

# Luc Vallieres

## List of Publications by Year in descending order

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38  
papers

3,024  
citations

257450

24  
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330143

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docs citations

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times ranked

4371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Hippocampal Neurogenesis in Adult Transgenic Mice with Chronic Astrocytic Production of Interleukin-6. <i>Journal of Neuroscience</i> , 2002, 22, 486-492.	3.6	528
2	Dark microglia: A new phenotype predominantly associated with pathological states. <i>Glia</i> , 2016, 64, 826-839.	4.9	325
3	Regulation of the Genes Encoding Interleukin-6, Its Receptor, and gp130 in the Rat Brain in Response to the Immune Activator Lipopolysaccharide and the Proinflammatory Cytokine Interleukin-1 $\beta$ . <i>Journal of Neurochemistry</i> , 1997, 69, 1668-1683.	3.9	276
4	How the Blood Talks to the Brain Parenchyma and the Paraventricular Nucleus of the Hypothalamus During Systemic Inflammatory and Infectious Stimuli. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 223, 22-38.	1.8	226
5	Bone Marrow-Derived Cells that Populate the Adult Mouse Brain Preserve Their Hematopoietic Identity. <i>Journal of Neuroscience</i> , 2003, 23, 5197-5207.	3.6	220
6	CXCL10 Triggers Early Microglial Activation in the Cuprizone Model. <i>Journal of Immunology</i> , 2015, 194, 3400-3413.	0.8	115
7	G protein-coupled receptor 84, a microglia-associated protein expressed in neuroinflammatory conditions. <i>Glia</i> , 2007, 55, 790-800.	4.9	105
8	Increased Glioma Growth in Mice Depleted of Macrophages. <i>Cancer Research</i> , 2007, 67, 8874-8881.	0.9	97
9	C-fos mRNA pattern and corticotropin-releasing factor neuronal activity throughout the brain of rats injected centrally with a prostaglandin of E2 type. <i>Journal of Neuroimmunology</i> , 1996, 70, 163-179.	2.3	87
10	Identification of genes preferentially expressed by microglia and upregulated during cuprizone-induced inflammation. <i>Glia</i> , 2007, 55, 777-789.	4.9	80
11	Rod-Shaped Monocytes Patrol the Brain Vasculature and Give Rise to Perivascular Macrophages under the Influence of Proinflammatory Cytokines and Angiopoietin-2. <i>Journal of Neuroscience</i> , 2008, 28, 10187-10199.	3.6	80
12	CXCL1 can be regulated by IL-6 and promotes granulocyte adhesion to brain capillaries during bacterial toxin exposure and encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2012, 9, 18.	7.2	73
13	The Inflammasome Pyrin Contributes to Pertussis Toxin-Induced IL-1 $\beta$ Synthesis, Neutrophil Intravascular Crawling and Autoimmune Encephalomyelitis. <i>PLoS Pathogens</i> , 2014, 10, e1004150.	4.7	73
14	Ultrastructural evidence of microglial heterogeneity in Alzheimer's disease amyloid pathology. <i>Journal of Neuroinflammation</i> , 2019, 16, 87.	7.2	73
15	Tumor Necrosis Factor Reduces Brain Tumor Growth by Enhancing Macrophage Recruitment and Microcyst Formation. <i>Cancer Research</i> , 2005, 65, 3928-3936.	0.9	71
16	Mouse model for ablation of proliferating microglia in acute CNS injuries. <i>Glia</i> , 2006, 53, 331-337.	4.9	61
17	Influence of Interleukin-6 on Neural Activity and Transcription of the Gene Encoding Corticotrophin-releasing Factor in the Rat Brain: An Effect Depending Upon the Route of Administration. <i>European Journal of Neuroscience</i> , 1997, 9, 1461-1472.	2.6	51
18	MicroRNA-223 protects neurons from degeneration in experimental autoimmune encephalomyelitis. <i>Brain</i> , 2019, 142, 2979-2995.	7.6	51

#	ARTICLE	IF	CITATIONS
19	GPR84 deficiency reduces microgliosis, but accelerates dendritic degeneration and cognitive decline in a mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2015, 46, 112-120.	4.1	50
20	ICAM1+ neutrophils promote chronic inflammation via ASPRV1 in B cell-dependent autoimmune encephalomyelitis. <i>JCI Insight</i> , 2017, 2, .	5.0	48
21	Reduced Glioma Growth Following Dexamethasone or Anti-Angiopoietin 2 Treatment. <i>Brain Pathology</i> , 2008, 18, 401-414.	4.1	40
22	Neutrophil perversion in demyelinating autoimmune diseases: Mechanisms to medicine. <i>Autoimmunity Reviews</i> , 2017, 16, 294-307.	5.8	39
23	Interleukin-36 <sup>3</sup> is expressed by neutrophils and can activate microglia, but has no role in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2015, 12, 173.	7.2	33
24	Transplanted Bone Marrow Cells Do Not Provide New Oocytes But Rescue Fertility in Female Mice Following Treatment With Chemotherapeutic Agents. <i>Cellular Reprogramming</i> , 2012, 14, 123-129.	0.9	26
25	Expression of the $\beta 4$ Integrin Subunit Gene Promoter Is Modulated by the Transcription Factor Pax-6 in Corneal Epithelial Cells. , 2004, 45, 1692.		25
26	NTPDase8 protects mice from intestinal inflammation by limiting P2Y <sub>6</sub> receptor activation: identification of a new pathway of inflammation for the potential treatment of IBD. <i>Gut</i> , 2022, 71, 43-54.	12.1	23
27	How the Blood Talks to the Brain Parenchyma and the Paraventricular Nucleus of the Hypothalamus During Systemic Inflammatory and Infectious Stimuli. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 223, 22-38.	1.8	22
28	Crawling Phagocytes Recruited in the Brain Vasculature after Pertussis Toxin Exposure through IL6, ICAM1 and ITGAM. <i>Brain Pathology</i> , 2011, 21, 661-671.	4.1	20
29	Several Classical Mouse Inbred Strains, Including DBA/2, NOD/Lt, FVB/N, and SJL/J, Carry a Putative Loss-of-Function Allele of Gpr84. <i>Journal of Heredity</i> , 2013, 104, 565-571.	2.4	17
30	Rapid externalization of 27-kDa heat shock protein (HSP27) and atypical cell death in neutrophils treated with the sphingolipid analog drug FTY720. <i>Journal of Leukocyte Biology</i> , 2015, 98, 591-599.	3.3	15
31	The Rat Growth Hormone Proximal Silencer Contains a Novel DNA-Binding Site for Multiple Nuclear Proteins that Represses Basal Promoter Activity. <i>FEBS Journal</i> , 1994, 225, 419-432.	0.2	13
32	Trabedersen, a TGFbeta2-specific antisense oligonucleotide for the treatment of malignant gliomas and other tumors overexpressing TGFbeta2. <i>IDrugs: the Investigational Drugs Journal</i> , 2009, 12, 445-53.	0.7	12
33	A light-inducible protein clustering system for in vivo analysis of $\alpha$ -synuclein aggregation in Parkinson disease. <i>PLoS Biology</i> , 2022, 20, e3001578.	5.6	12
34	Construction of a ganciclovir-sensitive lentiviral vector to assess the influence of angiopoietin-3 and soluble Tie2 on glioma growth. <i>Journal of Neuro-Oncology</i> , 2010, 99, 1-11.	2.9	10
35	Matrix metalloproteinase 2 attenuates brain tumour growth, while promoting macrophage recruitment and vascular repair. <i>Journal of Pathology</i> , 2011, 224, 222-233.	4.5	9
36	Mediators of Neuroinflammation. <i>Mediators of Inflammation</i> , 2013, 2013, 1-2.	3.0	8

#	ARTICLE	IF	CITATIONS
37	B cell-dependent EAE induces visual deficits in the mouse with similarities to human autoimmune demyelinating diseases. Journal of Neuroinflammation, 2022, 19, 54.	7.2	6
38	Conditional Deletions of Hdc Confirm Roles of Histamine in Anaphylaxis and Circadian Activity but Not in Autoimmune Encephalomyelitis. Journal of Immunology, 2021, 206, 2029-2037.	0.8	4