

Christopher Sundling

List of Publications by Year in descending order

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46
papers

1,669
citations

304743

22
h-index

302126

39
g-index

52
all docs

52
docs citations

52
times ranked

2961
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of germinal center B cells into plasma cells is initiated by high-affinity antigen and completed by Tfh cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 1259-1267.	8.5	232
2	Plasma cell and memory B cell differentiation from the germinal center. <i>Current Opinion in Immunology</i> , 2017, 45, 97-102.	5.5	139
3	High-Resolution Definition of Vaccine-Elicited B Cell Responses Against the HIV Primary Receptor Binding Site. <i>Science Translational Medicine</i> , 2012, 4, 142ra96.	12.4	108
4	Soluble HIV-1 Env trimers in adjuvant elicit potent and diverse functional B cell responses in primates. <i>Journal of Experimental Medicine</i> , 2010, 207, 2003-2017.	8.5	106
5	Immunization-Elicited Broadly Protective Antibody Reveals Ebolavirus Fusion Loop as a Site of Vulnerability. <i>Cell</i> , 2017, 169, 891-904.e15.	28.9	103
6	Isolation of antibody V(D)J sequences from single cell sorted rhesus macaque B cells. <i>Journal of Immunological Methods</i> , 2012, 386, 85-93.	1.4	74
7	Human B Cell Responses to TLR Ligands Are Differentially Modulated by Myeloid and Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2009, 182, 1991-2001.	0.8	71
8	Vaccine-elicited primate antibodies use a distinct approach to the HIV-1 primary receptor binding site informing vaccine redesign. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E738-47.	7.1	66
9	Single-Cell and Deep Sequencing of IgG-Switched Macaque B Cells Reveal a Diverse Ig Repertoire following Immunization. <i>Journal of Immunology</i> , 2014, 192, 3637-3644.	0.8	55
10	Human Immunodeficiency Virus Type 1 Env Trimer Immunization of Macaques and Impact of Priming with Viral Vector or Stabilized Core Protein. <i>Journal of Virology</i> , 2009, 83, 540-551.	3.4	54
11	B cell profiling in malaria reveals expansion and remodeling of CD11c+ B cell subsets. <i>JCI Insight</i> , 2019, 4, .	5.0	48
12	CTA1-DD adjuvant promotes strong immunity against human immunodeficiency virus type 1 envelope glycoproteins following mucosal immunization. <i>Journal of General Virology</i> , 2008, 89, 2954-2964.	2.9	47
13	Antibody responses to merozoite antigens after natural <i>Plasmodium falciparum</i> infection: kinetics and longevity in absence of re-exposure. <i>BMC Medicine</i> , 2019, 17, 22.	5.5	47
14	Influence of Novel CD4 Binding-Defective HIV-1 Envelope Glycoprotein Immunogens on Neutralizing Antibody and T-Cell Responses in Nonhuman Primates. <i>Journal of Virology</i> , 2010, 84, 1683-1695.	3.4	44
15	Human and rhesus plasmacytoid dendritic cell and B-cell responses to Toll-like receptor stimulation. <i>Immunology</i> , 2011, 134, 257-269.	4.4	43
16	IFN- γ produced by human plasmacytoid dendritic cells enhances T cell-dependent na \ddot{A} -ve B cell differentiation. <i>Journal of Leukocyte Biology</i> , 2011, 89, 811-821.	3.3	38
17	Positive selection of IgG+ over IgM+ B cells in the germinal center reaction. <i>Immunity</i> , 2021, 54, 988-1001.e5.	14.3	37
18	Rhesus Macaque B-Cell Responses to an HIV-1 Trimer Vaccine Revealed by Unbiased Longitudinal Repertoire Analysis. <i>MBio</i> , 2015, 6, e01375-15.	4.1	31

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19	Lipoarabinomannan in Active and Passive Protection Against Tuberculosis. <i>Frontiers in Immunology</i> , 2019, 10, 1968.	4.8	30
20	Immunization of Macaques With Soluble HIV Type 1 and Influenza Virus Envelope Glycoproteins Results in a Similarly Rapid Contraction of Peripheral B-Cell Responses After Boosting. <i>Journal of Infectious Diseases</i> , 2013, 207, 426-431.	4.0	27
21	High-Resolution Longitudinal Study of HIV-1 Env Vaccine-Induced B Cell Responses to the Virus Primary Receptor Binding Site Reveals Affinity Maturation and Clonal Persistence. <i>Journal of Immunology</i> , 2016, 196, 3729-3743.	0.8	26
22	Diverse Antibody Genetic and Recognition Properties Revealed following HIV-1 Envelope Glycoprotein Immunization. <i>Journal of Immunology</i> , 2015, 194, 5903-5914.	0.8	24
23	CD138 and CD31 Double-Positive Cells Comprise the Functional Antibody-Secreting Plasma Cell Compartment in Primate Bone Marrow. <i>Frontiers in Immunology</i> , 2016, 7, 242.	4.8	24
24	HIV-1 Receptor Binding Site-Directed Antibodies Using a VH1-2 Gene Segment Orthologue Are Activated by Env Trimer Immunization. <i>PLoS Pathogens</i> , 2014, 10, e1004337.	4.7	23
25	Extensive dissemination and intraclonal maturation of HIV Env vaccine-induced B cell responses. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	23
26	Immunization with Wild-Type or CD4-Binding-Defective HIV-1 Env Trimers Reduces Viremia Equivalently following Heterologous Challenge with Simian-Human Immunodeficiency Virus. <i>Journal of Virology</i> , 2010, 84, 9086-9095.	3.4	19
27	Fine epitope signature of antibody neutralization breadth at the HIV-1 envelope CD4-binding site. <i>JCI Insight</i> , 2018, 3, .	5.0	16
28	Primate immune responses to HIV-1 Env formulated in the saponin-based adjuvant AbISCO-100 in the presence or absence of TLR9 co-stimulation. <i>Scientific Reports</i> , 2015, 5, 8925.	3.3	15
29	Multiplex analysis of antigen-specific memory B cells in humans using reversed B-cell FluoroSpot. <i>Journal of Immunological Methods</i> , 2020, 478, 112715.	1.4	14
30	Increased human immunodeficiency virus type 1 Env expression and antibody induction using an enhanced alphavirus vector. <i>Journal of General Virology</i> , 2007, 88, 2774-2779.	2.9	10
31	Distinct kinetics of antibodies to 111 <i>Plasmodium falciparum</i> proteins identifies markers of recent malaria exposure. <i>Nature Communications</i> , 2022, 13, 331.	12.8	10
32	Systems analysis shows a role of cytophilic antibodies in shaping innate tolerance to malaria. <i>Cell Reports</i> , 2022, 39, 110709.	6.4	10
33	Alternative B Cell Differentiation During Infection and Inflammation. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	10
34	Generation of plasma cells and CD27 ⁺ IgD ⁺ B cells during hantavirus infection is associated with distinct pathological findings. <i>Clinical and Translational Immunology</i> , 2021, 10, e1313.	3.8	7
35	High Dimensional Immune Profiling Reveals Different Response Patterns in Active and Latent Tuberculosis Following Stimulation With Mycobacterial Glycolipids. <i>Frontiers in Immunology</i> , 2021, 12, 727300.	4.8	7
36	A simple and safe technique for longitudinal bone marrow aspiration in cynomolgus and rhesus macaques. <i>Journal of Immunological Methods</i> , 2014, 408, 137-141.	1.4	6

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37	Memory B-Cell Responses Against Merozoite Antigens After Acute Plasmodium falciparum Malaria, Assessed Over One Year Using a Novel Multiplexed FluoroSpot Assay. <i>Frontiers in Immunology</i> , 2020, 11, 619398.	4.8	6
38	A longitudinal study of plasma BAFF levels in mothers and their infants in Uganda, and correlations with subsets of B cells. <i>PLoS ONE</i> , 2021, 16, e0245431.	2.5	4
39	Preserved Mucosal-Associated Invariant T Cells in the Cervical Mucosa of HIV-Infected Women with Dominant Expression of the <i>TRAV1-2</i> T Cell Receptor α -Chain. <i>Journal of Infectious Diseases</i> , 2022, 226, 1428-1440.	4.0	4
40	HIV-1 Vaccine-elicited Antibodies Reverted to Their Inferred Naive Germline Reveal Associations between Binding Affinity and in vivo Activation. <i>Scientific Reports</i> , 2016, 6, 20987.	3.3	3
41	Plasmodium falciparum-Specific Memory B-Cell and Antibody Responses Are Associated With Immunity in Children Living in an Endemic Area of Kenya. <i>Frontiers in Immunology</i> , 2022, 13, 799306.	4.8	3
42	Stabilization of blood for long-term storage can affect antibody-based recognition of cell surface markers. <i>Journal of Immunological Methods</i> , 2020, 481-482, 112792.	1.4	1
43	OA05-05. Impact of in vivo CD4 binding during HIV-1 Env trimer immunizations of rhesus macaques. <i>Retrovirology</i> , 2009, 6, .	2.0	0
44	P05-07. Evaluation of peripheral and bone marrow B cell responses in rhesus macaques after immunization with soluble HIV-1 gp140 trimers. <i>Retrovirology</i> , 2009, 6, .	2.0	0
45	Soluble HIV-1 Env trimers in adjuvant elicit potent and diverse functional B cell responses in primates. <i>Journal of Experimental Medicine</i> , 2010, 207, 2283-2283.	8.5	0
46	CTI special feature on innate immune responses and vaccine design. <i>Clinical and Translational Immunology</i> , 2016, 5, e96.	3.8	0