

Andrea Cerutti

List of Publications by Citations

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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	DCs induce CD40-independent immunoglobulin class switching through BLYS and APRIL. <i>Nature Immunology</i> , 2002 , 3, 822-9	19.1	1037
113	Intestinal bacteria trigger T cell-independent immunoglobulin A(2) class switching by inducing epithelial-cell secretion of the cytokine APRIL. <i>Immunity</i> , 2007 , 26, 812-26	32.3	565
112	B cell-helper neutrophils stimulate the diversification and production of immunoglobulin in the marginal zone of the spleen. <i>Nature Immunology</i> , 2011 , 13, 170-80	19.1	501
111	The regulation of IgA class switching. <i>Nature Reviews Immunology</i> , 2008 , 8, 421-34	36.5	463
110	Marginal zone B cells: virtues of innate-like antibody-producing lymphocytes. <i>Nature Reviews Immunology</i> , 2013 , 13, 118-32	36.5	437
109	The biology of intestinal immunoglobulin A responses. <i>Immunity</i> , 2008 , 28, 740-50	32.3	408
108	Mucus enhances gut homeostasis and oral tolerance by delivering immunoregulatory signals. <i>Science</i> , 2013 , 342, 447-53	33.3	400
107	Immunoglobulin D enhances immune surveillance by activating antimicrobial, proinflammatory and B cell-stimulating programs in basophils. <i>Nature Immunology</i> , 2009 , 10, 889-98	19.1	299
106	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
105	Immunoglobulin responses at the mucosal interface. <i>Annual Review of Immunology</i> , 2011 , 29, 273-93	34.7	255
104	The transmembrane activator TACI triggers immunoglobulin class switching by activating B cells through the adaptor MyD88. <i>Nature Immunology</i> , 2010 , 11, 836-45	19.1	251
103	Epithelial cells trigger frontline immunoglobulin class switching through a pathway regulated by the inhibitor SLPI. <i>Nature Immunology</i> , 2007 , 8, 294-303	19.1	239
102	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> , 2009 , 10, 1008-17	19.1	220
101	Innate lymphoid cells integrate stromal and immunological signals to enhance antibody production by splenic marginal zone B cells. <i>Nature Immunology</i> , 2014 , 15, 354-364	19.1	208
100	The translesion DNA polymerase zeta plays a major role in Ig and bcl-6 somatic hypermutation. <i>Immunity</i> , 2001 , 14, 643-53	32.3	183
99	Hodgkin lymphoma cells express TACI and BCMA receptors and generate survival and proliferation signals in response to BAFF and APRIL. <i>Blood</i> , 2007 , 109, 729-39	2.2	179
98	Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells. <i>Nature Immunology</i> , 2006 , 7, 302-10	19.1	178

97	Intestinal IgA production and its role in host-microbe interaction. <i>Immunological Reviews</i> , 2014 , 260, 76-85.3	165
96	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> , 1998 , 160, 2145-57	5.3 157
95	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> , 2011 , 54, 716-22	13.4 146
94	Vaccination strategies to promote mucosal antibody responses. <i>Immunity</i> , 2010 , 33, 479-91	32.3 115
93	CVID-associated TACI mutations affect autoreactive B cell selection and activation. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4283-93	15.9 109
92	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> , 2008 , 181, 276-87	5.3 95
91	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
90	Exosomes derived from Burkitt \odot lymphoma cell lines induce proliferation, differentiation, and class-switch recombination in B cells. <i>Journal of Immunology</i> , 2014 , 192, 5852-62	5.3 89
89	Innate control of B cell responses. <i>Trends in Immunology</i> , 2011 , 32, 202-11	14.4 83
88	New insights into the enigma of immunoglobulin D. <i>Immunological Reviews</i> , 2010 , 237, 160-79	11.3 83
87	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> , 2000 , 165, 786-94	5.3 81
86	Chronic lymphocytic leukemia B cells can undergo somatic hypermutation and intraclonal immunoglobulin V(H)DJ(H) gene diversification. <i>Journal of Experimental Medicine</i> , 2002 , 196, 629-39	16.6 78
85	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> , 2016 , 213, 53-73	16.6 74
84	Rethinking mucosal antibody responses: IgM, IgG and IgD join IgA. <i>Nature Reviews Immunology</i> , 2020 , 20, 427-441	36.5 72
83	IgM+IgD+CD27+ B cells are markedly reduced in IRAK-4-, MyD88-, and TIRAP- but not UNC-93B-deficient patients. <i>Blood</i> , 2012 , 120, 4992-5001	2.2 69
82	How can HIV-type-1-Env immunogenicity be improved to facilitate antibody-based vaccine development?. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 1-15	1.6 67
81	CD30 is a CD40-inducible molecule that negatively regulates CD40-mediated immunoglobulin class switching in non-antigen-selected human B cells. <i>Immunity</i> , 1998 , 9, 247-56	32.3 67
80	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> , 2011 , 31, 891-9	5.7 66

79	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> , 2020 , 27, 467-475.e6	23.4	64
78	The function and regulation of immunoglobulin D. <i>Current Opinion in Immunology</i> , 2011 , 23, 345-52	7.8	63
77	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> , 2012 , 188, 6071-83	5.3	60
76	Ongoing in vivo immunoglobulin class switch DNA recombination in chronic lymphocytic leukemia B cells. <i>Journal of Immunology</i> , 2002 , 169, 6594-603	5.3	58
75	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> , 1996 , 153, 1359-67	10.2	57
74	Expansion of inflammatory innate lymphoid cells in patients with common variable immune deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1206-1215.e6	11.5	56
73	Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. <i>Nature Medicine</i> , 2017 , 23, 128-135	50.5	53
72	The enigmatic function of IgD: some answers at last. <i>European Journal of Immunology</i> , 2018 , 48, 1101-1163		53
71	The B cell helper side of neutrophils. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 677-82	6.5	51
70	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> , 2016 , 213, 2167-85	16.6	50
69	Sensing Microbial Viability through Bacterial RNA Augments T Follicular Helper Cell and Antibody Responses. <i>Immunity</i> , 2018 , 48, 584-598.e5	32.3	49
68	Plasmacytoid dendritic cells and the regulation of immunoglobulin heavy chain class switching. <i>Immunology and Cell Biology</i> , 2005 , 83, 554-62	5	45
67	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , 2021 , 160, 2435-2450.e34	13.3	45
66	Dysregulation of CD30+ T cells by leukemia impairs isotype switching in normal B cells. <i>Nature Immunology</i> , 2001 , 2, 150-6	19.1	43
65	Brief Report: Late-Onset Cryopyrin-Associated Periodic Syndrome Due to Myeloid-Restricted Somatic NLRP3 Mosaicism. <i>Arthritis and Rheumatology</i> , 2016 , 68, 3035-3041	9.5	43
64	Somatic NOD2 mosaicism in Blau syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 484-7.e25		42
63	New helping friends for B cells. <i>European Journal of Immunology</i> , 2012 , 42, 1956-68	6.1	40
62	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> , 2000 , 165, 830-9	5.3	40

61	Location, location, location: B-cell differentiation in the gut lamina propria. <i>Mucosal Immunology</i> , 2008 , 1, 8-10	9.2	39
60	Secreted IgD Amplifies Humoral T Helper 2 Cell Responses by Binding Basophils via Galectin-9 and CD44. <i>Immunity</i> , 2018 , 49, 709-724.e8	32.3	39
59	Targeting HIV-1 envelope glycoprotein trimers to B cells by using APRIL improves antibody responses. <i>Journal of Virology</i> , 2012 , 86, 2488-500	6.6	38
58	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> , 2014 , 20, 1007-19	12.9	37
57	IRAK-4 and MyD88 deficiencies impair IgM responses against T-independent bacterial antigens. <i>Blood</i> , 2014 , 124, 3561-71	2.2	36
56	Regulation of mucosal IgA responses: lessons from primary immunodeficiencies. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1238, 132-44	6.5	35
55	Innate signaling networks in mucosal IgA class switching. <i>Advances in Immunology</i> , 2010 , 107, 31-69	5.6	35
54	Teleost IgDIgM B Cells Mount Clonally Expanded and Mildly Mutated Intestinal IgD Responses in the Absence of Lymphoid Follicles. <i>Cell Reports</i> , 2019 , 29, 4223-4235.e5	10.6	35
53	Transformation of follicular lymphoma to plasmablastic lymphoma with c-myc gene rearrangement. <i>American Journal of Clinical Pathology</i> , 2010 , 134, 972-81	1.9	32
52	mTOR intersects antibody-inducing signals from TACI in marginal zone B cells. <i>Nature Communications</i> , 2017 , 8, 1462	17.4	31
51	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> , 2003 , 278, 23141-50	5.4	30
50	Innate signals in mucosal immunoglobulin class switching. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 889-95; quiz 896-7	11.5	28
49	Activation of B cells by non-canonical helper signals. <i>EMBO Reports</i> , 2012 , 13, 798-810	6.5	26
48	Identification of a functional, CRM-1-dependent nuclear export signal in hepatitis C virus core protein. <i>PLoS ONE</i> , 2011 , 6, e25854	3.7	25
47	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> , 2011 , 127, 1579-86	11.5	24
46	Differential induction of plasma cells by isoforms of human TACI. <i>Blood</i> , 2015 , 125, 1749-58	2.2	23
45	Germinal center reaction: antigen affinity and presentation explain it all. <i>Trends in Immunology</i> , 2014 , 35, 287-9	14.4	23
44	Gamma delta T cell receptor subsets in the lung of patients with HIV-1 infection. <i>Cellular Immunology</i> , 1994 , 153, 194-205	4.4	23

43	Immunology. IgA changes the rules of memory. <i>Science</i> , 2010 , 328, 1646-7	33.3	21
42	B Cell-Activating Factor (BAFF)-Targeted B Cell Therapies in Inflammatory Bowel Diseases. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 3407-3424	4	20
41	Responsive population dynamics and wide seeding into the duodenal lamina propria of transglutaminase-2-specific plasma cells in celiac disease. <i>Mucosal Immunology</i> , 2016 , 9, 254-64	9.2	19
40	Gastrointestinal involvement attenuates COVID-19 severity and mortality 2020 ,		19
39	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> , 2012 , 137, 647-59	1.9	16
38	Gut T cell-independent IgA responses to commensal bacteria require engagement of the TACI receptor on B cells. <i>Science Immunology</i> , 2020 , 5,	28	15
37	Role of group 3 innate lymphoid cells in antibody production. <i>Current Opinion in Immunology</i> , 2015 , 33, 36-42	7.8	12
36	Regulation of frontline antibody responses by innate immune signals. <i>Immunologic Research</i> , 2012 , 54, 4-13	4.3	12
35	Naturally occurring mutation affecting the MyD88-binding site of TNFRSF13B impairs triggering of class switch recombination. <i>European Journal of Immunology</i> , 2013 , 43, 805-14	6.1	12
34	Tumour-infiltrating lymphocytes bear the 75 kDa tumour necrosis factor receptor. <i>British Journal of Cancer</i> , 1995 , 71, 240-5	8.7	12
33	Functional role of IL-2 receptors on tumour-infiltrating lymphocytes. <i>British Journal of Cancer</i> , 1994 , 69, 1046-51	8.7	11
32	Ongoing immunoglobulin class switch DNA recombination in lupus B cells: analysis of switch regulatory regions. <i>Autoimmunity</i> , 2004 , 37, 431-443	3	10
31	TACI Isoforms Regulate Ligand Binding and Receptor Function. <i>Frontiers in Immunology</i> , 2018 , 9, 2125	8.4	10
30	Protection by natural IgG: a sweet partnership with soluble lectins does the trick!. <i>EMBO Journal</i> , 2013 , 32, 2897-9	13	9
29	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> , 2010 , 3, 92-4; author reply 94-5	9.2	9
28	Massively parallel sequencing reveals maternal somatic IL2RG mosaicism in an X-linked severe combined immunodeficiency family. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 741-743.e2	11.5	8
27	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> , 2000 , 61, 1242-53	2.3	8
26	The immunophenotypic fingerprint of patients with primary antibody deficiencies is partially present in their asymptomatic first-degree relatives. <i>Haematologica</i> , 2017 , 102, 192-202	6.6	7

25	Strain-level differences in gut microbiome composition determine fecal IgA levels and are modifiable by gut microbiota manipulation		6
24	Influence of angiotensin-converting enzyme I/D gene polymorphism on clinical and histological correlates of chronic hepatitis C. <i>Hepatology Research</i> , 2009 , 39, 795-804	5.1	5
23	SARS-CoV-2-Specific Antibody Profiles Distinguish Patients with Moderate from Severe COVID-19		5
22	The TNF Family Members BAFF and APRIL Play an Important Role in Hodgkin Lymphoma.. <i>Blood</i> , 2005 , 106, 22-22	2.2	4
21	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> , 2021 , 12, 737083	8.4	4
20	HIV infection: TRAILing the killers. <i>Blood</i> , 2009 , 114, 3723-4	2.2	3
19	Copycat innate lymphoid cells dampen gut inflammation. <i>Cell Research</i> , 2015 , 25, 991-2	24.7	2
18	A Touch of Youth in Gut Microbiota Development. <i>Immunity</i> , 2016 , 45, 12-4	32.3	2
17	CEACAM1-S: the virtues of alternative splicing in gut immunity. <i>Immunity</i> , 2012 , 37, 768-70	32.3	2
16	Immunoglobulin A Antibody Composition Is Sculpted to Bind the Self Gut Microbiome		2
15	IgA Summons IgG to Take a Hit at HIV-1. <i>Cell Host and Microbe</i> , 2020 , 27, 854-856	23.4	2
14	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity.. <i>Nature Medicine</i> , 2022 ,	50.5	2
13	The Mucosal Immune System 2015 , 277-291		1
12	Immunology. Retroviral help for B cells. <i>Science</i> , 2014 , 346, 1454-5	33.3	1
11	Splenic Sinusoids Stimulate the Survival and Proliferation of Hairy Cell Leukemia B Cells through BAFF, APRIL and Heparan-Sulphate Proteoglycans.. <i>Blood</i> , 2006 , 108, 4959-4959	2.2	1
10	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> , 2007 , 110, 4707-4707	2.2	1
9	NOD2 mosaicism in Blau syndrome. <i>Pediatric Rheumatology</i> , 2015 , 13, P59	3.5	0
8	Regulation and Function of Mucosal IgA and IgD 2015 , 683-700		0

- 7 Modulaci3n del cambio de isotipo de las inmunoglobulinas por se1ales del sistema inmunitario innato. *Seminarios De La Fundaci3n Espa1ola De Reumatolog1a*, **2014**, 15, 11-18
- 6 Emerging roles of granulocytes in B cell responses. *Inmunologia (Barcelona, Spain: 1987)*, **2013**, 32, 25-34
- 5 HIV-1 Nef Suppresses T Cell-Dependent Immunoglobulin Class Switching by Inducing Inhibitors of CD40 and IL-4 Receptor Signaling in Bystander B Cells.. *Blood*, **2005**, 106, 325-325 2.2
- 4 Mucosal Epithelial Cells Initiate Frontline Immunoglobulin Class Switching through an SLPI-Regulated Pathway.. *Blood*, **2006**, 108, 3898-3898 2.2
- 3 Quantitative Assessment of DNA Editing Enzymes in B-Cell Lymphomas.. *Blood*, **2007**, 110, 4687-4687 2.2
- 2 Long-Distance Tunneling Nanotubules Shuttle Viral Immunoglobulin Class Switch-Suppressing Factors from HIV-Infected Macrophages to B Cells.. *Blood*, **2007**, 110, 2278-2278 2.2
- 1 **CD11c** Class Switch Recombination and IgD Production Contribute to Mucosal Immunity. *FASEB Journal*, **2008**, 22, 854.7 0.9