	The presence of CLL-associated stereotypic B cell receptors in the normal BCR repertoire from healthy individuals increases with age. Immunity and Ageing, 2019, 16, 22.	4.2	17
134	Selection and validation of antibody clones against IgG and IgA subclasses in switched memory B-cells and plasma cells. Journal of Immunological Methods, 2019, 475, 112372.	1.4	17
135	Defective formation of IgA memory B cells, Th1 and Th17 cells in symptomatic patients with selective IgA deficiency. Clinical and Translational Immunology, 2020, 9, e1130.	3.8	17
136	EuroFlow Standardized Approach to Diagnostic Immunopheneotyping of Severe PID in Newborns and Young Children. Frontiers in Immunology, 2020, 11, 371.	4.8	17
137	B-cell recovery after stem cell transplantation of Artemis-deficient SCID requires elimination of autologous bone marrow precursor-B-cells. Haematologica, 2006, 91, 1705-9.	3.5	17
138	Silent brain infarcts in two patients with zeta chain-associated protein 70kDa (ZAP70) deficiency. Clinical Immunology, 2015, 158, 88-91.	3.2	16
139	Overview of 15-year severe combined immunodeficiency in the Netherlands: towards newborn blood spot screening. European Journal of Pediatrics, 2015, 174, 1183-1188.	2.7	16
140	IgM Augments Complement Bactericidal Activity with Serum from a Patient with a Novel CD79a Mutation. Journal of Clinical Immunology, 2018, 38, 185-192.	3.8	16
141	The Clinical and Genetic Spectrum of 82 Patients With RAG Deficiency Including a c.256_257delAA Founder Variant in Slavic Countries. Frontiers in Immunology, 2020, 11, 900.	4.8	16
142	Curation and expansion of Human Phenotype Ontology for defined groups of inborn errors of immunity. Journal of Allergy and Clinical Immunology, 2022, 149, 369-378.	2.9	16
143	The presence of somatic mutations in immunoglobulin genes of B cell acute lymphoblastic leukemia (ALL-L3) supports assignment as Burkitt's leukemiaâ€“lymphoma rather than B-lineage ALL. Leukemia, 2001, 15, 1141-1143.	7.2	14
144	Late-onset adenosine deaminase deficiency presenting with Heckâ€™s disease. European Journal of Pediatrics, 2010, 169, 1033-1036.	2.7	14

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145	Precursor B-cell development in bone marrow of Good syndrome patients. Clinical Immunology, 2019, 200, 39-42.	3.2	14
146	Delineating Human B Cell Precursor Development With Genetically Identified PID Cases as a Model. Frontiers in Immunology, 2019, 10, 2680.	4.8	14
147	Towards Achieving Equity and Innovation in Newborn Screening across Europe. International Journal of Neonatal Screening, 2022, 8, 31.	3.2	14
148	Unraveling of the Polymorphic CÎ»2-CÎ»3 Amplification and the Ke+Ozâ˜ Polymorphism in the Human IgÎ» Locus. Journal of Immunology, 2002, 169, 271-276.	0.8	13
149	Circulating T Cells of Patients with Nijmegen Breakage Syndrome Show Signs of Senescence. Journal of Clinical Immunology, 2017, 37, 133-142.	3.8	13
150	Dissection of the Pre-Germinal Center B-Cell Maturation Pathway in Common Variable Immunodeficiency Based on Standardized Flow Cytometric EuroFlow Tools. Frontiers in Immunology, 2020, 11, 603972.	4.8	13
151	Biased IgÎ» expression in hypermutated IgD multiple myelomas does not result from receptor revision. Leukemia, 2002, 16, 1358-1361.	7.2	12
152	Quantifying independent risk factors for failing to rescreen in a breast cancer screening program in Flanders, Belgium. Preventive Medicine, 2014, 69, 280-286.	3.4	12
153	<scp>IVI</scp>gâ€induced plasmablasts in patients with Guillainâ€BarrÃ© syndrome. Annals of Clinical and Translational Neurology, 2019, 6, 129-143.	3.7	12
154	Detection of clonal EBV episomes in lymphoproliferations as a diagnostic tool. Leukemia, 2002, 16, 1572-1573.	7.2	11
155	An infant with ZAP-70 deficiency with disseminated mycobacterial disease. Journal of Clinical Immunology, 2016, 36, 103-106.	3.8	11
156	Early diagnosis of ataxia telangiectasia in the neonatal phase: a parentsâ€™ perspective. European Journal of Pediatrics, 2020, 179, 251-256.	2.7	11
157	Hematopoietic stem cell transplantation in a patient with proteasome-associated autoinflammatory syndrome (PRAAS). Journal of Allergy and Clinical Immunology, 2022, 149, 1120-1127.e8.	2.9	11
158	A single split-signal FISH probe set allows detection of TAL1translocations as well as SIL-TAL1 fusion genes in a single test. Leukemia, 2002, 16, 755-761.	7.2	10
159	Dissection of B-Cell Development to Unravel Defects in Patients with a Primary Antibody Deficiency. Advances in Experimental Medicine and Biology, 2011, 697, 183-196.	1.6	10
160	Second Tier Testing to Reduce the Number of Non-actionable Secondary Findings and False-Positive Referrals in Newborn Screening for Severe Combined Immunodeficiency. Journal of Clinical Immunology, 2021, 41, 1762-1773.	3.8	10
161	GvHD-associated cytokine polymorphisms do not associate with Omenn syndrome rather than Tâ˜'Bâ˜' SCID in patients with defects in RAG genes. Clinical Immunology, 2007, 124, 165-169.	3.2	9
162	Concomitant EBV-related B-cell proliferation and juvenile myelomonocytic leukemia in a 2-year-old child. Leukemia Research, 2008, 32, 181-184.	0.8	9

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163	Persistent subclinical immune defects in HIV-1-infected children treated with antiretroviral therapy. Aids, 2015, 29, 1745-1756.	2.2	9
164	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. Journal of Immunology, 2017, 198, 102-109.	0.8	9
165	Repertoire Sequencing of B Cells Elucidates the Role of UNG and Mismatch Repair Proteins in Somatic Hypermutation in Humans. Frontiers in Immunology, 2019, 10, 1913.	4.8	9
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167	Future Perspectives of Newborn Screening for Inborn Errors of Immunity. International Journal of Neonatal Screening, 2021, 7, 74.	3.2	8
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