

# Claude-Agnes Reynaud

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

7,744  
citations

76196

40  
h-index

58464

82  
g-index

97  
all docs

97  
docs citations

97  
times ranked

8231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of mRNA vaccination-elicited RBD-specific memory B cells reveals strong but incomplete immune escape of the SARS-CoV-2 Omicron variant. <i>Immunity</i> , 2022, 55, 1096-1104.e4.	6.6	42
2	Efficacy, safety and immunological profile of combining rituximab with belimumab for adults with persistent or chronic immune thrombocytopenia: results from a prospective phase 2b trial. <i>Haematologica</i> , 2021, 106, 2449-2457.	1.7	37
3	Maturation and persistence of the anti-SARS-CoV-2 memory B cell response. <i>Cell</i> , 2021, 184, 1201-1213.e14.	13.5	260
4	Rituximab-resistant splenic memory B cells and newly engaged naive B cells fuel relapses in patients with immune thrombocytopenia. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	40
5	Molecular Signatures of Kidney Antibody-Secreting Cells in Lupus Patients With Active Nephritis Upon Immunosuppressive Therapy. <i>Arthritis and Rheumatology</i> , 2021, 73, 1461-1466.	2.9	10
6	mRNA vaccination of naive and COVID-19-recovered individuals elicits potent memory B cells that recognize SARS-CoV-2 variants. <i>Immunity</i> , 2021, 54, 2893-2907.e5.	6.6	107
7	IgM memory B cells: specific effectors of innate-like and adaptive responses. <i>Current Opinion in Immunology</i> , 2020, 63, 1-6.	2.4	27
8	O19...Evolution of kidney antibody secreting cells molecular signature in lupus patients with active nephritis upon immunosuppressive therapy. , 2020, , .		0
9	Editorial overview: Lymphocyte effector subsets: blurring the frontiers. <i>Current Opinion in Immunology</i> , 2020, 63, iii-v.	2.4	0
10	Chronic Viral Infection Promotes Efficient Germinal Center B Cell Responses. <i>Cell Reports</i> , 2020, 30, 1013-1026.e7.	2.9	27
11	Anti-CD20-mediated B-cell depletion in autoimmune diseases: successes, failures and future perspectives. <i>Kidney International</i> , 2020, 97, 885-893.	2.6	32
12	THU0211...EVOLUTION OF KIDNEY ANTIBODY SECRETING CELLS MOLECULAR SIGNATURE IN LUPUS PATIENTS WITH ACTIVE NEPHRITIS UPON IMMUNOSUPPRESSIVE THERAPY. , 2019, , .		0
13	Predicting AID off-targets: A step forward. <i>Journal of Experimental Medicine</i> , 2018, 215, 721-722.	4.2	2
14	BAFF and CD4+ T cells are major survival factors for long-lived splenic plasma cells in a B-cell-depletion context. <i>Blood</i> , 2018, 131, 1545-1555.	0.6	72
15	A splenic IgM memory subset with antibacterial specificities is sustained from persistent mucosal responses. <i>Journal of Experimental Medicine</i> , 2018, 215, 2035-2053.	4.2	30
16	Pms2 and uracil-DNA glycosylases act jointly in the mismatch repair pathway to generate Ig gene mutations at A-T base pairs. <i>Journal of Experimental Medicine</i> , 2017, 214, 1169-1180.	4.2	27
17	Clonal Evolution of Autoreactive Germinal Centers. <i>Cell</i> , 2017, 170, 913-926.e19.	13.5	118
18	Klhl6 Deficiency Impairs Transitional B Cell Survival and Differentiation. <i>Journal of Immunology</i> , 2017, 199, 2408-2420.	0.4	16

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19	The AID-Cre-ERT2 Model: A Tool for Monitoring B Cell Immune Responses and Generating Selective Hybridomas. <i>Methods in Molecular Biology</i> , 2017, 1623, 243-251.	0.4	10
20	Human B Cell Subsets. , 2016, , 122-124.		0
21	Immunoglobulin Diversification by Gene Conversion. , 2016, , 144-147.		0
22	A single aspartate mutation in the conserved catalytic site of Rev3L generates a hypomorphic phenotype in vivo and in vitro. <i>DNA Repair</i> , 2016, 46, 37-46.	1.3	7
23	Visualizing antibody affinity maturation in germinal centers. <i>Science</i> , 2016, 351, 1048-1054.	6.0	366
24	Memory B Cells. , 2016, , 195-199.		1
25	BAFF and CD4 T-Cells Are Major Survival Factors for Splenic Plasma Cells in B Cell Depletion Context: Implications for Autoimmune Diseases. <i>Blood</i> , 2016, 128, 129-129.	0.6	0
26	A Reassessment of IgM Memory Subsets in Humans. <i>Journal of Immunology</i> , 2015, 195, 3716-3724.	0.4	99
27	129-Derived Mouse Strains Express an Unstable but Catalytically Active DNA Polymerase Iota Variant. <i>Molecular and Cellular Biology</i> , 2015, 35, 3059-3070.	1.1	8
28	Emergence of long-lived autoreactive plasma cells in the spleen of primary warm auto-immune hemolytic anemia patients treated with rituximab. <i>Journal of Autoimmunity</i> , 2015, 62, 22-30.	3.0	40
29	The ups and downs of negative (and positive) selection of B cells. <i>Journal of Clinical Investigation</i> , 2015, 125, 3748-3750.	3.9	3
30	Redundancy of mammalian Y family DNA polymerases in cellular responses to genomic DNA lesions induced by ultraviolet light. <i>Nucleic Acids Research</i> , 2014, 42, 11071-11082.	6.5	30
31	Identification of a human splenic marginal zone B cell precursor with NOTCH2-dependent differentiation properties. <i>Journal of Experimental Medicine</i> , 2014, 211, 987-1000.	4.2	113
32	Somatic Hypermutation at A/T-Rich Oligonucleotide Substrates Shows Different Strand Polarities in Ung-Deficient or -Proficient Backgrounds. <i>Molecular and Cellular Biology</i> , 2014, 34, 2176-2187.	1.1	22
33	Editorial overview: Lymphocyte activation and effector functions. <i>Current Opinion in Immunology</i> , 2014, 28, v-vii.	2.4	0
34	Segmented Filamentous Bacterium Uses Secondary and Tertiary Lymphoid Tissues to Induce Gut IgA and Specific T Helper 17 Cell Responses. <i>Immunity</i> , 2014, 40, 608-620.	6.6	280
35	Emergence of Long-Lived Autoreactive Plasma Cells in the Spleen of Primary Warm Auto-Immune Hemolytic Anemia Patients Treated with Rituximab. <i>Blood</i> , 2014, 124, 569-569.	0.6	1
36	High-Throughput Ig Sequencing of Paired Blood and Spleen Samples Allows a Redefinition of Memory IgM Subsets in Humans. <i>Blood</i> , 2014, 124, 565-565.	0.6	0

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37	Multiple players in mouse B cell memory. <i>Current Opinion in Immunology</i> , 2013, 25, 334-338.	2.4	19
38	Long-Lived Plasma Cells in Autoimmunity: Lessons from B-Cell Depleting Therapy. <i>Frontiers in Immunology</i> , 2013, 4, 494.	2.2	60
39	B cell depletion in immune thrombocytopenia reveals splenic long-lived plasma cells. <i>Journal of Clinical Investigation</i> , 2013, 123, 432-442.	3.9	154
40	Gene profiling of CD11b <sup>+</sup> and CD11b <sup>hi</sup> B1 cell subsets reveals potential cell sorting artifacts. <i>Journal of Experimental Medicine</i> , 2012, 209, 433-434.	4.2	36
41	IgM+IgD+CD27 <sup>+</sup> B cells are markedly reduced in IRAK-4 <sup>-/-</sup> , MyD88 <sup>-/-</sup> , and TIRAP <sup>-/-</sup> but not UNC-93B <sup>-/-</sup> deficient patients. <i>Blood</i> , 2012, 120, 4992-5001.	0.6	87
42	IgM memory B cells: a mouse/human paradox. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1625-1634.	2.4	67
43	PCNA ubiquitination-independent activation of polymerase $\delta$ during somatic hypermutation and DNA damage tolerance. <i>DNA Repair</i> , 2011, 10, 1051-1059.	1.3	43
44	AID and partners: for better and (not) for worse. <i>Current Opinion in Immunology</i> , 2011, 23, 337-344.	2.4	33
45	A human equivalent of mouse B-1 cells?. <i>Journal of Experimental Medicine</i> , 2011, 208, 2563-2564.	4.2	98
46	A Backup Role of DNA Polymerase $\delta$ in Ig Gene Hypermutation Only Takes Place in the Complete Absence of DNA Polymerase $\delta$ . <i>Journal of Immunology</i> , 2009, 182, 6353-6359.	0.4	37
47	Multiple layers of B cell memory with different effector functions. <i>Nature Immunology</i> , 2009, 10, 1292-1299.	7.0	519
48	Competitive repair pathways in immunoglobulin gene hypermutation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 613-619.	1.8	26
49	Human Marginal Zone B Cells. <i>Annual Review of Immunology</i> , 2009, 27, 267-285.	9.5	349
50	DNA polymerases in adaptive immunity. <i>Nature Reviews Immunology</i> , 2008, 8, 302-312.	10.6	59
51	Role of DNA polymerases $\delta$ , $\epsilon$ and $\eta$ in UV resistance and UV-induced mutagenesis in a human cell line. <i>DNA Repair</i> , 2008, 7, 1551-1562.	1.3	93
52	Proteasomal degradation restricts the nuclear lifespan of AID. <i>Journal of Experimental Medicine</i> , 2008, 205, 1357-1368.	4.2	132
53	Somatic diversification in the absence of antigen-driven responses is the hallmark of the IgM+IgD+CD27 <sup>+</sup> B cell repertoire in infants. <i>Journal of Experimental Medicine</i> , 2008, 205, 1331-1342.	4.2	143
54	The human spleen is a major reservoir for long-lived vaccinia virus <sup>-</sup> specific memory B cells. <i>Blood</i> , 2008, 111, 4653-4659.	0.6	145

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55	DNA polymerase $\hat{\iota}$ is the sole contributor of A/T modifications during immunoglobulin gene hypermutation in the mouse. <i>Journal of Experimental Medicine</i> , 2007, 204, 17-23.	4.2	169
56	Nonoverlapping Functions of DNA Polymerases Mu, Lambda, and Terminal Deoxynucleotidyltransferase during Immunoglobulin V(D)J Recombination In Vivo. <i>Immunity</i> , 2006, 25, 31-41.	6.6	163
57	Splenic marginal zone B cells in humans: Where do they mutate their Ig receptor?. <i>European Journal of Immunology</i> , 2005, 35, 2789-2792.	1.6	33
58	Contribution of DNA polymerase $\hat{\iota}$ to immunoglobulin gene hypermutation in the mouse. <i>Journal of Experimental Medicine</i> , 2005, 201, 1191-1196.	4.2	190
59	Normal Immune System Development in Mice Lacking the Deltex-1 RING Finger Domain. <i>Molecular and Cellular Biology</i> , 2005, 25, 1437-1445.	1.1	21
60	Do developing B cells need antigen?. <i>Journal of Experimental Medicine</i> , 2005, 201, 7-9.	4.2	16
61	Vaccination against encapsulated bacteria in humans: paradoxes. <i>Trends in Immunology</i> , 2005, 26, 85-89.	2.9	61
62	DNA Polymerase $\hat{\iota}$ Is Involved in Hypermutation Occurring during Immunoglobulin Class Switch Recombination. <i>Journal of Experimental Medicine</i> , 2004, 199, 265-270.	4.2	117
63	RPA tightens AID to DNA...editing. <i>Nature Immunology</i> , 2004, 5, 876-878.	7.0	2
64	A bird's eye view on human B cells. <i>Seminars in Immunology</i> , 2004, 16, 277-281.	2.7	28
65	Human blood IgM "memory" B cells are circulating splenic marginal zone B cells harboring a prediversified immunoglobulin repertoire. <i>Blood</i> , 2004, 104, 3647-3654.	0.6	695
66	What role for AID: mutator, or assembler of the immunoglobulin mutasome?. <i>Nature Immunology</i> , 2003, 4, 631-638.	7.0	70
67	Hypermutation in Human B Cells <i>in Vivo</i> and <i>in Vitro</i> . <i>Annals of the New York Academy of Sciences</i> , 2003, 987, 158-165.	1.8	24
68	Specific over-expression of deltex and a new Kelch-like protein in human germinal center B cells. <i>Molecular Immunology</i> , 2003, 39, 791-799.	1.0	32
69	Cutting Edge: DNA Polymerases $\hat{\iota}$ and $\hat{\iota}$ Are Dispensable for Ig Gene Hypermutation. <i>Journal of Immunology</i> , 2002, 168, 3702-3706.	0.4	134
70	Ig gene hypermutation: A mechanism is due. <i>Advances in Immunology</i> , 2002, 80, 183-202.	1.1	18
71	Allelic exclusion: lesson from GALT species. <i>Seminars in Immunology</i> , 2002, 14, 213-215.	2.7	6
72	Induction of somatic hypermutation in immunoglobulin genes is dependent on DNA polymerase iota. <i>Nature</i> , 2002, 419, 944-947.	13.7	178

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73	AID-dependent somatic hypermutation occurs as a DNA single-strand event in the BL2 cell line. <i>Nature Immunology</i> , 2002, 3, 815-821.	7.0	168
74	Eukaryotic DNA Polymerases: Proposal for a Revised Nomenclature. <i>Journal of Biological Chemistry</i> , 2001, 276, 43487-43490.	1.6	307
75	Two novel human and mouse DNA polymerases of the polX family. <i>Nucleic Acids Research</i> , 2000, 28, 3684-3693.	6.5	149
76	A Targeted Deletion of a Region Upstream from the J $\mu$ Cluster Impairs $\mu$ Chain Rearrangement In Cis in Mice and in the 103/bcl2 Cell Line. <i>Journal of Experimental Medicine</i> , 1999, 189, 1443-1450.	4.2	28
77	Mismatch repair and immunoglobulin gene hypermutation: did we learn something?. <i>Trends in Immunology</i> , 1999, 20, 522-527.	7.5	30
78	Negative regulation of Ig gene rearrangement by a 150-bp transcriptional silencer. <i>European Journal of Immunology</i> , 1998, 28, 2809-2816.	1.6	6
79	Galt versus bone marrow models of B cell ontogeny. <i>Developmental and Comparative Immunology</i> , 1998, 22, 379-385.	1.0	18
80	Mismatch Repair Deficiency Interferes with the Accumulation of Mutations in Chronically Stimulated B Cells and Not with the Hypermutation Process. <i>Immunity</i> , 1998, 9, 127-134.	6.6	138
81	Probing Immunoglobulin Gene Hypermutation with Microsatellites Suggests a Nonreplicative Short Patch DNA Synthesis Process. <i>Immunity</i> , 1998, 9, 257-265.	6.6	50
82	Introduction: What mechanism(s) drive hypermutation?. <i>Seminars in Immunology</i> , 1996, 8, 125-129.	2.7	20
83	Rearrangement/hypermutation/gene conversion: when, where and why?. <i>Trends in Immunology</i> , 1996, 17, 92-97.	7.5	117
84	Hypermutation generating the sheep immunoglobulin repertoire is an antigen-independent process. <i>Cell</i> , 1995, 80, 115-125.	13.5	300
85	Rearrangement of the chicken lambda light chain locus: a silencer/antisilencer regulation. <i>Seminars in Immunology</i> , 1994, 6, 165-173.	2.7	14
86	Formation of the Chicken B-Cell Repertoire: Ontogenesis, Regulation of Ig Gene Rearrangement, and Diversification by Gene Conversion. <i>Advances in Immunology</i> , 1994, 57, 353-378.	1.1	133
87	Early B-cell development in chickens, sheep and rabbits. <i>Current Opinion in Immunology</i> , 1992, 4, 177-180.	2.4	33
88	Somatic generation of diversity in a mammalian primary lymphoid organ: The sheep ileal Peyer's patches. <i>Cell</i> , 1991, 64, 995-1005.	13.5	267