

Andrea Cerutti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8629794/publications.pdf>

Version: 2024-02-01

114
papers

11,981
citations

30070

54
h-index

27406

106
g-index

123
all docs

123
docs citations

123
times ranked

15289
citing authors

#	ARTICLE	IF	CITATIONS
1	DCs induce CD40-independent immunoglobulin class switching through BlyS and APRIL. <i>Nature Immunology</i> , 2002, 3, 822-829.	14.5	1,133
2	Intestinal Bacteria Trigger T Cell-Independent Immunoglobulin A2 Class Switching by Inducing Epithelial-Cell Secretion of the Cytokine APRIL. <i>Immunity</i> , 2007, 26, 812-826.	14.3	656
3	B cellâ€‘helper neutrophils stimulate the diversification and production of immunoglobulin in the marginal zone of the spleen. <i>Nature Immunology</i> , 2012, 13, 170-180.	14.5	615
4	Marginal zone B cells: virtues of innate-like antibody-producing lymphocytes. <i>Nature Reviews Immunology</i> , 2013, 13, 118-132.	22.7	612
5	The regulation of IgA class switching. <i>Nature Reviews Immunology</i> , 2008, 8, 421-434.	22.7	581
6	Mucus Enhances Gut Homeostasis and Oral Tolerance by Delivering Immunoregulatory Signals. <i>Science</i> , 2013, 342, 447-453.	12.6	508
7	The Biology of Intestinal Immunoglobulin A Responses. <i>Immunity</i> , 2008, 28, 740-750.	14.3	478
8	Immunoglobulin D enhances immune surveillance by activating antimicrobial, proinflammatory and B cellâ€‘stimulating programs in basophils. <i>Nature Immunology</i> , 2009, 10, 889-898.	14.5	362
9	Human memory B cells originate from three distinct germinal center-dependent and -independent maturation pathways. <i>Blood</i> , 2011, 118, 2150-2158.	1.4	331
10	Immunoglobulin Responses at the Mucosal Interface. <i>Annual Review of Immunology</i> , 2011, 29, 273-293.	21.8	309
11	The transmembrane activator TACI triggers immunoglobulin class switching by activating B cells through the adaptor MyD88. <i>Nature Immunology</i> , 2010, 11, 836-845.	14.5	295
12	Epithelial cells trigger frontline immunoglobulin class switching through a pathway regulated by the inhibitor SLPI. <i>Nature Immunology</i> , 2007, 8, 294-303.	14.5	262
13	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, 1008-1017.	14.5	249
14	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.	14.5	249
15	Intestinal IgA production and its role in hostâ€‘microbe interaction. <i>Immunological Reviews</i> , 2014, 260, 76-85.	6.0	227
16	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, 729-739.	1.4	205
17	The Translesion DNA Polymerase Î¶ Plays a Major Role in Ig and bcl-6 Somatic Hypermutation. <i>Immunity</i> , 2001, 14, 643-653.	14.3	199
18	Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells. <i>Nature Immunology</i> , 2006, 7, 302-310.	14.5	198

#	ARTICLE	IF	CITATIONS
19	Rethinking mucosal antibody responses: IgM, IgG and IgD join IgA. <i>Nature Reviews Immunology</i> , 2020, 20, 427-441.	22.7	165
20	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.	0.8	165
21	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, 716-722.	3.7	163
22	CVID-associated TACI mutations affect autoreactive B cell selection and activation. <i>Journal of Clinical Investigation</i> , 2013, 123, 4283-4293.	8.2	153
23	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.	14.3	151
24	Vaccination Strategies to Promote Mucosal Antibody Responses. <i>Immunity</i> , 2010, 33, 479-491.	14.3	138
25	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.	11.0	124
26	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.	1.3	118
27	New insights into the enigma of immunoglobulin D. <i>Immunological Reviews</i> , 2010, 237, 160-179.	6.0	111
28	Exosomes Derived from Burkitt's Lymphoma Cell Lines Induce Proliferation, Differentiation, and Class-Switch Recombination in B Cells. <i>Journal of Immunology</i> , 2014, 192, 5852-5862.	0.8	111
29	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, 276-287.	0.8	105
30	The enigmatic function of IgD: some answers at last. <i>European Journal of Immunology</i> , 2018, 48, 1101-1113.	2.9	101
31	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.	8.5	94
32	Innate control of B cell responses. <i>Trends in Immunology</i> , 2011, 32, 202-211.	6.8	92
33	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, 786-794.	0.8	89
34	Chronic Lymphocytic Leukemia B Cells Can Undergo Somatic Hypermutation and Intracлонаl Immunoglobulin VHDJH Gene Diversification. <i>Journal of Experimental Medicine</i> , 2002, 196, 629-639.	8.5	87
35	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.	1.4	87
36	Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. <i>Nature Medicine</i> , 2017, 23, 128-135.	30.7	85

#	ARTICLE	IF	CITATIONS
37	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, 6071-6083.	0.8	76
38	The function and regulation of immunoglobulin D. <i>Current Opinion in Immunology</i> , 2011, 23, 345-352.	5.5	75
39	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, 247-256.	14.3	74
40	Brief Report: Late-Onset Cryopyrin-Associated Periodic Syndrome Due to Myeloid-Restricted Somatic <i>NLRP3</i> Mosaicism. <i>Arthritis and Rheumatology</i> , 2016, 68, 3035-3041.	5.6	72
41	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, 891-899.	3.8	71
42	Sensing Microbial Viability through Bacterial RNA Augments T Follicular Helper Cell and Antibody Responses. <i>Immunity</i> , 2018, 48, 584-598.e5.	14.3	71
43	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity. <i>Nature Medicine</i> , 2022, 28, 766-779.	30.7	70
44	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.	1.1	69
45	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, 2167-2185.	8.5	69
46	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.	2.9	69
47	Teleost IgD+IgM ^{hi} 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.	6.4	67
48	mTOR intersects antibody-inducing signals from TACI in marginal zone B cells. <i>Nature Communications</i> , 2017, 8, 1462.	12.8	65
49	Ongoing In Vivo Immunoglobulin Class Switch DNA Recombination in Chronic Lymphocytic Leukemia B Cells. <i>Journal of Immunology</i> , 2002, 169, 6594-6603.	0.8	64
50	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, 1359-1367.	5.6	63
51	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.	14.3	60
52	Somatic NOD2 mosaicism in Blau syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 484-487.e2.	2.9	59
53	The B cell helper side of neutrophils. <i>Journal of Leukocyte Biology</i> , 2013, 94, 677-682.	3.3	58
54	IRAK-4 and MyD88 deficiencies impair IgM responses against T-independent bacterial antigens. <i>Blood</i> , 2014, 124, 3561-3571.	1.4	58

#	ARTICLE	IF	CITATIONS
55	B Cell Receptor Engagement and T Cell Contact Induce <i>bcl-6</i> Somatic Hypermutation in Human B Cells: Identity with Ig Hypermutation. <i>Journal of Immunology</i> , 2000, 165, 830-839.	0.8	57
56	Plasmacytoid dendritic cells and the regulation of immunoglobulin heavy chain class switching. <i>Immunology and Cell Biology</i> , 2005, 83, 554-562.	2.3	51
57	Location, location, location: B-cell differentiation in the gut lamina propria. <i>Mucosal Immunology</i> , 2008, 1, 8-10.	6.0	48
58	Regulation of mucosal IgA responses: lessons from primary immunodeficiencies. <i>Annals of the New York Academy of Sciences</i> , 2011, 1238, 132-144.	3.8	46
59	Differential induction of plasma cells by isoforms of human TACI. <i>Blood</i> , 2015, 125, 1749-1758.	1.4	45
60	Dysregulation of CD30+ T cells by leukemia impairs isotype switching in normal B cells. <i>Nature Immunology</i> , 2001, 2, 150-156.	14.5	44
61	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, 1007-1019.	7.0	44
62	New helping friends for <i>B</i> cells. <i>European Journal of Immunology</i> , 2012, 42, 1956-1968.	2.9	43
63	Innate Signaling Networks in Mucosal IgA Class Switching. <i>Advances in Immunology</i> , 2010, 107, 31-69.	2.2	42
64	Transformation of Follicular Lymphoma to Plasmablastic Lymphoma With c-myc Gene Rearrangement. <i>American Journal of Clinical Pathology</i> , 2010, 134, 972-981.	0.7	40
65	Targeting HIV-1 Envelope Glycoprotein Trimers to B Cells by Using APRIL Improves Antibody Responses. <i>Journal of Virology</i> , 2012, 86, 2488-2500.	3.4	40
66	Gut T cell-independent IgA responses to commensal bacteria require engagement of the TACI receptor on B cells. <i>Science Immunology</i> , 2020, 5, .	11.9	40
67	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, 23141-23150.	3.4	35
68	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, 1579-1586.	2.9	35
69	Innate signals in mucosal immunoglobulin class switching. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 889-895.	2.9	33
70	B Cell-Activating Factor (BAFF)-Targeted B Cell Therapies in Inflammatory Bowel Diseases. <i>Digestive Diseases and Sciences</i> , 2016, 61, 3407-3424.	2.3	32
71	Activation of B cells by non-canonical helper signals. <i>EMBO Reports</i> , 2012, 13, 798-810.	4.5	30
72	Identification of a Functional, CRM-1-Dependent Nuclear Export Signal in Hepatitis C Virus Core Protein. <i>PLoS ONE</i> , 2011, 6, e25854.	2.5	28

#	ARTICLE	IF	CITATIONS
73	Germinal center reaction: antigen affinity and presentation explain it all. Trends in Immunology, 2014, 35, 287-289.	6.8	28
74	β ² T Cell Receptor Subsets in the Lung of Patients with HIV-1 Infection. Cellular Immunology, 1994, 153, 194-205.	3.0	27
75	Responsive population dynamics and wide seeding into the duodenal lamina propria of transglutaminase-2-specific plasma cells in celiac disease. Mucosal Immunology, 2016, 9, 254-264.	6.0	26
76	TACI Isoforms Regulate Ligand Binding and Receptor Function. Frontiers in Immunology, 2018, 9, 2125.	4.8	26
77	IgA Changes the Rules of Memory. Science, 2010, 328, 1646-1647.	12.6	25
78	Composite Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma and Follicular Lymphoma Are Biclinal Lymphomas. American Journal of Clinical Pathology, 2012, 137, 647-659.	0.7	18
79	The mRNA-1273 Vaccine Induces Cross-Variant Antibody Responses to SARS-CoV-2 With Distinct Profiles in Individuals With or Without Pre-Existing Immunity. Frontiers in Immunology, 2021, 12, 737083.	4.8	18
80	Immunoglobulin A antibody composition is sculpted to bind the self gut microbiome. Science Immunology, 2022, 7, .	11.9	18
81	Tumour-infiltrating lymphocytes bear the 75 kDa tumour necrosis factor receptor. British Journal of Cancer, 1995, 71, 240-245.	6.4	17
82	Role of group 3 innate lymphoid cells in antibody production. Current Opinion in Immunology, 2015, 33, 36-42.	5.5	17
83	Mucosal Epithelial Cells Initiate Frontline Immunoglobulin Class Switching through an SLPI-Regulated Pathway.. Blood, 2006, 108, 3898-3898.	1.4	17
84	The immunophenotypic fingerprint of patients with primary antibody deficiencies is partially present in their asymptomatic first-degree relatives. Haematologica, 2017, 102, 192-202.	3.5	15
85	Naturally occurring mutation affecting the <sc>M</sc>y<sc>D</sc> binding site of <i><sc>TNFRSF</sc>13<sc>B</sc></i> impairs triggering of class switch recombination. European Journal of Immunology, 2013, 43, 805-814.	2.9	14
86	Functional role of IL-2 receptors on tumour-infiltrating lymphocytes. British Journal of Cancer, 1994, 69, 1046-1051.	6.4	12
87	Ongoing Immunoglobulin Class Switch DNA Recombination in Lupus B Cells: Analysis of Switch Regulatory Regions. Autoimmunity, 2004, 37, 431-443.	2.6	12
88	Regulation of frontline antibody responses by innate immune signals. Immunologic Research, 2012, 54, 4-13.	2.9	12
89	Massively parallel sequencing reveals maternal somatic IL2RG mosaicism in an X-linked severe combined immunodeficiency family. Journal of Allergy and Clinical Immunology, 2013, 132, 741-743.e2.	2.9	10
90	Protection by natural IgG: a sweet partnership with soluble lectins does the trick!. EMBO Journal, 2013, 32, 2897-2899.	7.8	10

#	ARTICLE	IF	CITATIONS
91	Comment on “Gut-associated lymphoid tissue contains the molecular machinery to support T-cell-dependent and T-cell-independent class switch recombination” Mucosal Immunology, 2010, 3, 92-94.	6.0	9
92	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. Human Immunology, 2000, 61, 1242-1253.	2.4	8
93	Influence of angiotensin-converting enzyme I/D gene polymorphism on clinical and histological correlates of chronic hepatitis C. Hepatology Research, 2009, 39, 795-804.	3.4	7
94	A gut triumvirate rules homeostasis. Nature Medicine, 2011, 17, 1549-1550.	30.7	6
95	The TNF Family Members BAFF and APRIL Play an Important Role in Hodgkin Lymphoma.. Blood, 2005, 106, 22-22.	1.4	5
96	HIV infection: TRAILing the killers. Blood, 2009, 114, 3723-3724.	1.4	3
97	Retroviral help for B cells. Science, 2014, 346, 1454-1455.	12.6	3
98	Copycat innate lymphoid cells dampen gut inflammation. Cell Research, 2015, 25, 991-992.	12.0	3
99	IgA Summons IgG to Take a Hit at HIV-1. Cell Host and Microbe, 2020, 27, 854-856.	11.0	3
100	CEACAM1-S: The Virtues of Alternative Splicing in Gut Immunity. Immunity, 2012, 37, 768-770.	14.3	2
101	A Touch of Youth in Gut Microbiota Development. Immunity, 2016, 45, 12-14.	14.3	2
102	Preface. Advances in Immunology, 2010, 107, xiii-xiv.	2.2	1
103	Emerging roles of granulocytes in B cell responses. Immunologia (Barcelona, Spain: 1987), 2013, 32, 25-34.	0.1	1
104	NOD2 mosaicism in Blau syndrome. Pediatric Rheumatology, 2015, 13, P59.	2.1	1
105	Regulation and Function of Mucosal IgA and IgD. , 2015, , 683-700.		1
106	The Mucosal Immune System. , 2015, , 277-291.		1
107	Mutations make gut antibodies promiscuous. Journal of Experimental Medicine, 2020, 217, .	8.5	1
108	Splenic Sinusoids Stimulate the Survival and Proliferation of Hairy Cell Leukemia B Cells through BAFF, APRIL and Heparan-Sulphate Proteoglycans.. Blood, 2006, 108, 4959-4959.	1.4	1

#	ARTICLE	IF	CITATIONS
109	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.. Blood, 2007, 110, 4707-4707.	1.4	1
110	AIDing the pursuit of IgA diversity. Nature Immunology, 2011, 12, 197-198.	14.5	0
111	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.	1.4	0
112	Quantitative Assessment of DNA Editing Enzymes in B-Cell Lymphomas.. Blood, 2007, 110, 4687-4687.	1.4	0
113	Long-Distance Tunneling Nanotubules Shuttle Viral Immunoglobulin Class Switch-Suppressing Factors from HIV-Infected Macrophages to B Cells.. Blood, 2007, 110, 2278-2278.	1.4	0
114	CÎ¼/Î³ Class Switch Recombination and IgD Production Contribute to Mucosal Immunity. FASEB Journal, 2008, 22, 854.7.	0.5	0