

Andrea Cerutti

List of Publications by Year in descending order

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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 | 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 |
| 2 | Immunoglobulin A antibody composition is sculpted to bind the self gut microbiome. <i>Science Immunology</i> , 2022, 7, . | 11.9 | 18 |
| 3 | 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 |
| 4 | 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. | 4.8 | 18 |
| 5 | 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 |
| 6 | IgA Summons IgG to Take a Hit at HIV-1. <i>Cell Host and Microbe</i> , 2020, 27, 854-856. | 11.0 | 3 |
| 7 | Mutations make gut antibodies promiscuous. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 8.5 | 1 |
| 8 | 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 |
| 9 | Rethinking mucosal antibody responses: IgM, IgG and IgD join IgA. <i>Nature Reviews Immunology</i> , 2020, 20, 427-441. | 22.7 | 165 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | TACI Isoforms Regulate Ligand Binding and Receptor Function. <i>Frontiers in Immunology</i> , 2018, 9, 2125. | 4.8 | 26 |
| 14 | The enigmatic function of IgD: some answers at last. <i>European Journal of Immunology</i> , 2018, 48, 1101-1113. | 2.9 | 101 |
| 15 | 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. | 3.5 | 15 |
| 16 | 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 |
| 17 | mTOR intersects antibody-inducing signals from TACI in marginal zone B cells. <i>Nature Communications</i> , 2017, 8, 1462. | 12.8 | 65 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | Brief Report: Late Onset Cryopyrin-Associated Periodic Syndrome Due to Myeloid-Restricted Somatic NLRP3 Mosaicism. <i>Arthritis and Rheumatology</i> , 2016, 68, 3035-3041. | 5.6 | 72 |
| 20 | 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 |
| 21 | 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 |
| 22 | A Touch of Youth in Gut Microbiota Development. <i>Immunity</i> , 2016, 45, 12-14. | 14.3 | 2 |
| 23 | 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 |
| 24 | 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, 254-264. | 6.0 | 26 |
| 25 | 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 |
| 26 | NOD2 mosaicism in Blau syndrome. <i>Pediatric Rheumatology</i> , 2015, 13, P59. | 2.1 | 1 |
| 27 | Regulation and Function of Mucosal IgA and IgD. , 2015, , 683-700. | | 1 |
| 28 | The Mucosal Immune System. , 2015, , 277-291. | | 1 |
| 29 | Role of group 3 innate lymphoid cells in antibody production. <i>Current Opinion in Immunology</i> , 2015, 33, 36-42. | 5.5 | 17 |
| 30 | Copycat innate lymphoid cells dampen gut inflammation. <i>Cell Research</i> , 2015, 25, 991-992. | 12.0 | 3 |
| 31 | Differential induction of plasma cells by isoforms of human TACI. <i>Blood</i> , 2015, 125, 1749-1758. | 1.4 | 45 |
| 32 | Somatic NOD2 mosaicism in Blau syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 484-487.e2. | 2.9 | 59 |
| 33 | 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 |
| 34 | Retroviral help for B cells. <i>Science</i> , 2014, 346, 1454-1455. | 12.6 | 3 |
| 35 | 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 |
| 36 | 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 |

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|----|--|------|-----------|
| 37 | Germinal center reaction: antigen affinity and presentation explain it all. <i>Trends in Immunology</i> , 2014, 35, 287-289. | 6.8 | 28 |
| 38 | Intestinal IgA production and its role in host-microbe interaction. <i>Immunological Reviews</i> , 2014, 260, 76-85. | 6.0 | 227 |
| 39 | IRAK-4 and MyD88 deficiencies impair IgM responses against T-independent bacterial antigens. <i>Blood</i> , 2014, 124, 3561-3571. | 1.4 | 58 |
| 40 | Mucus Enhances Gut Homeostasis and Oral Tolerance by Delivering Immunoregulatory Signals. <i>Science</i> , 2013, 342, 447-453. | 12.6 | 508 |
| 41 | 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. | 2.9 | 10 |
| 42 | The B cell helper side of neutrophils. <i>Journal of Leukocyte Biology</i> , 2013, 94, 677-682. | 3.3 | 58 |
| 43 | Emerging roles of granulocytes in B cell responses. <i>Immunologia (Barcelona, Spain: 1987)</i> , 2013, 32, 25-34. | 0.1 | 1 |
| 44 | Marginal zone B cells: virtues of innate-like antibody-producing lymphocytes. <i>Nature Reviews Immunology</i> , 2013, 13, 118-132. | 22.7 | 612 |
| 45 | Protection by natural IgG: a sweet partnership with soluble lectins does the trick!. <i>EMBO Journal</i> , 2013, 32, 2897-2899. | 7.8 | 10 |
| 46 | Naturally occurring mutation affecting the M α D α binding site of TNFRSF13B impairs triggering of class switch recombination. <i>European Journal of Immunology</i> , 2013, 43, 805-814. | 2.9 | 14 |
| 47 | CVID-associated TACI mutations affect autoreactive B cell selection and activation. <i>Journal of Clinical Investigation</i> , 2013, 123, 4283-4293. | 8.2 | 153 |
| 48 | Composite Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma and Follicular Lymphoma Are Biclinal Lymphomas. <i>American Journal of Clinical Pathology</i> , 2012, 137, 647-659. | 0.7 | 18 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | CEACAM1-S: The Virtues of Alternative Splicing in Gut Immunity. <i>Immunity</i> , 2012, 37, 768-770. | 14.3 | 2 |
| 54 | B cell 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 |

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|----|--|------|-----------|
| 55 | New helping friends for <scp>B</scp> cells. <i>European Journal of Immunology</i> , 2012, 42, 1956-1968. | 2.9 | 43 |
| 56 | Activation of B cells by nonâ€œcanonical helper signals. <i>EMBO Reports</i> , 2012, 13, 798-810. | 4.5 | 30 |
| 57 | Regulation of frontline antibody responses by innate immune signals. <i>Immunologic Research</i> , 2012, 54, 4-13. | 2.9 | 12 |
| 58 | 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 |
| 59 | A gut triumvirate rules homeostasis. <i>Nature Medicine</i> , 2011, 17, 1549-1550. | 30.7 | 6 |
| 60 | Innate control of B cell responses. <i>Trends in Immunology</i> , 2011, 32, 202-211. | 6.8 | 92 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | AIDing the pursuit of IgA diversity. <i>Nature Immunology</i> , 2011, 12, 197-198. | 14.5 | 0 |
| 65 | 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 |
| 66 | Immunoglobulin Responses at the Mucosal Interface. <i>Annual Review of Immunology</i> , 2011, 29, 273-293. | 21.8 | 309 |
| 67 | 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 |
| 68 | The function and regulation of immunoglobulin D. <i>Current Opinion in Immunology</i> , 2011, 23, 345-352. | 5.5 | 75 |
| 69 | Vaccination Strategies to Promote Mucosal Antibody Responses. <i>Immunity</i> , 2010, 33, 479-491. | 14.3 | 138 |
| 70 | New insights into the enigma of immunoglobulin D. <i>Immunological Reviews</i> , 2010, 237, 160-179. | 6.0 | 111 |
| 71 | 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 |
| 72 | Transformation of Follicular Lymphoma to Plasmablastic Lymphoma With c-mycGene Rearrangement. <i>American Journal of Clinical Pathology</i> , 2010, 134, 972-981. | 0.7 | 40 |

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|----|---|------|-----------|
| 73 | 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, 92-94. | 6.0 | 9 |
| 74 | Innate Signaling Networks in Mucosal IgA Class Switching. <i>Advances in Immunology</i> , 2010, 107, 31-69. | 2.2 | 42 |
| 75 | Preface. <i>Advances in Immunology</i> , 2010, 107, xiii-xiv. | 2.2 | 1 |
| 76 | Innate signals in mucosal immunoglobulin class switching. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 889-895. | 2.9 | 33 |
| 77 | IgA Changes the Rules of Memory. <i>Science</i> , 2010, 328, 1646-1647. | 12.6 | 25 |
| 78 | Immunoglobulin D enhances immune surveillance by activating antimicrobial, proinflammatory and B cell-stimulating programs in basophils. <i>Nature Immunology</i> , 2009, 10, 889-898. | 14.5 | 362 |
| 79 | 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 |
| 80 | 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. | 3.4 | 7 |
| 81 | HIV infection: TRAILing the killers. <i>Blood</i> , 2009, 114, 3723-3724. | 1.4 | 3 |
| 82 | The regulation of IgA class switching. <i>Nature Reviews Immunology</i> , 2008, 8, 421-434. | 22.7 | 581 |
| 83 | The Biology of Intestinal Immunoglobulin A Responses. <i>Immunity</i> , 2008, 28, 740-750. | 14.3 | 478 |
| 84 | Location, location, location: B-cell differentiation in the gut lamina propria. <i>Mucosal Immunology</i> , 2008, 1, 8-10. | 6.0 | 48 |
| 85 | 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 |
| 86 | C μ 4 μ Class Switch Recombination and IgD Production Contribute to Mucosal Immunity. <i>FASEB Journal</i> , 2008, 22, 854.7. | 0.5 | 0 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | Quantitative Assessment of DNA Editing Enzymes in B-Cell Lymphomas.. <i>Blood</i> , 2007, 110, 4687-4687. | 1.4 | 0 |

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|-----|---|------|-----------|
| 91 | 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 |
| 92 | 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 |
| 93 | Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells. Nature Immunology, 2006, 7, 302-310. | 14.5 | 198 |
| 94 | Mucosal Epithelial Cells Initiate Frontline Immunoglobulin Class Switching through an SLPI-Regulated Pathway.. Blood, 2006, 108, 3898-3898. | 1.4 | 17 |
| 95 | 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 |
| 96 | Plasmacytoid dendritic cells and the regulation of immunoglobulin heavy chain class switching. Immunology and Cell Biology, 2005, 83, 554-562. | 2.3 | 51 |
| 97 | The TNF Family Members BAFF and APRIL Play an Important Role in Hodgkin Lymphoma.. Blood, 2005, 106, 22-22. | 1.4 | 5 |
| 98 | 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 |
| 99 | Ongoing Immunoglobulin Class Switch DNA Recombination in Lupus B Cells: Analysis of Switch Regulatory Regions. Autoimmunity, 2004, 37, 431-443. | 2.6 | 12 |
| 100 | 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. Journal of Biological Chemistry, 2003, 278, 23141-23150. | 3.4 | 35 |
| 101 | Chronic Lymphocytic Leukemia B Cells Can Undergo Somatic Hypermutation and Intracлонаl Immunoglobulin VHDJH Gene Diversification. Journal of Experimental Medicine, 2002, 196, 629-639. | 8.5 | 87 |
| 102 | Ongoing In Vivo Immunoglobulin Class Switch DNA Recombination in Chronic Lymphocytic Leukemia B Cells. Journal of Immunology, 2002, 169, 6594-6603. | 0.8 | 64 |
| 103 | DCs induce CD40-independent immunoglobulin class switching through BLyS and APRIL. Nature Immunology, 2002, 3, 822-829. | 14.5 | 1,133 |
| 104 | The Translesion DNA Polymerase η Plays a Major Role in Ig and bcl-6 Somatic Hypermutation. Immunity, 2001, 14, 643-653. | 14.3 | 199 |
| 105 | Dysregulation of CD30+ T cells by leukemia impairs isotype switching in normal B cells. Nature Immunology, 2001, 2, 150-156. | 14.5 | 44 |
| 106 | B Cell Receptor Engagement and T Cell Contact Induce bcl-6 Somatic Hypermutation in Human B Cells: Identity with Ig Hypermutation. Journal of Immunology, 2000, 165, 830-839. | 0.8 | 57 |
| 107 | Engagement of CD153 (CD30 Ligand) by CD30+T Cells Inhibits Class Switch DNA Recombination and Antibody Production in Human IgD+IgM+B Cells. Journal of Immunology, 2000, 165, 786-794. | 0.8 | 89 |
| 108 | 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 |

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|-----|--|------|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Tumour-infiltrating lymphocytes bear the 75 kDa tumour necrosis factor receptor. <i>British Journal of Cancer</i> , 1995, 71, 240-245. | 6.4 | 17 |
| 113 | β ₃ T Cell Receptor Subsets in the Lung of Patients with HIV-1 Infection. <i>Cellular Immunology</i> , 1994, 153, 194-205. | 3.0 | 27 |
| 114 | Functional role of IL-2 receptors on tumour-infiltrating lymphocytes. <i>British Journal of Cancer</i> , 1994, 69, 1046-1051. | 6.4 | 12 |