

Delphine Sauce

List of Publications by Year in descending order

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68
papers

4,795
citations

136740

32
h-index

110170

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. <i>Annual Review of Immunology</i> , 2007, 25, 587-617.	9.5	668
2	Superior control of HIV-1 replication by CD8+ T cells is reflected by their avidity, polyfunctionality, and clonal turnover. <i>Journal of Experimental Medicine</i> , 2007, 204, 2473-2485.	4.2	655
3	Aging of the immune system: Focus on inflammation and vaccination. <i>European Journal of Immunology</i> , 2016, 46, 2286-2301.	1.6	329
4	Accelerated immune senescence and HIV-1 infection. <i>Experimental Gerontology</i> , 2007, 42, 432-437.	1.2	220
5	Evidence of premature immune aging in patients thymectomized during early childhood. <i>Journal of Clinical Investigation</i> , 2009, 119, 3070-3078.	3.9	219
6	Antigen sensitivity is a major determinant of CD8+ T-cell polyfunctionality and HIV-suppressive activity. <i>Blood</i> , 2009, 113, 6351-6360.	0.6	192
7	CMV and Immunosenescence: from basics to clinics. <i>Immunity and Ageing</i> , 2012, 9, 23.	1.8	158
8	PD-1 expression on human CD8 T cells depends on both state of differentiation and activation status. <i>Aids</i> , 2007, 21, 2005-2013.	1.0	151
9	HIV disease progression despite suppression of viral replication is associated with exhaustion of lymphopoiesis. <i>Blood</i> , 2011, 117, 5142-5151.	0.6	140
10	Old age and anti-cytomegalovirus immunity are associated with altered T-cell reconstitution in HIV-1-infected patients. <i>Aids</i> , 2011, 25, 1813-1822.	1.0	140
11	Reduced naïve CD8 ⁺ T cell priming efficacy in elderly adults. <i>Aging Cell</i> , 2016, 15, 14-21.	3.0	112
12	Exhausted Cytotoxic Control of Epstein-Barr Virus in Human Lupus. <i>PLoS Pathogens</i> , 2011, 7, e1002328.	2.1	111
13	Retrovirus-mediated gene transfer in primary T lymphocytes impairs their anti-Epstein-Barr virus potential through both culture-dependent and selection process-dependent mechanisms. <i>Blood</i> , 2002, 99, 1165-1173.	0.6	109
14	Naive T cells: The crux of cellular immune aging?. <i>Experimental Gerontology</i> , 2014, 54, 90-93.	1.2	109
15	Lymphopenia-Driven Homeostatic Regulation of Naive T Cells in Elderly and Thymectomized Young Adults. <i>Journal of Immunology</i> , 2012, 189, 5541-5548.	0.4	82
16	Evaluating Cellular Polyfunctionality with a Novel Polyfunctionality Index. <i>PLoS ONE</i> , 2012, 7, e42403.	1.1	78
17	The hallmarks of CMV-specific CD8 T-cell differentiation. <i>Medical Microbiology and Immunology</i> , 2019, 208, 365-373.	2.6	71
18	Pathogen-Specific T Cell Polyfunctionality Is a Correlate of T Cell Efficacy and Immune Protection. <i>PLoS ONE</i> , 2015, 10, e0128714.	1.1	68

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19	EBV-associated mononucleosis leads to long-term global deficit in T-cell responsiveness to IL-15. <i>Blood</i> , 2006, 108, 11-18.	0.6	63
20	The Oxygen Paradox, the French Paradox, and age-related diseases. <i>GeroScience</i> , 2017, 39, 499-550.	2.1	59
21	Differential Impact of Age and Cytomegalovirus Infection on the $\hat{I}^{\hat{T}}$ T Cell Compartment. <i>Journal of Immunology</i> , 2013, 191, 1300-1306.	0.4	56
22	The role of the thymus in immunosenescence: lessons from the study of thymectomized individuals. <i>Aging</i> , 2010, 2, 78-81.	1.4	56
23	Altered thymic activity in early life: how does it affect the immune system in young adults?. <i>Current Opinion in Immunology</i> , 2011, 23, 543-548.	2.4	54
24	Coordinated expansion of both memory T cells and NK cells in response to CMV infection in humans. <i>European Journal of Immunology</i> , 2016, 46, 1168-1179.	1.6	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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 163-172.	1.7	49
26	Distinct cytokine profiles associated with COVID-19 severity and mortality. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2098-2107.	1.5	47
27	Assessing immune aging in HIV-infected patients. <i>Virulence</i> , 2017, 8, 529-538.	1.8	41
28	A constant companion: immune recognition and response to cytomegalovirus with aging and implications for immune fitness. <i>GeroScience</i> , 2017, 39, 293-303.	2.1	39
29	Elderly human hematopoietic progenitor cells express cellular senescence markers and are more susceptible to pyroptosis. <i>JCI Insight</i> , 2018, 3, .	2.3	38
30	New Insights into Lymphocyte Differentiation and Aging from Telomere Length and Telomerase Activity Measurements. <i>Journal of Immunology</i> , 2019, 202, 1962-1969.	0.4	37
31	Report from the second cytomegalovirus and immunosenescence workshop. <i>Immunity and Ageing</i> , 2011, 8, 10.	1.8	35
32	Vitamin D supplementation is associated with reduced immune activation levels in HIV-1-infected patients on suppressive antiretroviral therapy. <i>Aids</i> , 2014, 28, 2677-2682.	1.0	30
33	Monitoring cellular immune markers in HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2013, 8, 125-131.	1.5	29
34	Influence of Ex Vivo Expansion and Retrovirus-Mediated Gene Transfer on Primary T Lymphocyte Phenotype and Functions. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002, 11, 929-940.	1.8	26
35	Impact of stress on aged immune system compartments: Overview from fundamental to clinical data. <i>Experimental Gerontology</i> , 2018, 105, 19-26.	1.2	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?. <i>Human Gene Therapy</i> , 2008, 19, 937-950.	1.4	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. <i>Stem Cells and Development</i> , 2004, 13, 71-81.	1.1	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. <i>Blood</i> , 2003, 102, 1241-1248.	0.6	21
39	CMV driven CD8+ T-cell activation is associated with acute rejection in lung transplantation. <i>Clinical Immunology</i> , 2013, 148, 16-26.	1.4	21
40	Multiparameter grouping delineates heterogeneous populations of human IL-17 and/or IL-22 T-cell producers that share antigen specificities with other T-cell subsets. <i>European Journal of Immunology</i> , 2011, 41, 2596-2605.	1.6	19
41	Preservation of Lymphopoietic Potential and Virus Suppressive Capacity by CD8+ T Cells in HIV-2-Infected Controllers. <i>Journal of Immunology</i> , 2016, 197, 2787-2795.	0.4	19
42	HIV-mediated immune aging in young adults infected perinatally or during childhood. <i>Aids</i> , 2019, 33, 1705-1710.	1.0	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. <i>Journal of Virology</i> , 2009, 83, 9068-9078.	1.5	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. <i>EBioMedicine</i> , 2022, 76, 103852.	2.7	17
45	Elevated Neopterin Levels Predict Early Death in Older Hip-fracture Patients. <i>EBioMedicine</i> , 2017, 26, 157-164.	2.7	14
46	Elevated Neopterin Levels Predict Fatal Outcome in SARS-CoV-2-Infected Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 709893.	1.8	14
47	LOX-1-Expressing Immature Neutrophils Identify Critically-Ill COVID-19 Patients at Risk of Thrombotic Complications. <i>Frontiers in Immunology</i> , 2021, 12, 752612.	2.2	14
48	Increased carotid intima-media thickness is not associated with T-cell activation nor with cytomegalovirus in HIV-infected never-smoker patients. <i>Aids</i> , 2015, 29, 287-293.	1.0	13
49	The link between CD8+ T-cell antigen-sensitivity and HIV-suppressive capacity depends on HLA restriction, target epitope and viral isolate. <i>Aids</i> , 2014, 28, 477-486.	1.0	10
50	HIV-specific Th2 and Th17 responses predict HIV vaccine protection efficacy. <i>Scientific Reports</i> , 2016, 6, 28129.	1.6	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. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz516.	0.4	10
52	Immune activation and chronic inflammation. <i>Medicine (United States)</i> , 2021, 100, e25678.	0.4	10
53	Transcriptome of retrovirally transduced CD8+ lymphocytes: Influence of cell activation, transgene integration, and selection process. <i>Molecular Immunology</i> , 2008, 45, 1112-1125.	1.0	7
54	Mechanisms of immune aging in HIV. <i>Clinical Science</i> , 2022, 136, 61-80.	1.8	5

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55	Phenotypic and Functional Differences between Human Herpesvirus 6- and Human Cytomegalovirus-Specific T Cells. <i>Journal of Virology</i> , 2019, 93, .	1.5	4
56	Hip Fracture Leads to Transitory Immune Imprint in Older Patients. <i>Frontiers in Immunology</i> , 2020, 11, 571759.	2.2	4
57	Transgene Deletions in Long-Term Circulating Donor Gene-Modified T Lymphocytes Infused at Time of Hematopoietic Transplantation.. <i>Blood</i> , 2005, 106, 461-461.	0.6	2
58	Clinical, Virological and Immunological Subphenotypes in a Cohort of Early Treated HIV-Infected Children. <i>Frontiers in Immunology</i> , 2022, 13, 875692.	2.2	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.. <i>Blood</i> , 2004, 104, 1746-1746.	0.6	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. <i>Methods in Molecular Biology</i> , 2019, 2048, 231-243.	0.4	1
64	Functionally fused antibodiesâ€™A novel adjuvant fusion system. <i>Journal of Immunological Methods</i> , 2008, 339, 220-227.	0.6	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?. <i>Human Gene Therapy</i> , 2008, .	1.4	0
67	HIV-Associated Immune Exhaustion. , 2014, , 1-8.		0
68	HIV-Associated Immune Exhaustion. , 2018, , 1001-1008.		0