

Susan Moir

List of Publications by Year in descending order

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81
papers

9,729
citations

47006

47
h-index

69250

77
g-index

83
all docs

83
docs citations

83
times ranked

12482
citing authors

#	ARTICLE	IF	CITATIONS
1	Activated STING in a Vascular and Pulmonary Syndrome. <i>New England Journal of Medicine</i> , 2014, 371, 507-518.	27.0	1,074
2	Evidence for HIV-associated B cell exhaustion in a dysfunctional memory B cell compartment in HIV-infected viremic individuals. <i>Journal of Experimental Medicine</i> , 2008, 205, 1797-1805.	8.5	782
3	B cells in HIV infection and disease. <i>Nature Reviews Immunology</i> , 2009, 9, 235-245.	22.7	560
4	Atypical Memory B Cells Are Greatly Expanded in Individuals Living in a Malaria-Endemic Area. <i>Journal of Immunology</i> , 2009, 183, 2176-2182.	0.8	398
5	Effect of HIV Antibody VRC01 on Viral Rebound after Treatment Interruption. <i>New England Journal of Medicine</i> , 2016, 375, 2037-2050.	27.0	391
6	Pathogenic Mechanisms of HIV Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2011, 6, 223-248.	22.4	312
7	IL-7 administration drives T cell cycle entry and expansion in HIV-1 infection. <i>Blood</i> , 2009, 113, 6304-6314.	1.4	291
8	Additive loss-of-function proteasome subunit mutations in CANDLE/PRAAS patients promote type I IFN production. <i>Journal of Clinical Investigation</i> , 2015, 125, 4196-4211.	8.2	258
9	B cells in early and chronic HIV infection: evidence for preservation of immune function associated with early initiation of antiretroviral therapy. <i>Blood</i> , 2010, 116, 5571-5579.	1.4	234
10	Decreased Survival of B Cells of HIV-viremic Patients Mediated by Altered Expression of Receptors of the TNF Superfamily. <i>Journal of Experimental Medicine</i> , 2004, 200, 587-600.	8.5	211
11	CRISPR-Cas9 gene repair of hematopoietic stem cells from patients with X-linked chronic granulomatous disease. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	207
12	HIV reservoirs as obstacles and opportunities for an HIV cure. <i>Nature Immunology</i> , 2015, 16, 584-589.	14.5	200
13	Partial reconstitution of humoral immunity and fewer infections in patients with chronic lymphocytic leukemia treated with ibrutinib. <i>Blood</i> , 2015, 126, 2213-2219.	1.4	198
14	Appearance of immature/transitional B cells in HIV-infected individuals with advanced disease: Correlation with increased IL-7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2262-2267.	7.1	180
15	B Cells of HIV-1 Infected Patients Bind Virions through Cd21 Complement Interactions and Transmit Infectious Virus to Activated T Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 637-646.	8.5	178
16	Congenital B cell lymphocytosis explained by novel germline <i>CARD11</i> mutations. <i>Journal of Experimental Medicine</i> , 2012, 209, 2247-2261.	8.5	167
17	Time-resolved systems immunology reveals a late juncture linked to fatal COVID-19. <i>Cell</i> , 2021, 184, 1836-1857.e22.	28.9	167
18	T-bet ⁺ B cells are induced by human viral infections and dominate the HIV gp140 response. <i>JCI Insight</i> , 2017, 2, .	5.0	164

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19	Compromised B Cell Responses to Influenza Vaccination in HIV-infected Individuals. <i>Journal of Infectious Diseases</i> , 2005, 191, 1442-1450.	4.0	163
20	Atypical memory B cells in human chronic infectious diseases: An interim report. <i>Cellular Immunology</i> , 2017, 321, 18-25.	3.0	157
21	Distinct interferon signatures and cytokine patterns define additional systemic autoinflammatory diseases. <i>Journal of Clinical Investigation</i> , 2020, 130, 1669-1682.	8.2	142
22	B-cell responses to HIV infection. <i>Immunological Reviews</i> , 2017, 275, 33-48.	6.0	141
23	Follicular CD8 T cells accumulate in HIV infection and can kill infected cells in vitro via bispecific antibodies. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	135
24	Pathogenic mechanisms of B-lymphocyte dysfunction in HIV disease. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 12-19.	2.9	132
25	Insights into B cells and HIV-specific B-cell responses in HIV-infected individuals. <i>Immunological Reviews</i> , 2013, 254, 207-224.	6.0	130
26	Abnormal B cell memory subsets dominate HIV-specific responses in infected individuals. <i>Journal of Clinical Investigation</i> , 2014, 124, 3252-3262.	8.2	130
27	Immune regulation by glucocorticoids can be linked to cell type-dependent transcriptional responses. <i>Journal of Experimental Medicine</i> , 2019, 216, 384-406.	8.5	130
28	Normalization of B Cell Counts and Subpopulations after Antiretroviral Therapy in Chronic HIV Disease. <i>Journal of Infectious Diseases</i> , 2008, 197, 572-579.	4.0	128
29	Attenuation of HIV-associated human B cell exhaustion by siRNA downregulation of inhibitory receptors. <i>Journal of Clinical Investigation</i> , 2011, 121, 2614-2624.	8.2	121
30	Glycosylation, Hypogammaglobulinemia, and Resistance to Viral Infections. <i>New England Journal of Medicine</i> , 2014, 370, 1615-1625.	27.0	117
31	Broadly neutralizing antibodies target the coronavirus fusion peptide. <i>Science</i> , 2022, 377, 728-735.	12.6	111
32	A randomized controlled safety/efficacy trial of therapeutic vaccination in HIV-infected individuals who initiated antiretroviral therapy early in infection. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	105
33	Idiopathic CD4+ T lymphocytopenia is associated with increases in immature/transitional B cells and serum levels of IL-7. <i>Blood</i> , 2007, 109, 2086-2088.	1.4	101
34	A Longitudinal Study of COVID-19 Sequelae and Immunity: Baseline Findings. <i>Annals of Internal Medicine</i> , 2022, 175, 969-979.	3.9	99
35	Deleterious Effect of HIV-1 Plasma Viremia on B Cell Costimulatory Function. <i>Journal of Immunology</i> , 2003, 170, 5965-5972.	0.8	95
36	Siglecs Facilitate HIV-1 Infection of Macrophages through Adhesion with Viral Sialic Acids. <i>PLoS ONE</i> , 2011, 6, e24559.	2.5	94

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37	B-cell exhaustion in HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 472-477.	3.8	89
38	Reversible Reprogramming of Circulating Memory T Follicular Helper Cell Function during Chronic HIV Infection. <i>Journal of Immunology</i> , 2015, 195, 5625-5636.	0.8	74
39	Germline CARD11 Mutation in a Patient with Severe Congenital B Cell Lymphocytosis. <i>Journal of Clinical Immunology</i> , 2015, 35, 32-46.	3.8	74
40	Perturbations in B cell responsiveness to CD4+ T cell help in HIV-infected individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6057-6062.	7.1	73
41	Two overrepresented B cell populations in HIV-infected individuals undergo apoptosis by different mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19436-19441.	7.1	73
42	Broadly neutralizing antibodies suppress HIV in the persistent viral reservoir. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13151-13156.	7.1	72
43	Shared transcriptional profiles of atypical B cells suggest common drivers of expansion and function in malaria, HIV, and autoimmunity. <i>Science Advances</i> , 2021, 7, .	10.3	68
44	Overexpression of T-bet in HIV infection is associated with accumulation of B cells outside germinal centers and poor affinity maturation. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	65
45	CD40-Mediated Induction of CD4 and CXCR4 on B Lymphocytes Correlates with Restricted Susceptibility to Human Immunodeficiency Virus Type 1 Infection: Potential Role of B Lymphocytes as a Viral Reservoir. <i>Journal of Virology</i> , 1999, 73, 7972-7980.	3.4	61
46	Characterization of Plasmablasts in the Blood of HIV-Infected Viremic Individuals: Evidence for Nonspecific Immune Activation. <i>Journal of Virology</i> , 2013, 87, 5800-5811.	3.4	57
47	Effect of Antiretroviral Therapy on HIV Reservoirs in Elite Controllers. <i>Journal of Infectious Diseases</i> , 2013, 208, 1443-1447.	4.0	56
48	Peripheral Blood B Cell Subset Skewing Is Associated with Altered Cell Cycling and Intrinsic Resistance to Apoptosis and Reflects a State of Immune Activation in Chronic Hepatitis C Virus Infection. <i>Journal of Immunology</i> , 2010, 185, 3019-3027.	0.8	52
49	Maintenance of HIV-Specific Memory B-Cell Responses in Elite Controllers Despite Low Viral Burdens. <i>Journal of Infectious Diseases</i> , 2016, 214, 390-398.	4.0	43
50	Maturational characteristics of HIV-specific antibodies in viremic individuals. <i>JCI Insight</i> , 2016, 1, .	5.0	42
51	CD300a is expressed on human B cells, modulates BCR-mediated signaling, and its expression is down-regulated in HIV infection. <i>Blood</i> , 2011, 117, 5870-5880.	1.4	40
52	Follicular CD4 T Helper Cells As a Major HIV Reservoir Compartment: A Molecular Perspective. <i>Frontiers in Immunology</i> , 2018, 9, 895.	4.8	40
53	An open-label phase 1 clinical trial of the anti- IL-4 IL-7 monoclonal antibody vedolizumab in HIV-infected individuals. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	40
54	Prospects for an HIV vaccine: leading B cells down the right path. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1317-1321.	8.2	38

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55	Decreased survival of B cells of HIV-viremic patients mediated by altered expression of receptors of the TNF superfamily. <i>Journal of Experimental Medicine</i> , 2004, 200, 587-99.	8.5	38
56	CpG Oligonucleotides Enhance Proliferative and Effector Responses of B Cells in HIV-Infected Individuals. <i>Journal of Immunology</i> , 2008, 181, 1199-1206.	0.8	37
57	Human Immunodeficiency Virus Type 1 Bound to B Cells: Relationship to Virus Replicating in CD4+ T Cells and Circulating in Plasma. <i>Journal of Virology</i> , 2002, 76, 8855-8863.	3.4	36
58	Impaired B cell immunity in acute myeloid leukemia patients after chemotherapy. <i>Journal of Translational Medicine</i> , 2017, 15, 155.	4.4	35
59	Role for CD21 in the Establishment of an Extracellular HIV Reservoir in Lymphoid Tissues. <i>Journal of Immunology</i> , 2007, 178, 6968-6974.	0.8	32
60	Humans with chronic granulomatous disease maintain humoral immunologic memory despite low frequencies of circulating memory B cells. <i>Blood</i> , 2012, 120, 4850-4858.	1.4	31
61	IgG3 regulates tissue-like memory B cells in HIV-infected individuals. <i>Nature Immunology</i> , 2018, 19, 1001-1012.	14.5	27
62	Enhancing effects of adjuvanted 2009 pandemic H1N1 influenza A vaccine on memory B-cell responses in HIV-infected individuals. <i>Aids</i> , 2011, 25, 295-302.	2.2	25
63	Gravesâ€™ disease as immune reconstitution disease in HIV-positive patients is associated with naive and primary thymic emigrant CD4+ T-cell recovery. <i>Aids</i> , 2014, 28, 31-39.	2.2	23
64	Productive infection of normal CD40-activated human B lymphocytes by HIV-1. <i>Aids</i> , 1994, 8, 1539-1544.	2.2	22
65	Nef, macrophages and B cells: a highway for evasion. <i>Immunology and Cell Biology</i> , 2010, 88, 1-2.	2.3	22
66	CXCR4/IgG-expressing plasma cells are associated with human gastrointestinal tissue inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1676-1685.e5.	2.9	20
67	B-cell abnormalities in HIV-1 infection. <i>Current Opinion in HIV and AIDS</i> , 2019, 14, 240-245.	3.8	19
68	Early human B cell signatures of the primary antibody response to mRNA vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
69	A follicular regulatory Innate Lymphoid Cell population impairs interactions between germinal center Tfh and B cells. <i>Communications Biology</i> , 2021, 4, 563.	4.4	16
70	HIV-1 targets L-selectin for adhesion and induces its shedding for viral release. <i>Nature Communications</i> , 2018, 9, 2825.	12.8	15
71	Bone Marrow Plasma Cells Are a Primary Source of Serum HIV-1â€™Specific Antibodies in Chronically Infected Individuals. <i>Journal of Immunology</i> , 2015, 194, 2561-2568.	0.8	13
72	Glycan-dependent HIV-specific neutralizing antibodies bind to cells of uninfected individuals. <i>Journal of Clinical Investigation</i> , 2019, 129, 4832-4837.	8.2	11

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73	<i>Salmonella</i> Susceptibility. Science, 2010, 328, 439-440.	12.6	9
74	Evaluation of B Cell Function in Patients with HIV. Current Protocols in Immunology, 2013, 100, Unit 12.13..	3.6	7
75	Germinal Center T follicular helper (GC-Tfh) cell impairment in chronic HIV infection involves c-Maf signaling. PLoS Pathogens, 2021, 17, e1009732.	4.7	4
76	Persistently elevated abnormal B cell subpopulations and anti-core antibodies in patients co-infected with HIV/HCV who relapse. Journal of Medical Virology, 2015, 87, 544-552.	5.0	3
77	The Immunology of Human Immunodeficiency Virus Infection. , 2015, , 1526-1540.e3.		3
78	T-bet+ Memory B Cells Stay in Place. Immunity, 2020, 52, 726-728.	14.3	1
79	Rapid Emergence of T Follicular Helper and Germinal Center B Cells Following Antiretroviral Therapy in Advanced HIV Disease. Frontiers in Immunology, 2021, 12, 752782.	4.8	1
80	HIV and SIV, B-Cell Responses to. , 2014, , 1-9.		0
81	HIV and SIV, B-Cell Responses to. , 2018, , 653-661.		0