

# Andrea Cerutti

## 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.

114  
papers

9,549  
citations

46  
h-index

97  
g-index

123  
ext. papers

10,988  
ext. citations

13.4  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
114	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	2
113	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , <b>2021</b> , 160, 2435-2450.e34	13.3	45
112	The mRNA-1273 Vaccine Induces Cross-Variant Antibody Responses to SARS-CoV-2 With Distinct Profiles in Individuals With or Without Pre-Existing Immunity. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 737083	8.4	4
111	Fecal IgA Levels Are Determined by Strain-Level Differences in <i>Bacteroides ovatus</i> and Are Modifiable by Gut Microbiota Manipulation. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 467-475.e6	23.4	64
110	Rethinking mucosal antibody responses: IgM, IgG and IgD join IgA. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 427-441	36.5	72
109	Gastrointestinal involvement attenuates COVID-19 severity and mortality <b>2020</b> ,		19
108	Gut T cell-independent IgA responses to commensal bacteria require engagement of the TACI receptor on B cells. <i>Science Immunology</i> , <b>2020</b> , 5,	28	15
107	IgA Summons IgG to Take a Hit at HIV-1. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 854-856	23.4	2
106	Teleost IgDIgM B Cells Mount Clonally Expanded and Mildly Mutated Intestinal IgD Responses in the Absence of Lymphoid Follicles. <i>Cell Reports</i> , <b>2019</b> , 29, 4223-4235.e5	10.6	35
105	Sensing Microbial Viability through Bacterial RNA Augments T Follicular Helper Cell and Antibody Responses. <i>Immunity</i> , <b>2018</b> , 48, 584-598.e5	32.3	49
104	The enigmatic function of IgD: some answers at last. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 1101-1163		53
103	Secreted IgD Amplifies Humoral T Helper 2 Cell Responses by Binding Basophils via Galectin-9 and CD44. <i>Immunity</i> , <b>2018</b> , 49, 709-724.e8	32.3	39
102	TACI Isoforms Regulate Ligand Binding and Receptor Function. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2125	8.4	10
101	The immunophenotypic fingerprint of patients with primary antibody deficiencies is partially present in their asymptomatic first-degree relatives. <i>Haematologica</i> , <b>2017</b> , 102, 192-202	6.6	7
100	Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. <i>Nature Medicine</i> , <b>2017</b> , 23, 128-135	50.5	53
99	mTOR intersects antibody-inducing signals from TACI in marginal zone B cells. <i>Nature Communications</i> , <b>2017</b> , 8, 1462	17.4	31
98	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

97	The soluble pattern recognition receptor PTX3 links humoral innate and adaptive immune responses by helping marginal zone B cells. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2167-85	16.6	50
96	A Touch of Youth in Gut Microbiota Development. <i>Immunity</i> , <b>2016</b> , 45, 12-4	32.3	2
95	Microbiota regulate the ability of lung dendritic cells to induce IgA class-switch recombination and generate protective gastrointestinal immune responses. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 53-73	16.6	74
94	Responsive population dynamics and wide seeding into the duodenal lamina propria of transglutaminase-2-specific plasma cells in celiac disease. <i>Mucosal Immunology</i> , <b>2016</b> , 9, 254-64	9.2	19
93	Expansion of inflammatory innate lymphoid cells in patients with common variable immune deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 1206-1215.e6	11.5	56
92	Brief Report: Late-Onset Cryopyrin-Associated Periodic Syndrome Due to Myeloid-Restricted Somatic NLRP3 Mosaicism. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 3035-3041	9.5	43
91	B Cell-Activating Factor (BAFF)-Targeted B Cell Therapies in Inflammatory Bowel Diseases. <i>Digestive Diseases and Sciences</i> , <b>2016</b> , 61, 3407-3424	4	20
90	Copycat innate lymphoid cells dampen gut inflammation. <i>Cell Research</i> , <b>2015</b> , 25, 991-2	24.7	2
89	Differential induction of plasma cells by isoforms of human TACI. <i>Blood</i> , <b>2015</b> , 125, 1749-58	2.2	23
88	Somatic NOD2 mosaicism in Blau syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 484-7.e25	2.5	42
87	NOD2 mosaicism in Blau syndrome. <i>Pediatric Rheumatology</i> , <b>2015</b> , 13, P59	3.5	0
86	Regulation and Function of Mucosal IgA and IgD <b>2015</b> , 683-700		0
85	The Mucosal Immune System <b>2015</b> , 277-291		1
84	Role of group 3 innate lymphoid cells in antibody production. <i>Current Opinion in Immunology</i> , <b>2015</b> , 33, 36-42	7.8	12
83	Innate lymphoid cells integrate stromal and immunological signals to enhance antibody production by splenic marginal zone B cells. <i>Nature Immunology</i> , <b>2014</b> , 15, 354-364	19.1	208
82	Modulaci3n del cambio de isotipo de las inmunoglobulinas por se1ales del sistema inmunitario innato. <i>Seminarios De La Fundaci3n Espa1ola De Reumatolog1a</i> , <b>2014</b> , 15, 11-18		
81	Exosomes derived from Burkitt3 lymphoma cell lines induce proliferation, differentiation, and class-switch recombination in B cells. <i>Journal of Immunology</i> , <b>2014</b> , 192, 5852-62	5.3	89
80	Germinal center reaction: antigen affinity and presentation explain it all. <i>Trends in Immunology</i> , <b>2014</b> , 35, 287-9	14.4	23

79	Intestinal IgA production and its role in host-microbe interaction. <i>Immunological Reviews</i> , <b>2014</b> , 260, 76-85.	165
78	IRAK-4 and MyD88 deficiencies impair IgM responses against T-independent bacterial antigens. <i>Blood</i> , <b>2014</b> , 124, 3561-71	2.2 36
77	Distinction between asymptomatic monoclonal B-cell lymphocytosis with cyclin D1 overexpression and mantle cell lymphoma: from molecular profiling to flow cytometry. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 1007-19	12.9 37
76	Immunology. Retroviral help for B cells. <i>Science</i> , <b>2014</b> , 346, 1454-5	33.3 1
75	Mucus enhances gut homeostasis and oral tolerance by delivering immunoregulatory signals. <i>Science</i> , <b>2013</b> , 342, 447-53	33.3 400
74	Massively parallel sequencing reveals maternal somatic IL2RG mosaicism in an X-linked severe combined immunodeficiency family. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 132, 741-743.e2	11.5 8
73	The B cell helper side of neutrophils. <i>Journal of Leukocyte Biology</i> , <b>2013</b> , 94, 677-82	6.5 51
72	Emerging roles of granulocytes in B cell responses. <i>Inmunologia (Barcelona, Spain: 1987)</i> , <b>2013</b> , 32, 25-34	
71	Marginal zone B cells: virtues of innate-like antibody-producing lymphocytes. <i>Nature Reviews Immunology</i> , <b>2013</b> , 13, 118-32	36.5 437
70	Protection by natural IgG: a sweet partnership with soluble lectins does the trick!. <i>EMBO Journal</i> , <b>2013</b> , 32, 2897-9	13 9
69	Naturally occurring mutation affecting the MyD88-binding site of TNFRSF13B impairs triggering of class switch recombination. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 805-14	6.1 12
68	CVID-associated TACI mutations affect autoreactive B cell selection and activation. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 4283-93	15.9 109
67	IgM+IgD+CD27+ B cells are markedly reduced in IRAK-4-, MyD88-, and TIRAP- but not UNC-93B-deficient patients. <i>Blood</i> , <b>2012</b> , 120, 4992-5001	2.2 69
66	CEACAM1-S: the virtues of alternative splicing in gut immunity. <i>Immunity</i> , <b>2012</b> , 37, 768-70	32.3 2
65	New helping friends for B cells. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 1956-68	6.1 40
64	Activation of B cells by non-canonical helper signals. <i>EMBO Reports</i> , <b>2012</b> , 13, 798-810	6.5 26
63	Regulation of frontline antibody responses by innate immune signals. <i>Immunologic Research</i> , <b>2012</b> , 54, 4-13	4.3 12
62	Composite chronic lymphocytic leukemia/small lymphocytic lymphoma and follicular lymphoma are biclonal lymphomas: a report of two cases. <i>American Journal of Clinical Pathology</i> , <b>2012</b> , 137, 647-59	1.9 16

61	Targeting HIV-1 envelope glycoprotein trimers to B cells by using APRIL improves antibody responses. <i>Journal of Virology</i> , <b>2012</b> , 86, 2488-500	6.6	38
60	Stromal endothelial cells establish a bidirectional crosstalk with chronic lymphocytic leukemia cells through the TNF-related factors BAFF, APRIL, and CD40L. <i>Journal of Immunology</i> , <b>2012</b> , 188, 6071-83	5.3	60
59	How can HIV-type-1-Env immunogenicity be improved to facilitate antibody-based vaccine development?. <i>AIDS Research and Human Retroviruses</i> , <b>2012</b> , 28, 1-15	1.6	67
58	B cell-helper neutrophils stimulate the diversification and production of immunoglobulin in the marginal zone of the spleen. <i>Nature Immunology</i> , <b>2011</b> , 13, 170-80	19.1	501
57	Transmembrane activator and CAML interactor (TACI) haploinsufficiency results in B-cell dysfunction in patients with Smith-Magenis syndrome. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 127, 1579-86	11.5	24
56	Innate control of B cell responses. <i>Trends in Immunology</i> , <b>2011</b> , 32, 202-11	14.4	83
55	IL-28B rs12979860 C/T allele distribution in patients with liver cirrhosis: role in the course of chronic viral hepatitis and the development of HCC. <i>Journal of Hepatology</i> , <b>2011</b> , 54, 716-22	13.4	146
54	Identification of a functional, CRM-1-dependent nuclear export signal in hepatitis C virus core protein. <i>PLoS ONE</i> , <b>2011</b> , 6, e25854	3.7	25
53	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
52	Regulation of mucosal IgA responses: lessons from primary immunodeficiencies. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1238, 132-44	6.5	35
51	Immunoglobulin responses at the mucosal interface. <i>Annual Review of Immunology</i> , <b>2011</b> , 29, 273-93	34.7	255
50	Role of interleukin 28B rs12979860 C/T polymorphism on the histological outcome of chronic hepatitis C: relationship with gender and viral genotype. <i>Journal of Clinical Immunology</i> , <b>2011</b> , 31, 891-9	5.7	66
49	The function and regulation of immunoglobulin D. <i>Current Opinion in Immunology</i> , <b>2011</b> , 23, 345-52	7.8	63
48	New insights into the enigma of immunoglobulin D. <i>Immunological Reviews</i> , <b>2010</b> , 237, 160-79	11.3	83
47	The transmembrane activator TACI triggers immunoglobulin class switching by activating B cells through the adaptor MyD88. <i>Nature Immunology</i> , <b>2010</b> , 11, 836-45	19.1	251
46	Transformation of follicular lymphoma to plasmablastic lymphoma with c-myc gene rearrangement. <i>American Journal of Clinical Pathology</i> , <b>2010</b> , 134, 972-81	1.9	32
45	Comment on "Gut-associated lymphoid tissue contains the molecular machinery to support T-cell-dependent and T-cell-independent class switch recombination". <i>Mucosal Immunology</i> , <b>2010</b> , 3, 92-4; author reply 94-5	9.2	9
44	Innate signaling networks in mucosal IgA class switching. <i>Advances in Immunology</i> , <b>2010</b> , 107, 31-69	5.6	35

43	Innate signals in mucosal immunoglobulin class switching. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 126, 889-95; quiz 896-7	11.5	28
42	Immunology. IgA changes the rules of memory. <i>Science</i> , <b>2010</b> , 328, 1646-7	33.3	21
41	Vaccination strategies to promote mucosal antibody responses. <i>Immunity</i> , <b>2010</b> , 33, 479-91	32.3	115
40	Immunoglobulin D enhances immune surveillance by activating antimicrobial, proinflammatory and B cell-stimulating programs in basophils. <i>Nature Immunology</i> , <b>2009</b> , 10, 889-98	19.1	299
39	HIV-1 evades virus-specific IgG2 and IgA responses by targeting systemic and intestinal B cells via long-range intercellular conduits. <i>Nature Immunology</i> , <b>2009</b> , 10, 1008-17	19.1	220
38	Influence of angiotensin-converting enzyme I/D gene polymorphism on clinical and histological correlates of chronic hepatitis C. <i>Hepatology Research</i> , <b>2009</b> , 39, 795-804	5.1	5
37	HIV infection: TRAILing the killers. <i>Blood</i> , <b>2009</b> , 114, 3723-4	2.2	3
36	The regulation of IgA class switching. <i>Nature Reviews Immunology</i> , <b>2008</b> , 8, 421-34	36.5	463
35	The biology of intestinal immunoglobulin A responses. <i>Immunity</i> , <b>2008</b> , 28, 740-50	32.3	408
34	Location, location, location: B-cell differentiation in the gut lamina propria. <i>Mucosal Immunology</i> , <b>2008</b> , 1, 8-10	9.2	39
33	Viral double-stranded RNA triggers Ig class switching by activating upper respiratory mucosa B cells through an innate TLR3 pathway involving BAFF. <i>Journal of Immunology</i> , <b>2008</b> , 181, 276-87	5.3	95
32	Class Switch Recombination and IgD Production Contribute to Mucosal Immunity. <i>FASEB Journal</i> , <b>2008</b> , 22, 854.7	0.9	
31	Epithelial cells trigger frontline immunoglobulin class switching through a pathway regulated by the inhibitor SLPI. <i>Nature Immunology</i> , <b>2007</b> , 8, 294-303	19.1	239
30	Hodgkin lymphoma cells express TACI and BCMA receptors and generate survival and proliferation signals in response to BAFF and APRIL. <i>Blood</i> , <b>2007</b> , 109, 729-39	2.2	179
29	Intestinal bacteria trigger T cell-independent immunoglobulin A(2) class switching by inducing epithelial-cell secretion of the cytokine APRIL. <i>Immunity</i> , <b>2007</b> , 26, 812-26	32.3	565
28	Quantitative Assessment of DNA Editing Enzymes in B-Cell Lymphomas.. <i>Blood</i> , <b>2007</b> , 110, 4687-4687	2.2	
27	Long-Distance Tunneling Nanotubules Shuttle Viral Immunoglobulin Class Switch-Suppressing Factors from HIV-Infected Macrophages to B Cells.. <i>Blood</i> , <b>2007</b> , 110, 2278-2278	2.2	
26	Malignant B Cells from Hairy Cell Leukemia Express an Innate Phenotype and Undergo IgD Class Switching in Response to Innate Environmental Factors, Including BAFF and APRIL.. <i>Blood</i> , <b>2007</b> , 110, 4707-4707	2.2	1

25	Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells. <i>Nature Immunology</i> , <b>2006</b> , 7, 302-10	19.1	178
24	Mucosal Epithelial Cells Initiate Frontline Immunoglobulin Class Switching through an SLPI-Regulated Pathway.. <i>Blood</i> , <b>2006</b> , 108, 3898-3898	2.2	
23	Splenic Sinusoids Stimulate the Survival and Proliferation of Hairy Cell Leukemia B Cells through BAFF, APRIL and Heparan-Sulphate Proteoglycans.. <i>Blood</i> , <b>2006</b> , 108, 4959-4959	2.2	1
22	Plasmacytoid dendritic cells and the regulation of immunoglobulin heavy chain class switching. <i>Immunology and Cell Biology</i> , <b>2005</b> , 83, 554-62	5	45
21	The TNF Family Members BAFF and APRIL Play an Important Role in Hodgkin Lymphoma.. <i>Blood</i> , <b>2005</b> , 106, 22-22	2.2	4
20	HIV-1 Nef Suppresses T Cell-Dependent Immunoglobulin Class Switching by Inducing Inhibitors of CD40 and IL-4 Receptor Signaling in Bystander B Cells.. <i>Blood</i> , <b>2005</b> , 106, 325-325	2.2	
19	Ongoing immunoglobulin class switch DNA recombination in lupus B cells: analysis of switch regulatory regions. <i>Autoimmunity</i> , <b>2004</b> , 37, 431-443	3	10
18	Selective inhibition of class switching to IgG and IgE by recruitment of the HoxC4 and Oct-1 homeodomain proteins and Ku70/Ku86 to newly identified ATTT cis-elements. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 23141-50	5.4	30
17	DCs induce CD40-independent immunoglobulin class switching through BlyS and APRIL. <i>Nature Immunology</i> , <b>2002</b> , 3, 822-9	19.1	1037
16	Chronic lymphocytic leukemia B cells can undergo somatic hypermutation and intracлонаl immunoglobulin V(H)DJ(H) gene diversification. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 196, 629-39	16.6	78
15	Ongoing in vivo immunoglobulin class switch DNA recombination in chronic lymphocytic leukemia B cells. <i>Journal of Immunology</i> , <b>2002</b> , 169, 6594-603	5.3	58
14	Dysregulation of CD30+ T cells by leukemia impairs isotype switching in normal B cells. <i>Nature Immunology</i> , <b>2001</b> , 2, 150-6	19.1	43
13	The translesion DNA polymerase zeta plays a major role in Ig and bcl-6 somatic hypermutation. <i>Immunity</i> , <b>2001</b> , 14, 643-53	32.3	183
12	B cell receptor engagement and T cell contact induce Bcl-6 somatic hypermutation in human B cells: identity with Ig hypermutation. <i>Journal of Immunology</i> , <b>2000</b> , 165, 830-9	5.3	40
11	Engagement of CD153 (CD30 ligand) by CD30+ T cells inhibits class switch DNA recombination and antibody production in human IgD+ IgM+ B cells. <i>Journal of Immunology</i> , <b>2000</b> , 165, 786-94	5.3	81
10	Ongoing hypermutation in the Ig V(D)J gene segments and c-myc proto-oncogene of an AIDS lymphoma segregates with neoplastic B cells at different sites: implications for clonal evolution. <i>Human Immunology</i> , <b>2000</b> , 61, 1242-53	2.3	8
9	CD30 is a CD40-inducible molecule that negatively regulates CD40-mediated immunoglobulin class switching in non-antigen-selected human B cells. <i>Immunity</i> , <b>1998</b> , 9, 247-56	32.3	67
8	CD40 ligand and appropriate cytokines induce switching to IgG, IgA, and IgE and coordinated germinal center and plasmacytoid phenotypic differentiation in a human monoclonal IgM+IgD+ B cell line. <i>Journal of Immunology</i> , <b>1998</b> , 160, 2145-57	5.3	157

7	Expression of tumor necrosis factor-receptor superfamily members by lung T lymphocytes in interstitial lung disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1996</b> , 153, 1359-67	10.2	57
6	Tumour-infiltrating lymphocytes bear the 75 kDa tumour necrosis factor receptor. <i>British Journal of Cancer</i> , <b>1995</b> , 71, 240-5	8.7	12
5	Gamma delta T cell receptor subsets in the lung of patients with HIV-1 infection. <i>Cellular Immunology</i> , <b>1994</b> , 153, 194-205	4.4	23
4	Functional role of IL-2 receptors on tumour-infiltrating lymphocytes. <i>British Journal of Cancer</i> , <b>1994</b> , 69, 1046-51	8.7	11
3	Immunoglobulin A Antibody Composition Is Sculpted to Bind the Self Gut Microbiome		2
2	SARS-CoV-2-Specific Antibody Profiles Distinguish Patients with Moderate from Severe COVID-19		5
1	Strain-level differences in gut microbiome composition determine fecal IgA levels and are modifiable by gut microbiota manipulation		6