

Sylvie Lesage

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

3,358
citations

26
h-index

57
g-index

94
ext. papers

3,799
ext. citations

8.1
avg, IF

4.86
L-index

#	Paper	IF	Citations
87	The NOD Mouse Beyond Autoimmune Diabetes.. <i>Frontiers in Immunology</i> , 2022 , 13, 874769	8.4	1
86	Functional screen of inflammatory bowel disease genes reveals key epithelial functions. <i>Genome Medicine</i> , 2021 , 13, 181	14.4	2
85	Evidence of genetic epistasis in autoimmune diabetes susceptibility revealed by mouse congenic sublines. <i>Immunogenetics</i> , 2021 , 73, 307-319	3.2	0
84	CD5 levels reveal distinct basal T-cell receptor signals in T cells from non-obese diabetic mice. <i>Immunology and Cell Biology</i> , 2021 , 99, 656-667	5	0
83	LILAC pilot study: Effects of metformin on mTOR activation and HIV reservoir persistence during antiretroviral therapy. <i>EBioMedicine</i> , 2021 , 65, 103270	8.8	15
82	Upregulated IL-32 Expression And Reduced Gut Short Chain Fatty Acid Caproic Acid in People Living With HIV With Subclinical Atherosclerosis. <i>Frontiers in Immunology</i> , 2021 , 12, 664371	8.4	4
81	Collagen analogs with phosphorylcholine are inflammation-suppressing scaffolds for corneal regeneration from alkali burns in mini-pigs. <i>Communications Biology</i> , 2021 , 4, 608	6.7	4
80	Applying for Junior Faculty Positions as a Research Scientist. <i>Stroke</i> , 2021 , 52, e360-e363	6.7	1
79	Loss of interleukin-17 receptor D promotes chronic inflammation-associated tumorigenesis. <i>Oncogene</i> , 2021 , 40, 452-464	9.2	9
78	Starting Your Independent Research Laboratory. <i>Stroke</i> , 2021 , 52, e520-e522	6.7	1
77	Acute invariant NKT cell activation triggers an immune response that drives prominent changes in iron homeostasis. <i>Scientific Reports</i> , 2020 , 10, 21026	4.9	1
76	MHC-Independent Thymic Selection of CD4 and CD8 Coreceptor Negative $\alpha\beta$ T Cells. <i>Journal of Immunology</i> , 2020 , 205, 133-142	5.3	3
75	Merocytic Dendritic Cells Compose a Conventional Dendritic Cell Subset with Low Metabolic Activity. <i>Journal of Immunology</i> , 2020 , 205, 121-132	5.3	2
74	A transcriptome-based approach to identify functional modules within and across primary human immune cells. <i>PLoS ONE</i> , 2020 , 15, e0233543	3.7	2
73	BMP9 signaling promotes the normalization of tumor blood vessels. <i>Oncogene</i> , 2020 , 39, 2996-3014	9.2	11
72	Humoral responses to the measles, mumps and rubella vaccine are impaired in Leigh Syndrome French Canadian patients. <i>PLoS ONE</i> , 2020 , 15, e0239860	3.7	1
71	Bisphosphoglycerate Mutase Deficiency Protects against Cerebral Malaria and Severe Malaria-Induced Anemia. <i>Cell Reports</i> , 2020 , 32, 108170	10.6	1

70	FLT3 Ligand Is Dispensable for the Final Stage of Type 1 Conventional Dendritic Cell Differentiation. <i>Journal of Immunology</i> , 2020 , 205, 2117-2127	5.3	4
69	Glycolipid Stimulation of Invariant NKT Cells Expands a Unique Tissue-Resident Population of Precursors to Mature NK Cells Endowed with Oncolytic and Antimetastatic Properties. <i>Journal of Immunology</i> , 2019 , 203, 1808-1819	5.3	4
68	On-chip refractive index cytometry for whole-cell deformability discrimination. <i>Lab on A Chip</i> , 2019 , 19, 464-474	7.2	8
67	Induced and spontaneous colitis mouse models reveal complex interactions between IL-10 and IL-12/IL-23 pathways. <i>Cytokine</i> , 2019 , 121, 154738	4	2
66	The orphan nuclear receptor NR4A3 controls the differentiation of monocyte-derived dendritic cells following microbial stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15150-15159	11.5	18
65	Flt3L-Mediated Expansion of Plasmacytoid Dendritic Cells Suppresses HIV Infection in Humanized Mice. <i>Cell Reports</i> , 2019 , 29, 2770-2782.e5	10.6	9
64	Common Heritable Immunological Variations Revealed in Genetically Diverse Inbred Mouse Strains of the Collaborative Cross. <i>Journal of Immunology</i> , 2019 , 202, 777-786	5.3	15
63	Double-Negative T Cell Levels Correlate with Chronic Graft-versus-Host Disease Severity. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 19-25	4.7	9
62	Abnormal differentiation of B cells and megakaryocytes in patients with Roifman syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 630-646	11.5	26
61	Genetic interaction between two insulin-dependent diabetes susceptibility loci, Idd2 and Idd13, in determining immunoregulatory DN T cell proportion. <i>Immunogenetics</i> , 2018 , 70, 495-509	3.2	1
60	High-throughput refractive index-based microphotonic sensor for enhanced cellular discrimination. <i>Sensors and Actuators B: Chemical</i> , 2018 , 266, 255-262	8.5	4
59	Restoring T Cell Homeostasis After Allogeneic Stem Cell Transplantation; Principal Limitations and Future Challenges. <i>Frontiers in Immunology</i> , 2018 , 9, 1237	8.4	11
58	BIM determines the number of merocytic dendritic cells, a cell type that breaks immune tolerance. <i>Immunology and Cell Biology</i> , 2018 , 96, 1008-1017	5	4
57	High-level intrathymic thyrotrophin receptor expression in thyroiditis-prone mice protects against the spontaneous generation of pathogenic thyrotrophin receptor autoantibodies. <i>Clinical and Experimental Immunology</i> , 2017 , 188, 243-253	6.2	12
56	The Importance of Dendritic Cells in Maintaining Immune Tolerance. <i>Journal of Immunology</i> , 2017 , 198, 2223-2231	5.3	140
55	An orthologous non-MHC locus in rats and mice is linked to CD4 and CD8 T-cell proportion. <i>Genes and Immunity</i> , 2017 , 18, 118-126	4.4	3
54	MARCH1 E3 Ubiquitin Ligase Dampens the Innate Inflammatory Response by Modulating Monocyte Functions in Mice. <i>Journal of Immunology</i> , 2017 , 198, 852-861	5.3	23
53	Biomarker-guided stratification of autoimmune patients for biologic therapy. <i>Current Opinion in Immunology</i> , 2017 , 49, 56-63	7.8	7

52	An Unbiased Linkage Approach Reveals That the p53 Pathway Is Coupled to NK Cell Maturation. <i>Journal of Immunology</i> , 2017 , 199, 1490-1504	5.3	8
51	Genes Outside the Major Histocompatibility Complex Locus Are Linked to the Development of Thyroid Autoantibodies and Thyroiditis in NOD.H2h4 Mice. <i>Endocrinology</i> , 2017 , 158, 702-713	4.8	5
50	Mechanism of insulin resistance in a rat model of kidney disease and the risk of developing type 2 diabetes. <i>PLoS ONE</i> , 2017 , 12, e0176650	3.7	10
49	Determination of the Relative Cell Surface and Total Expression of Recombinant Ion Channels Using Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	6
48	Genetic predisposition for beta cell fragility underlies type 1 and type 2 diabetes. <i>Nature Genetics</i> , 2016 , 48, 519-27	36.3	83
47	IL23R (Interleukin 23 Receptor) Variants Protective against Inflammatory Bowel Diseases (IBD) Display Loss of Function due to Impaired Protein Stability and Intracellular Trafficking. <i>Journal of Biological Chemistry</i> , 2016 , 291, 8673-85	5.4	48
46	Identification of Glycosylation Sites Essential for Surface Expression of the CaV β Subunit and Modulation of the Cardiac CaV1.2 Channel Activity. <i>Journal of Biological Chemistry</i> , 2016 , 291, 4826-43	5.4	31
45	NK Cell Proportion and Number Are Influenced by Genetic Loci on Chromosomes 8, 9, and 17. <i>Journal of Immunology</i> , 2016 , 196, 2627-36	5.3	4
44	TCR transgenic mice reveal the impact of type 1 diabetes loci on early and late disease checkpoints. <i>Immunology and Cell Biology</i> , 2016 , 94, 709-13	5	3
43	The Importance of Single-Mode Behavior in Silicon-On-Insulator Rib Waveguides With Very Large Cross Section for Resonant Sensing Applications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016 , 22, 241-248	3.8	6
42	Functional characterization of CaV β mutations associated with sudden cardiac death. <i>Journal of Biological Chemistry</i> , 2015 , 290, 2854-69	5.4	27
41	Evidence that MHC I-E dampens thyroid autoantibodies and prevents spreading to a second thyroid autoantigen in I-A(k) NOD mice. <i>Genes and Immunity</i> , 2015 , 16, 268-74	4.4	9
40	Autoimmunity and antibody affinity maturation are modulated by genetic variants on mouse chromosome 12. <i>Journal of Autoimmunity</i> , 2015 , 58, 90-9	15.5	3
39	A ZAP-70 kinase domain variant prevents thymocyte-positive selection despite signalling CD69 induction. <i>Immunology</i> , 2014 , 141, 587-95	7.8	4
38	The dichotomous pattern of IL-12r and IL-23R expression elucidates the role of IL-12 and IL-23 in inflammation. <i>PLoS ONE</i> , 2014 , 9, e89092	3.7	29
37	The mouse <i>idd2</i> locus is linked to the proportion of immunoregulatory double-negative T cells, a trait associated with autoimmune diabetes resistance. <i>Journal of Immunology</i> , 2014 , 193, 3503-12	5.3	12
36	Specific targeting of the IL-23 receptor, using a novel small peptide noncompetitive antagonist, decreases the inflammatory response. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R1216-30	3.2	16
35	<i>Idd13</i> is involved in determining immunoregulatory DN T-cell number in NOD mice. <i>Genes and Immunity</i> , 2014 , 15, 82-7	4.4	6

34	The Idd13 congenic interval defines the number of merocytic dendritic cells, a novel trait associated with autoimmune diabetes susceptibility. <i>Journal of Autoimmunity</i> , 2013 , 43, 70-7	15.5	13
33	A comprehensive review of the phenotype and function of antigen-specific immunoregulatory double negative T cells. <i>Journal of Autoimmunity</i> , 2013 , 40, 58-65	15.5	66
32	Unusual selection and peripheral homeostasis for immunoregulatory CD4(-) [CD8(-) T cells. <i>Immunology</i> , 2013 , 139, 129-39	7.8	2
31	Revisiting the Prominent Anti-Tumoral Potential of Pre-mNK Cells. <i>Frontiers in Immunology</i> , 2013 , 4, 4468.4	14	
30	Nearby Construction Impedes the Progression to Overt Autoimmune Diabetes in NOD Mice. <i>Journal of Diabetes Research</i> , 2013 , 2013, 620313	3.9	9
29	Immunoregulatory CD4(-)CD8(-) T cells as a potential therapeutic tool for transplantation, autoimmunity, and cancer. <i>Frontiers in Immunology</i> , 2013 , 4, 6	8.4	24
28	Redefining interferon-producing killer dendritic cells as a novel intermediate in NK-cell differentiation. <i>Blood</i> , 2012 , 119, 4349-57	2.2	26
27	The size of the plasmacytoid dendritic cell compartment is a multigenic trait dominated by a locus on mouse chromosome 7. <i>Journal of Immunology</i> , 2012 , 188, 5561-70	5.3	9
26	Molecular and genetic parameters defining T-cell clonal selection. <i>Immunology and Cell Biology</i> , 2011 , 89, 16-26	5	23
25	Interleukin-10 limits the expansion of immunoregulatory CD4-CD8- T cells in autoimmune-prone non-obese diabetic mice. <i>Immunology and Cell Biology</i> , 2010 , 88, 771-80	5	34
24	Implication of the CD47 pathway in autoimmune diabetes. <i>Journal of Autoimmunity</i> , 2010 , 35, 23-32	15.5	29
23	Absence of CD47 in vivo influences thymic dendritic cell subset proportions but not negative selection of thymocytes. <i>International Immunology</i> , 2009 , 21, 167-77	4.9	10
22	Cutting edge: genetic characterization of IFN-producing killer dendritic cells. <i>Journal of Immunology</i> , 2009 , 182, 5193-7	5.3	16
21	Cutting edge: CD47 controls the in vivo proliferation and homeostasis of peripheral CD4+ CD25+ Foxp3+ regulatory T cells that express CD103. <i>Journal of Immunology</i> , 2008 , 181, 5204-8	5.3	29
20	Expression of the self-marker CD47 on dendritic cells governs their trafficking to secondary lymphoid organs. <i>EMBO Journal</i> , 2006 , 25, 5560-8	13	76
19	Genetic lesions in T-cell tolerance and thresholds for autoimmunity. <i>Immunological Reviews</i> , 2005 , 204, 87-101	11.3	57
18	Gene dosage-limiting role of Aire in thymic expression, clonal deletion, and organ-specific autoimmunity. <i>Journal of Experimental Medicine</i> , 2004 , 200, 1015-26	16.6	254
17	Generalized resistance to thymic deletion in the NOD mouse; a polygenic trait characterized by defective induction of Bim. <i>Immunity</i> , 2004 , 21, 817-30	32.3	80

16	Generalized Resistance to Thymic Deletion in the NOD MouseA Polygenic Trait Characterized by Defective Induction of Bim. <i>Immunity</i> , 2004 , 21, 817-830	32.3	125
15	T cell tolerance to a neo-self antigen expressed by thymic epithelial cells: the soluble form is more effective than the membrane-bound form. <i>Journal of Immunology</i> , 2003 , 170, 3954-62	5.3	44
14	The role of endoplasmic reticulum stress in nonimmune diabetes: NOD.k iHEL, a novel model of beta cell death. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1005, 178-83	6.5	22
13	Aire regulates negative selection of organ-specific T cells. <i>Nature Immunology</i> , 2003 , 4, 350-4	19.1	650
12	Identifying the MAGUK protein Carma-1 as a central regulator of humoral immune responses and atopy by genome-wide mouse mutagenesis. <i>Immunity</i> , 2003 , 18, 751-62	32.3	261
11	A cell death pathway induced by antibody-mediated cross-linking of CD45 on lymphocytes. <i>Critical Reviews in Immunology</i> , 2003 , 23, 421-40	1.8	10
10	Failure to censor forbidden clones of CD4 T cells in autoimmune diabetes. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1175-88	16.6	123
9	Inhibitory effects of T-cell stimulation and co-stimulation observed at high concentrations of plate-bound antibodies. <i>Journal of Immunological Methods</i> , 2001 , 255, 23-6	2.5	1
8	Organ-specific autoimmune disease: a deficiency of tolerogenic stimulation. <i>Journal of Experimental Medicine</i> , 2001 , 194, F31-6	16.6	26
7	Thymic selection generates T cells expressing self-reactive TCRs in the absence of CD45. <i>Journal of Immunology</i> , 2000 , 165, 3073-9	5.3	14
6	Antagonism between Nur77 and glucocorticoid receptor for control of transcription. <i>Molecular and Cellular Biology</i> , 1997 , 17, 5952-9	4.8	173
5	Novel dimeric Nur77 signaling mechanism in endocrine and lymphoid cells. <i>Molecular and Cellular Biology</i> , 1997 , 17, 5946-51	4.8	313
4	Specific activation of the cysteine protease CPP32 during the negative selection of T cells in the thymus. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1503-12	16.6	81
3	Induction of thymocyte deletion by purified single peptide/major histocompatibility complex ligands. <i>Journal of Immunology</i> , 1997 , 159, 2078-81	5.3	11
2	CD4+ CD8+ thymocytes are preferentially induced to die following CD45 cross-linking, through a novel apoptotic pathway. <i>Journal of Immunology</i> , 1997 , 159, 4762-71	5.3	62
1	Context-dependent effects of IL-2 rewire immunity into distinct cellular circuits		3