Delphine Sauce

List of Publications by Year
in descending order

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68 papers	4,795 citations	136950 32 h-index	110387 64 g-index
73 all docs	73 docs citations	73 times ranked	7321 citing authors

#	Article	IF	Citations
1	Cellular Responses to Viral Infection in Humans: Lessons from Epstein-Barr Virus. Annual Review of Immunology, 2007, 25, 587-617.	21.8	668
2	Superior control of HIV-1 replication by CD8+ T cells is reflected by their avidity, polyfunctionality, and clonal turnover. Journal of Experimental Medicine, 2007, 204, 2473-2485.	8.5	655
3	Aging of the immune system: Focus on inflammation and vaccination. European Journal of Immunology, 2016, 46, 2286-2301.	2.9	329
4	Accelerated immune senescence and HIV-1 infection. Experimental Gerontology, 2007, 42, 432-437.	2.8	220
5	Evidence of premature immune aging in patients thymectomized during early childhood. Journal of Clinical Investigation, 2009, 119, 3070-3078.	8.2	219
6	Antigen sensitivity is a major determinant of CD8+ T-cell polyfunctionality and HIV-suppressive activity. Blood, 2009, 113, 6351-6360.	1.4	192
7	CMV and Immunosenescence: from basics to clinics. Immunity and Ageing, 2012, 9, 23.	4.2	158
8	PD-1 expression on human CD8 T cells depends on both state of differentiation and activation status. Aids, 2007, 21, 2005-2013.	2.2	151
9	HIV disease progression despite suppression of viral replication is associated with exhaustion of lymphopoiesis. Blood, 2011, 117, 5142-5151.	1.4	140
10	Old age and anti-cytomegalovirus immunity are associated with altered T-cell reconstitution in HIV-1-infected patients. Aids, 2011, 25, 1813-1822.	2.2	140
11	Reduced naÃ¯ve <scp>CD</scp> 8 ⁺ <scp>T</scp> â€cell priming efficacy in elderly adults. Aging Cell, 2016, 15, 14-21.	6.7	112
12	Exhausted Cytotoxic Control of Epstein-Barr Virus in Human Lupus. PLoS Pathogens, 2011, 7, e1002328.	4.7	111
13	Retrovirus-mediated gene transfer in primary T lymphocytes impairs their antiâ€“Epstein-Barr virus potential through both culture-dependent and selection processâ€“dependent mechanisms. Blood, 2002, 99, 1165-1173.	1.4	109
14	Naive T cells: The crux of cellular immune aging?. Experimental Gerontology, 2014, 54, 90-93.	2.8	109
15	Lymphopenia-Driven Homeostatic Regulation of Naive T Cells in Elderly and Thymectomized Young Adults. Journal of Immunology, 2012, 189, 5541-5548.	0.8	82
16	Evaluating Cellular Polyfunctionality with a Novel Polyfunctionality Index. PLoS ONE, 2012, 7, e42403.	2.5	78
17	The hallmarks of CMV-specific CD8 T-cell differentiation. Medical Microbiology and Immunology, 2019, 208, 365-373.	4.8	71
18	Pathogen-Specific T Cell Polyfunctionality Is a Correlate of T Cell Efficacy and Immune Protection. PLoS ONE, 2015, 10, e0128714.	2.5	68

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19	EBV-associated mononucleosis leads to long-term global deficit in T-cell responsiveness to IL-15. Blood, 2006, 108, 11-18.	1.4	63
20	The Oxygen Paradox, the French Paradox, and age-related diseases. GeroScience, 2017, 39, 499-550.	4.6	59
21	Differential Impact of Age and Cytomegalovirus Infection on the Î³Î´ T Cell Compartment. Journal of Immunology, 2013, 191, 1300-1306.	0.8	56
22	The role of the thymus in immunosenescence: lessons from the study of thymectomized individuals. Aging, 2010, 2, 78-81.	3.1	56
23	Altered thymic activity in early life: how does it affect the immune system in young adults?. Current Opinion in Immunology, 2011, 23, 543-548.	5.5	54
24	Coordinated expansion of both memory T cells and NK cells in response to CMV infection in humans. European Journal of Immunology, 2016, 46, 1168-1179.	2.9	52
25	Reduced Oxidative Burst by Primed Neutrophils in the Elderly Individuals Is Associated With Increased Levels of the CD16^{bright}/CD62L^{dim}Immunosuppressive Subset. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 163-172.	3.6	49
26	Distinct cytokine profiles associated with COVID-19 severity and mortality. Journal of Allergy and Clinical Immunology, 2021, 147, 2098-2107.	2.9	47
27	Assessing immune aging in HIV-infected patients. Virulence, 2017, 8, 529-538.	4.4	41
28	A constant companion: immune recognition and response to cytomegalovirus with aging and implications for immune fitness. GeroScience, 2017, 39, 293-303.	4.6	39
29	Elderly human hematopoietic progenitor cells express cellular senescence markers and are more susceptible to pyroptosis. JCI Insight, 2018, 3, .	5.0	38
30	New Insights into Lymphocyte Differentiation and Aging from Telomere Length and Telomerase Activity Measurements. Journal of Immunology, 2019, 202, 1962-1969.	0.8	37
31	Report from the second cytomegalovirus and immunosenescence workshop. Immunity and Ageing, 2011, 8, 10.	4.2	35
32	Vitamin D supplementation is associated with reduced immune activation levels in HIV-1-infected patients on suppressive antiretroviral therapy. Aids, 2014, 28, 2677-2682.	2.2	30
33	Monitoring cellular immune markers in HIV infection. Current Opinion in HIV and AIDS, 2013, 8, 125-131.	3.8	29
34	Influence of Ex Vivo Expansion and Retrovirus-Mediated Gene Transfer on Primary T Lymphocyte Phenotype and Functions. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 929-940.	1.8	26
35	Impact of stress on aged immune system compartments: Overview from fundamental to clinical data. Experimental Gerontology, 2018, 105, 19-26.	2.8	24
36	Early Immune Response Against Retrovirally Transduced Herpes Simplex Virus Thymidine Kinase-Expressing Gene-Modified T Cells Coinfused with a T Cell-Depleted Marrow Graft: An Altered Immune Response?. Human Gene Therapy, 2008, 19, 937-950.	2.7	23

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37	Retrovirus-Mediated Gene Transfer in Human Primary T Lymphocytes Induces an Activation- and Transduction/Selection-Dependent TCR-B Variable Chain Repertoire Skewing of Gene-Modified Cells. Stem Cells and Development, 2004, 13, 71-81.	2.1	22
38	Retrovirus-mediated gene transfer in polyclonal T cells results in lower apoptosis and enhanced ex vivo cell expansion of CMV-reactive CD8 T cells as compared with EBV-reactive CD8 T cells. Blood, 2003, 102, 1241-1248.	1.4	21
39	CMV driven CD8+ T-cell activation is associated with acute rejection in lung transplantation. Clinical Immunology, 2013, 148, 16-26.	3.2	21
40	Multiparameter grouping delineates heterogeneous populations of human ILâ€17 and/or ILâ€22 Tâ€cell producers that share antigen specificities with other Tâ€cell subsets. European Journal of Immunology, 2011, 41, 2596-2605.	2.9	19
41	Preservation of Lymphopoietic Potential and Virus Suppressive Capacity by CD8+ T Cells in HIV-2â€"Infected Controllers. Journal of Immunology, 2016, 197, 2787-2795.	0.8	19
42	HIV-mediated immune aging in young adults infected perinatally or during childhood. Aids, 2019, 33, 1705-1710.	2.2	19
43	Upregulation of Interleukin 7 Receptor Alpha and Programmed Death 1 Marks an Epitope-Specific CD8⁺T-Cell Response That Disappears following Primary Epstein-Barr Virus Infection. Journal of Virology, 2009, 83, 9068-9078.	3.4	18
44	Primary immune responses are negatively impacted by persistent herpesvirus infections in older people: results from an observational study on healthy subjects and a vaccination trial on subjects aged more than 70 years old. EBioMedicine, 2022, 76, 103852.	6.1	17
45	Elevated Neopterin Levels Predict Early Death in Older Hip-fracture Patients. EBioMedicine, 2017, 26, 157-164.	6.1	14
46	Elevated Neopterin Levels Predict Fatal Outcome in SARS-CoV-2-Infected Patients. Frontiers in Cellular and Infection Microbiology, 2021, 11, 709893.	3.9	14
47	LOX-1-Expressing Immature Neutrophils Identify Critically-Ill COVID-19 Patients at Risk of Thrombotic Complications. Frontiers in Immunology, 2021, 12, 752612.	4.8	14
48	Increased carotid intimaâ€"media thickness is not associated with T-cell activation nor with cytomegalovirus in HIV-infected never-smoker patients. Aids, 2015, 29, 287-293.	2.2	13
49	The link between CD8+ T-cell antigen-sensitivity and HIV-suppressive capacity depends on HLA restriction, target epitope and viral isolate. Aids, 2014, 28, 477-486.	2.2	10
50	HIV-specific Th2 and Th17 responses predict HIV vaccine protection efficacy. Scientific Reports, 2016, 6, 28129.	3.3	10
51	Serum tryptophan-derived quinolinate and indole-3-acetate are associated with carotid intima-media thickness and its evolution in HIV-infected treated adults. Open Forum Infectious Diseases, 2019, 6, ofz516.	0.9	10
52	Immune activation and chronic inflammation. Medicine (United States), 2021, 100, e25678.	1.0	10
53	Transcriptome of retrovirally transduced CD8+ lymphocytes: Influence of cell activation, transgene integration, and selection process. Molecular Immunology, 2008, 45, 1112-1125.	2.2	7
54	Mechanisms of immune aging in HIV. Clinical Science, 2022, 136, 61-80.	4.3	5

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55	Phenotypic and Functional Differences between Human Herpesvirus 6- and Human Cytomegalovirus-Specific T Cells. Journal of Virology, 2019, 93, .	3.4	4
56	Hip Fracture Leads to Transitory Immune Imprint in Older Patients. Frontiers in Immunology, 2020, 11, 571759.	4.8	4
57	Transgene Deletions in Long-Term Circulating Donor Gene-Modified T Lymphocytes Infused at Time of Hematopoietic Transplantation.. Blood, 2005, 106, 461-461.	1.4	2
58	Clinical, Virological and Immunological Subphenotypes in a Cohort of Early Treated HIV-Infected Children. Frontiers in Immunology, 2022, 13, 875692.	4.8	2
59	HIV Infection as a Model of Accelerated Immunosenescence. , 2009, , 997-1026.		1
60	Age-Specific T Cell Homeostasis. , 2019, , 273-301.		1
61	Occurrence of Immune Responses Against Foreign Transgenes after Infusion of Suicide Gene-Expressing Donor T-Cells Concurrently to an Allogeneic Bone Marrow Transplantation.. Blood, 2004, 104, 1746-1746.	1.4	1
62	HIV Infection as a Model of Accelerated Immunosenescence. , 2019, , 1961-1989.		1
63	Assessing T Lymphocyte Aging Using Telomere Length and Telomerase Activity Measurements in Low Cell Numbers. Methods in Molecular Biology, 2019, 2048, 231-243.	0.9	1
64	Functionally fused antibodiesâ€"A novel adjuvant fusion system. Journal of Immunological Methods, 2008, 339, 220-227.	1.4	0
65	Age-Specific T Cell Homeostasis. , 2018, , 1-30.		0
66	Early immune response against retrovirally-transduced Herpes Simplex Virus-thymidine kinase-expressing gene-modified T cells coinfused with a T cell-depleted marrow graft : an altered immune response?. Human Gene Therapy, 2008, .	2.7	0
67	HIV-Associated Immune Exhaustion. , 2014, , 1-8.		0
68	HIV-Associated Immune Exhaustion. , 2018, , 1001-1008.		0