Anne Durandy

List of Publications by Year
in descending order

124 papers	14,386 citations	30070 54 h-index	21540 114 g-index
127 all docs	127 docs citations	127 times ranked	13861 citing authors

#	Article	IF	Citations
1	Class Switch Recombination Defects: impact on B cell maturation and antibody responses. Clinical Immunology, 2021, 222, 108638.	3.2	6
2	Genomic Spectrum and Phenotypic Heterogeneity of Human IL-21 Receptor Deficiency. Journal of Clinical Immunology, 2021, 41, 1272-1290.	3.8	25
3	Activation-induced deaminase is critical for the establishment of DNA methylation patterns prior to the germinal center reaction. Nucleic Acids Research, 2021, 49, 5057-5073.	14.5	5
4	Activated PI3Kinase Delta Syndromeâ€"A Multifaceted Disease. Frontiers in Pediatrics, 2021, 9, 652405.	1.9	19
5	Two Monogenetic Disorders, Activated PI3-Kinase-Î´ Syndrome 2 and Smithâ€"Magenis Syndrome, in One Patient: Case Report and a Literature Review of Neurodevelopmental Impact in Primary Immunodeficiencies Associated With Disturbed PI3K Signaling. Frontiers in Pediatrics, 2021, 9, 688022.	1.9	2
6	Known and potential molecules associated with altered B cell development leading to predominantly antibody deficiencies. Pediatric Allergy and Immunology, 2021, 32, 1601-1615.	2.6	10
7	Predominantly antibody deficiencies. , 2021, , 93-123.		1
8	UnAIDed Class Switching in Activated B-Cells Reveals Intrinsic Features of a Self-Cleaving IgH Locus. Frontiers in Immunology, 2021, 12, 737427.	4.8	4
9	Increased activation of PI3 kinase-Î´ predisposes to B-cell lymphoma. Blood, 2020, 135, 638-643.	1.4	29
10	Topoisomerase 2Î² mutation impairs early B-cell development. Blood, 2020, 135, 1497-1501.	1.4	18
11	From Dysgammaglobulinemia to Autosomal-Dominant Activation-Induced Cytidine Deaminase Deficiency: Unraveling an Inherited ImmunodeficiencyÂafter 50ÂYears. Journal of Pediatrics, 2020, 223, 207-211.e1.	1.8	4
12	Clinical, Immunological, and Functional Characterization of Six Patients with Very High IgM Levels. Journal of Clinical Medicine, 2020, 9, 818.	2.4	4
13	Hematopoietic stem cell transplantation for progressive combined immunodeficiency and lymphoproliferation in patients with activated phosphatidylinositol-3-OH kinase Î´ syndrome type 1. Journal of Allergy and Clinical Immunology, 2019, 143, 266-275.	2.9	49
14	Locus suicide recombination actively occurs on the functionally rearranged IgH allele in B-cells from inflamed human lymphoid tissues. PLoS Genetics, 2019, 15, e1007721.	3.5	18
15	Genotoxic stress increases cytoplasmic mitochondrial DNA editing by human APOBEC3 mutator enzymes at a single cell level. Scientific Reports, 2019, 9, 3109.	3.3	13
16	The European Society for Immunodeficiencies (ESID) Registry Working Definitions for the ClinicalÂDiagnosis of Inborn Errors of Immunity. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1763-1770.	3.8	381
17	Loss of ARHGEF1 causes a human primary antibody deficiency. Journal of Clinical Investigation, 2019, 129, 1047-1060.	8.2	32
18	Mutations in the adaptor-binding domain and associated linker region of p110Î´ cause Activated PI3K-Î´ Syndrome 1 (APDS1). Haematologica, 2017, 102, e278-e281.	3.5	36

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19	Predominantly Antibody Deficiencies. , 2017, , 183-244.		2
20	Clinical spectrum and features of activated phosphoinositide 3-kinase Î´ syndrome: AÂlarge patient cohort study. Journal of Allergy and Clinical Immunology, 2017, 139, 597-606.e4.	2.9	377
21	X-linked primary immunodeficiency associated with hemizygous mutations in the moesin (MSN) gene. Journal of Allergy and Clinical Immunology, 2016, 138, 1681-1689.e8.	2.9	60
22	Clinical and immunologic phenotype associated with activated phosphoinositide 3-kinase Î´ syndrome 2: AÂcohort study. Journal of Allergy and Clinical Immunology, 2016, 138, 210-218.e9.	2.9	215
23	Activated PI3-kinase Î´ Syndrome: Long-term Follow-up after Cord Blood Transplantation. Journal of Clinical Immunology, 2016, 36, 544-546.	3.8	0
24	Decreased somatic hypermutation induces an impaired peripheral B cell tolerance checkpoint. Journal of Clinical Investigation, 2016, 126, 4289-4302.	8.2	46
25	Class Switch Recombination Process in Ataxia Telangiectasia Patients with Elevated Serum Levels of IgM. Journal of Immunoassay and Immunochemistry, 2015, 36, 16-26.	1.1	21
26	A homozygousPMS2founder mutation with an attenuated constitutional mismatch repair deficiency phenotype. Journal of Medical Genetics, 2015, 52, 348-352.	3.2	30
27	Immune Deficiencies Caused by B Cell Defects. , 2015, , 463-479.		1
28	Activation-Induced Cytidine Deaminase Expression in Human B Cell Precursors Is Essential for Central B Cell Tolerance. Immunity, 2015, 43, 884-895.	14.3	69
29	Early-onset hypogammaglobulinemia: A survey of 44 patients. Journal of Allergy and Clinical Immunology, 2015, 136, 1097-1099.e2.	2.9	5
30	Mild B-cell lymphocytosis in patients with a CARD11 C49Y mutation. Journal of Allergy and Clinical Immunology, 2015, 136, 819-821.e1.	2.9	44
31	An inherited immunoglobulin class-switch recombination deficiency associated with a defect in the INO80 chromatin remodeling complex. Journal of Allergy and Clinical Immunology, 2015, 135, 998-1007.e6.	2.9	37
32	Class-Switch Recombination Defects. , 2014, , 367-387.		2
33	The Hyper IgM Syndromes â€“ a Long List of Genes and Years of Discovery. , 2014, , 197-216.		1
34	Analysis of somatic hypermutations in the IgM switch region in human B cells. Journal of Allergy and Clinical Immunology, 2014, 134, 411-419.e1.	2.9	5
35	First Report of the Hyper-IgM Syndrome Registry of the Latin American Society for Immunodeficiencies: Novel Mutations, Unique Infections, and Outcomes. Journal of Clinical Immunology, 2014, 34, 146-156.	3.8	70
36	The CARD11-BCL10-MALT1 (CBM) signalosome complex: Stepping into the limelight of human primary immunodeficiency. Journal of Allergy and Clinical Immunology, 2014, 134, 276-284.	2.9	133

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37	Activation induced deaminase C-terminal domain links DNA breaks to end protection and repair during class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E988-97.	7.1	52
38	Occurrence of B-cell lymphomas in patients with activated phosphoinositide 3-kinase Î´ syndrome. Journal of Allergy and Clinical Immunology, 2014, 134, 233-236.e3.	2.9	101
39	A human immunodeficiency caused by mutations in the PIK3R1 gene. Journal of Clinical Investigation, 2014, 124, 3923-3928.	8.2	239
40	Defective anti-polysaccharide response and splenic marginal zone disorganization in ALPS patients. Blood, 2014, 124, 1597-1609.	1.4	48
41	Potential roles of activation-induced cytidine deaminase in promotion or prevention of autoimmunity in humans. Autoimmunity, 2013, 46, 148-156.	2.6	37
42	Phosphoinositide 3-Kinase Î´ Gene Mutation Predisposes to Respiratory Infection and Airway Damage. Science, 2013, 342, 866-871.	12.6	541
43	Signal transducer and activator of transcription 3 (STAT3) mutations underlying autosomal dominant hyper-IgE syndrome impair human CD8+ T-cell memory formation and function. Journal of Allergy and Clinical Immunology, 2013, 132, 400-411.e9.	2.9	63
44	IL-21 signalling via STAT3 primes human naÃ¯ve B cells to respond to IL-2 to enhance their differentiation into plasmablasts. Blood, 2013, 122, 3940-3950.	1.4	121
45	Primary Microcephaly, Impaired DNA Replication, and Genomic Instability Caused by Compound HeterozygousATRMutations. Human Mutation, 2013, 34, 374-384.	2.5	43
46	Blood CD4+CD45RO+CXCR5+ T cells are decreased but partially functional in signal transducer and activator of transcription 3 deficiency. Journal of Allergy and Clinical Immunology, 2013, 131, 1146-1156.e5.	2.9	20
47	Primary antibody deficiencies. Nature Reviews Immunology, 2013, 13, 519-533.	22.7	214
48	Late-onset combined immune deficiency associated to skin granuloma due to heterozygous compound mutations in RAG1 gene in a 14years old male. Human Immunology, 2013, 74, 18-22.	2.4	32
49	A regulatory role for the cohesin loader NIPBL in nonhomologous end joining during immunoglobulin class switch recombination. Journal of Experimental Medicine, 2013, 210, 2503-2513.	8.5	33
50	Naive and memory human B cells have distinct requirements for STAT3 activation to differentiate into antibody-secreting plasma cells. Journal of Experimental Medicine, 2013, 210, 2739-2753.	8.5	158
51	Polymerase Îµ1 mutation in a human syndrome with facial dysmorphism, immunodeficiency, livedo, and short stature (â€œFILS syndromeâ€). Journal of Experimental Medicine, 2012, 209, 2323-2330.	8.5	83
52	Cernunnos influences human immunoglobulin class switch recombination and may be associated with B cell lymphomagenesis. Journal of Experimental Medicine, 2012, 209, 291-305.	8.5	44
53	Human MSH6 Deficiency Is Associated with Impaired Antibody Maturation. Journal of Immunology, 2012, 188, 2023-2029.	0.8	67
54	Autosomal Dominant STAT3 Deficiency and Hyper-IgE Syndrome. Medicine (United States), 2012, 91, e1-e19.	1.0	274

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55	Immunoglobulin class-switch recombination deficiencies. Arthritis Research and Therapy, 2012, 14, 218.	3.5	59
56	De novo 13q12.3â€“q14.11 deletion involving BRCA2 gene in a patient with developmental delay, elevated IgM levels, transient ataxia, and cerebellar hypoplasia, mimicking an Aâ€T like phenotype. American Journal of Medical Genetics, Part A, 2012, 158A, 2571-2576.	1.2	6
57	Protective effect of IgM against colonization of the respiratory tract by nontypeable Haemophilus influenzae in patients with hypogammaglobulinemia. Journal of Allergy and Clinical Immunology, 2012, 129, 770-777.	2.9	47
58	Predominantly Antibody Deficiency. , 2012, , 113-192.		0
59	RANK-dependent autosomal recessive osteopetrosis: Characterization of five new cases with novel mutations. Journal of Bone and Mineral Research, 2012, 27, 342-351.	2.8	66
60	The UNG2 Arg88Cys variant abrogates RPA-mediated recruitment of UNG2 to single-stranded DNA. DNA Repair, 2012, 11, 559-569.	2.8	20
61	Human X-linked variable immunodeficiency caused by a hypomorphic mutation in XIAP in association with a rare polymorphism in CD40LG. Blood, 2011, 118, 252-261.	1.4	41
62	Study of patients with Hyper-IgM type IV phenotype who recovered spontaneously during late childhood and review of the literature. European Journal of Pediatrics, 2011, 170, 1039-1047.	2.7	9
63	A severe form of abetalipoproteinemia caused by new splicing mutations of microsomal triglyceride transfer protein (MTTP). Human Mutation, 2011, 32, 751-759.	2.5	23
64	Insights into the B cell specific process of immunoglobulin class switch recombination. Immunology Letters, 2011, 138, 97-103.	2.5	36
65	Connection between induction of DNA lesions and DNA recombination/repair during Ig class switch recombination. Cell Cycle, 2011, 10, 1335-1336.	2.6	1
66	Activation-induced cytidine deaminase (AID) is required for B-cell tolerance in humans. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11554-11559.	7.1	118
67	Human TRAF3 Adaptor Molecule Deficiency Leads to Impaired Toll-like Receptor 3 Response and Susceptibility to Herpes Simplex Encephalitis. Immunity, 2010, 33, 400-411.	14.3	304
68	Function of Apollo (SNM1B) at telomere highlighted by a splice variant identified in a patient with Hoyeraalâ€“Hreidarsson syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10097-10102.	7.1	76
69	AID in Immunodeficiency and Cancer. Modecular Medicine and Medicinal, 2010, , 152-186.	0.4	0
70	Inherited Defects of Immunoglobulin Class Switch Recombination. Advances in Experimental Medicine and Biology, 2010, 685, 166-174.	1.6	9
71	Efficacy of Gene Therapy for X-Linked Severe Combined Immunodeficiency. New England Journal of Medicine, 2010, 363, 355-364.	27.0	561
72	Immunoglobulin class switch recombination: study through human natural mutants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 577-582.	4.0	18

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73	Mutational, functional, and expression studies of theTCF4gene in Pitt-Hopkins syndrome. Human Mutation, 2009, 30, 669-676.	2.5	126
74	The RIDDLE Syndrome Protein Mediates a Ubiquitin-Dependent Signaling Cascade at Sites of DNA Damage. Cell, 2009, 136, 420-434.	28.9	673
75	Molecular genetic analysis of Hungarian patients with the hyper-immunoglobulin M syndrome. Molecular Immunology, 2008, 45, 278-282.	2.2	13
76	Predominantly Antibody Deficiencies. , 2008, , 97-130.		17
77	Characterization of Ig Gene Somatic Hypermutation in the Absence of Activation-Induced Cytidine Deaminase. Journal of Immunology, 2008, 181, 1299-1306.	0.8	27
78	Human PMS2 deficiency is associated with impaired immunoglobulin class switch recombination. Journal of Experimental Medicine, 2008, 205, 2465-2472.	8.5	151
79	Restoration of Human B-cell Differentiation Into NOD-SCID Mice Engrafted With Gene-corrected CD34+ Cells Isolated From Artemis or RAG1-deficient Patients. Molecular Therapy, 2008, 16, 396-403.	8.2	39
80	Pathophysiology of Bâ€Cell Intrinsic Immunoglobulin Class Switch Recombination Deficiencies. Advances in Immunology, 2007, 94, 275-306.	2.2	86
81	A primary immunodeficiency characterized by defective immunoglobulin class switch recombination and impaired DNA repair. Journal of Experimental Medicine, 2007, 204, 1207-1216.	8.5	47
82	Characterization of immunoglobulin mutations in humans with activation-induced cytidine deaminase deficiency. Arthritis Research and Therapy, 2007, 9, P14.	3.5	0
83	Ataxia-telangiectasia in twins presenting as autosomal recessive hyper-immunoglobulin M syndrome. Israel Medical Association Journal, 2007, 9, 406-7.	0.1	25
84	ICOS Deficiency Is Associated with a Severe Reduction of CXCR5+CD4 Germinal Center Th Cells. Journal of Immunology, 2006, 177, 4927-4932.	0.8	349
85	The NEMO Mutation Creating the Most-Upstream Premature Stop Codon Is Hypomorphic Because of a Reinitiation of Translation. American Journal of Human Genetics, 2006, 78, 691-701.	6.2	89
86	Defects of class-switch recombination. Journal of Allergy and Clinical Immunology, 2006, 117, 855-864.	2.9	107
87	Cernunnos, a Novel Nonhomologous End-Joining Factor, Is Mutated in Human Immunodeficiency with Microcephaly. Cell, 2006, 124, 287-299.	28.9	640
88	A novel form of non-X-linked hyperigm associated with growth and pubertal disturbances and with lymphoma development. Journal of Pediatrics, 2006, 148, 404-406.	1.8	3
89	Primary Immunodeficiencies: Genotype-Phenotype Correlations. , 2006, , 443-460.		7
90	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

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91	Hyper-IgM syndromes. Current Opinion in Rheumatology, 2006, 18, 369-376.	4.3	79
92	Memory switched B cell percentage and not serum immunoglobulin concentration is associated with clinical complications in children and adults with specific antibody deficiency and common variable immunodeficiency. Clinical Immunology, 2006, 120, 310-318.	3.2	106
93	Activation-induced cytidine deaminase: structureâ€“function relationship as based on the study of mutants. Human Mutation, 2006, 27, 1185-1191.	2.5	54
94	X-linked susceptibility to mycobacteria is caused by mutations in NEMO impairing CD40-dependent IL-12 production. Journal of Experimental Medicine, 2006, 203, 1745-1759.	8.5	264
95	Hyper-immunoglobulin M syndromes caused by intrinsic B-lymphocyte defects. Immunological Reviews, 2005, 203, 67-79.	6.0	76
96	Genetically acquired class-switch recombination defects: the multi-faced hyper-IgM syndrome. Immunology Letters, 2005, 97, 1-6.	2.5	35
97	Defined Blocks in Terminal Plasma Cell Differentiation of Common Variable Immunodeficiency Patients. Journal of Immunology, 2005, 175, 5498-5503.	0.8	81
98	Immunoglobulin Replacement Therapy in Primary Antibody Deficiency Diseases â€“ Maximizing Success. International Archives of Allergy and Immunology, 2005, 136, 217-229.	2.1	48
99	B cells from hyper-IgM patients carrying UNG mutations lack ability to remove uracil from ssDNA and have elevated genomic uracil. Journal of Experimental Medicine, 2005, 201, 2011-2021.	8.5	103
100	Analysis of class switch recombination and somatic hypermutation in patients affected with autosomal dominant hyper-IgM syndrome type 2. Clinical Immunology, 2005, 115, 277-285.	3.2	111
101	Human Models of Inherited Immunoglobulin Class Switch Recombination and Somatic Hypermutation Defects (Hyper-IgM Syndromes). Advances in Immunology, 2004, 82, 295-330.	2.2	37
102	Repair of U/G and U/A in DNA by UNG2-associated repair complexes takes place predominantly by short-patch repair both in proliferating and growth-arrested cells. Nucleic Acids Research, 2004, 32, 5486-5498.	14.5	92
103	Clinical, immunologic and genetic analysis of 29 patients with autosomal recessive hyper-IgM syndrome due to Activation-Induced Cytidine Deaminase deficiency. Clinical Immunology, 2004, 110, 22-29.	3.2	224
104	Severe combined immunodeficiency caused by deficiency in either the Î´ or the Îµ subunit of CD3. Journal of Clinical Investigation, 2004, 114, 1512-1517.	8.2	141
105	Severe combined immunodeficiency caused by deficiency in either the Î´ or the Îµ subunit of CD3. Journal of Clinical Investigation, 2004, 114, 1512-1517.	8.2	78
106	Mini-review Activation-induced cytidine deaminase: a dual role in class-switch recombination and somatic hypermutation. European Journal of Immunology, 2003, 33, 2069-2073.	2.9	70
107	AID mutant analyses indicate requirement for class-switch-specific cofactors. Nature Immunology, 2003, 4, 843-848.	14.5	301
108	Human uracilâ€“DNA glycosylase deficiency associated with profoundly impaired immunoglobulin class-switch recombination. Nature Immunology, 2003, 4, 1023-1028.	14.5	573

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109	The mechanisms of immune diversification and their disorders. Nature Reviews Immunology, 2003, 3, 962-972.	22.7	59
110	Retinoids Regulate Survival and Antigen Presentation by Immature Dendritic Cells. Journal of Experimental Medicine, 2003, 198, 623-634.	8.5	143
111	The Block in Immunoglobulin Class Switch Recombination Caused by Activation-Induced Cytidine Deaminase Deficiency Occurs Prior to the Generation of DNA Double Strand Breaks in Switch Î¼ Region. Journal of Immunology, 2003, 171, 2504-2509.	0.8	84
112	Hyper-immunoglobulin-M syndromes caused by an intrinsic B cell defect. Current Opinion in Allergy and Clinical Immunology, 2003, 3, 421-425.	2.3	14
113	Hyper-IgM syndrome type 4 with a B lymphocyteâ€“intrinsic selective deficiency in Ig class-switch recombination. Journal of Clinical Investigation, 2003, 112, 136-142.	8.2	114
114	Terminal defects of B lymphocyte differentiation. Current Opinion in Allergy and Clinical Immunology, 2001, 1, 519-524.	2.3	5
115	Human genetic defects in class-switch recombination (hyper-IgM syndromes). Current Opinion in Immunology, 2001, 13, 543-548.	5.5	60
116	X-linked anhidrotic ectodermal dysplasia with immunodeficiency is caused by impaired NF-ÎºB signaling. Nature Genetics, 2001, 27, 277-285.	21.4	784
117	Somatic Hypermutation Shapes the Antibody Repertoire of Memory B Cells in Humans. Journal of Experimental Medicine, 2001, 194, 375-378.	8.5	36
118	A Syndrome Involving Intrauterine Growth Retardation, Microcephaly, Cerebellar Hypoplasia, B Lymphocyte Deficiency, and Progressive Pancytopenia. Pediatrics, 2000, 105, e39-e39.	2.1	25
119	Mutations in Activation-Induced Cytidine Deaminase in Patients with Hyper IgM Syndrome. Clinical Immunology, 2000, 97, 203-210.	3.2	125
120	Activation-Induced Cytidine Deaminase (AID) Deficiency Causes the Autosomal Recessive Form of the Hyper-IgM Syndrome (HIGM2). Cell, 2000, 102, 565-575.	28.9	1,489
121	CD40 ligand expression deficiency in a female carrier of the X-linked hyper-IgM syndrome as a result of X chromosome lyonization. European Journal of Immunology, 1999, 29, 367-373.	2.9	52
122	Normal CD40-mediated activation of monocytes and dendritic cells from patients with hyper-IgM syndrome due to a CD40 pathway defect in B cells. European Journal of Immunology, 1998, 28, 3648-3654.	2.9	25
123	Impairment of Mycobacterial Immunity in Human Interleukin-12 Receptor Deficiency. Science, 1998, 280, 1432-1435.	12.6	787
124	Induction by anti-CD40 antibody or soluble CD40 ligand and cytokines of IgG, IgA and IgE production by B cells from patients with X-linked hyper IgM syndrome. European Journal of Immunology, 1993, 23, 2294-2299.	2.9	87