Alain R Simard

List of Publications by Year
in descending order

34 papers	4,165 citations	279798 23 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	5554 citing authors

#	Article	IF	Citations
1	Bone Marrow-Derived Microglia Play a Critical Role in Restricting Senile Plaque Formation in Alzheimer's Disease. Neuron, 2006, 49, 489-502.	8.1	1,123
2	Selective Ablation of Proliferating Microglial Cells Exacerbates Ischemic Injury in the Brain. Journal of Neuroscience, 2007, 27, 2596-2605.	3.6	795
3	MEF2 responds to multiple calcium-regulated signals in the control of skeletal muscle fiber type. EMBO Journal, 2000, 19, 1963-1973.	7.8	402
4	Bone marrow stem cells have the ability to populate the entire central nervous system into fully differentiated parenchymal microglia. FASEB Journal, 2004, 18, 998-1000.	0.5	322
5	Neuroprotective role of the innate immune system by microglia. Neuroscience, 2007, 147, 867-883.	2.3	314
6	A Novel Nicotinic Acetylcholine Receptor Subtype in Basal Forebrain Cholinergic Neurons with High Sensitivity to Amyloid Peptides. Journal of Neuroscience, 2009, 29, 918-929.	3.6	159
7	Neuroprotective properties of the innate immune system and bone marrow stem cells in Alzheimer's disease. Molecular Psychiatry, 2006, 11, 327-335.	7.9	108
8	Nerve Activity-dependent Modulation of Calcineurin Signaling in Adult Fast and Slow Skeletal Muscle Fibers. Journal of Biological Chemistry, 2001, 276, 45243-45254.	3.4	89
9	Medroxyprogesterone acetate impairs memory and alters the GABAergic system in aged surgically menopausal rats. Neurobiology of Learning and Memory, 2010, 93, 444-453.	1.9	82
10	Attenuation of CNS inflammatory responses by nicotine involves Î±7 and non-Î±7 nicotinic receptors. Experimental Neurology, 2011, 227, 110-119.	4.1	76
11	Neuroprotective effects of resident microglia following acute brain injury. Journal of Comparative Neurology, 2007, 504, 716-729.	1.6	75
12	Infiltration of CCR2+Ly6Chigh Proinflammatory Monocytes and Neutrophils into the Central Nervous System Is Modulated by Nicotinic Acetylcholine Receptors in a Model of Multiple Sclerosis. Journal of Immunology, 2016, 196, 2095-2108.	0.8	70
13	Nicotinic Acetylcholine Receptors Modulate Bone Marrow-Derived Pro-Inflammatory Monocyte Production and Survival. PLoS ONE, 2016, 11, e0150230.	2.5	57
14	Expression Profile of Long Noncoding <scp>RNA</scp>s in Peripheral Blood Mononuclear Cells from Multiple Sclerosis Patients. CNS Neuroscience and Therapeutics, 2016, 22, 298-305.	3.9	56
15	Cognitive-impairing effects of medroxyprogesterone acetate in the rat: independent and interactive effects across time. Psychopharmacology, 2011, 218, 405-418.	3.1	54
16	Differential modulation of EAE by Î±9*â€•and Î²2*â€•nicotinic acetylcholine receptors. Immunology and Cell Biology, 2013, 91, 195-200.	2.3	45
17	Alterations in Slowâ€Twitch Muscle Phenotype in Transgenic Mice Overexpressing the Ca 2+ Buffering Protein Parvalbumin. Journal of Physiology, 2003, 547, 649-663.	2.9	44
18	Chrysin attenuates experimental autoimmune neuritis by suppressing immuno-inflammatory responses. Neuroscience, 2014, 262, 156-164.	2.3	42

#	Article	IF	Citations
19	A silent agonist of Î±7 nicotinic acetylcholine receptors modulates inflammation ex vivo and attenuates EAE. Brain, Behavior, and Immunity, 2020, 87, 286-300.	4.1	35
20	Role of inflammation in the neurobiology of stem cells. NeuroReport, 2004, 15, 2305-2310.	1.2	34
21	Nicotinic Receptor Î²2 Determines NK Cell-Dependent Metastasis in a Murine Model of Metastatic Lung Cancer. PLoS ONE, 2013, 8, e57495.	2.5	33
22	Antisense MMP-9 RNA inhibits malignant glioma cell growth in vitro and in vivo. Neuroscience Bulletin, 2013, 29, 83-93.	2.9	27
23	Do pathogen exposure and innate immunity cause brain diseases?. Neurological Research, 2005, 27, 717-725.	1.3	26
24	Calcineurin and skeletal muscle growth. Nature Cell Biology, 2002, 4, E46-E46.	10.3	23
25	The association of HLA-DQA1*0401 and DQB1*0604 with thymomatous myasthenia gravis in northern Chinese patients. Journal of the Neurological Sciences, 2012, 312, 57-61.	0.6	21
26	A component of PremarinÂ® enhances multiple cognitive functions and influences nicotinic receptor expression. Hormones and Behavior, 2010, 58, 917-928.	2.1	14
27	New Strategies in the Management of Guillainâ€“BarrÃ© Syndrome. Clinical Reviews in Allergy and Immunology, 2014, 47, 274-288.	6.5	13
28	Comparison of the Anti-inflammatory Properties of Two Nicotinic Acetylcholine Receptor Ligands, Phosphocholine and pCF3-diEPP. Frontiers in Cellular Neuroscience, 2022, 16, 779081.	3.7	11
29	Lasting Effects of Low to Non-Lethal Radiation Exposure during Late Gestation on Offspringâ€™s Cardiac Metabolism and Oxidative Stress. Antioxidants, 2021, 10, 816.	5.1	5
30	Non-neuronal cholinergic activity is potentiated in myasthenia gravis. BMC Neurology, 2017, 17, 28.	1.8	4
31	Motor memory: Consolidationâ€“based enhancement effect revisited. Behavioral and Brain Sciences, 2005, 28, 68-69.	0.7	2
32	Proinflammatory monocyte production and distribution are modulated by alpha7 and alpha9 nicotinic acetylcholine receptors. Journal of Neuroimmunology, 2014, 275, 173-174.	2.3	0
33	Nicotine acetylcholine receptors modulate bone marrow-derived monocyte differentiation. Journal of Neuroimmunology, 2014, 275, 175.	2.3	0
34	Nicotinic acetylcholine receptor silent agonists modulate inflammation. FASEB Journal, 2019, 33, lb236.	0.5	0