Jonathan P Godbout

List of Publications by Year in Descending Order

56 papers	5,653 citations	36 h-index	59 g-index
59 ext. papers	6,978 ext. citations	8.2 avg, IF	6.12 L-index

#	Paper	IF	Citations
56	Astrocyte immunosenescence and deficits in interleukin 10 signaling in the aged brain disrupt the regulation of microglia following innate immune activation.. *Glia*, **2022**,	9	2
55	Dynamic Interleukin-1 Receptor Type 1 Signaling Mediates Microglia-Vasculature Interactions Following Repeated Systemic LPS.. *Journal of Inflammation Research*, **2022**, 15, 1575-1590	4.8	0
54	Sleep fragmentation engages stress-responsive circuitry, enhances inflammation and compromises hippocampal function following traumatic brain injury.. *Experimental Neurology*, **2022**, 114058	5.7	1
53	Interleukin-1 receptor on hippocampal neurons drives social withdrawal and cognitive deficits after chronic social stress. *Molecular Psychiatry*, **2021**, 26, 4770-4782	15.1	17
52	Traumatic Brain Injury and Risk of Neurodegenerative Disorder. *Biological Psychiatry*, **2021**,	7.9	16
51	Stromal Platelet-Derived Growth Factor Receptor-β Signaling Promotes Breast Cancer Metastasis in the Brain. *Cancer Research*, **2021**, 81, 606-618	10.1	12
50	Traumatic Brain Injury Causes Chronic Cortical Inflammation and Neuronal Dysfunction Mediated by Microglia. *Journal of Neuroscience*, **2021**, 41, 1597-1616	6.6	35
49	Sleep Disruption Exacerbates and Prolongs the Inflammatory Response to Traumatic Brain Injury. *Journal of Neurotrauma*, **2020**, 37, 1829-1843	5.4	13
48	Comparison between midline and lateral fluid percussion injury in mice reveals prolonged but divergent cortical neuroinflammation. *Brain Research*, **2020**, 1746, 146987	3.7	3
47	Acute peripheral inflammation and post-traumatic sleep differ between sexes after experimental diffuse brain injury. *European Journal of Neuroscience*, **2020**, 52, 2791-2814	3.5	13
46	Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. *Immunity*, **2019**, 50, 317-333.e6	32.3	60
45	Interleukin-1 causes CNS inflammatory cytokine expression via endothelia-microglia bi-cellular signaling. *Brain, Behavior, and Immunity*, **2019**, 81, 292-304	16.6	20
44	Mammary tumors compromise time-of-day differences in hypothalamic gene expression and circadian behavior and physiology in mice. *Brain, Behavior, and Immunity*, **2019**, 80, 805-817	16.6	7
43	A Tilted Axis: Maladaptive Inflammation and HPA Axis Dysfunction Contribute to Consequences of TBI. *Frontiers in Neurology*, **2019**, 10, 345	4.1	42
42	The Influence of Microglial Elimination and Repopulation on Stress Sensitization Induced by Repeated Social Defeat. *Biological Psychiatry*, **2019**, 85, 667-678	7.9	41
41	Interleukin-6 Induced by Social Stress Promotes a Unique Transcriptional Signature in the Monocytes That Facilitate Anxiety. *Biological Psychiatry*, **2019**, 85, 679-689	7.9	39
40	Effects of dermal wounding on distal primary tumor immunobiology in mice. *Journal of Surgical Research*, **2018**, 221, 328-335	2.5	3

39	Social Stress Mobilizes Hematopoietic Stem Cells to Establish Persistent Splenic Myelopoiesis. *Cell Reports*, **2018**, 25, 2552-2562.e3	10.6	65
38	Forced turnover of aged microglia induces an intermediate phenotype but does not rebalance CNS environmental cues driving priming to immune challenge. *Acta Neuropathologica Communications*, **2018**, 6, 129	7.3	53
37	Traumatic brain injury-induced neuronal damage in the somatosensory cortex causes formation of rod-shaped microglia that promote astrogliosis and persistent neuroinflammation. *Glia*, **2018**, 66, 2719-2736	9	68
36	Aging with a traumatic brain injury: Could behavioral morbidities and endocrine symptoms be influenced by microglial priming?. *Brain, Behavior, and Immunity*, **2017**, 59, 1-7	16.6	35
35	Microglia Priming with Aging and Stress. *Neuropsychopharmacology*, **2017**, 42, 318-333	8.7	171
34	Neuroinflammation: the devil is in the details. *Journal of Neurochemistry*, **2016**, 139 Suppl 2, 136-153	6	479
33	Insensitivity of astrocytes to interleukin 10 signaling following peripheral immune challenge results in prolonged microglial activation in the aged brain. *Neurobiology of Aging*, **2016**, 44, 22-41	5.6	39
32	Cognitive deficits develop 1month after diffuse brain injury and are exaggerated by microglia-associated reactivity to peripheral immune challenge. *Brain, Behavior, and Immunity*, **2016**, 54, 95-109	16.6	76
31	Sympathetic Release of Splenic Monocytes Promotes Recurring Anxiety Following Repeated Social Defeat. *Biological Psychiatry*, **2016**, 79, 803-813	7.9	73
30	Sequential activation of microglia and astrocyte cytokine expression precedes increased Iba-1 or GFAP immunoreactivity following systemic immune challenge. *Glia*, **2016**, 64, 300-16	9	262
29	Lumbar Myeloid Cell Trafficking into Locomotor Networks after Thoracic Spinal Cord Injury. *Experimental Neurology*, **2016**, 282, 86-98	5.7	13
28	Neuroinflammatory Dynamics Underlie Memory Impairments after Repeated Social Defeat. *Journal of Neuroscience*, **2016**, 36, 2590-604	6.6	122
27	The Alarmin HMGB1 Mediates Age-Induced Neuroinflammatory Priming. *Journal of Neuroscience*, **2016**, 36, 7946-56	6.6	75
26	Interleukin 1 type 1 receptor restore: a genetic mouse model for studying interleukin 1 receptor-mediated effects in specific cell types. *Journal of Neuroscience*, **2015**, 35, 2860-70	6.6	46
25	Priming the inflammatory pump of the CNS after traumatic brain injury. *Trends in Neurosciences*, **2015**, 38, 609-620	13.3	119
24	Ibuprofen ameliorates fatigue- and depressive-like behavior in tumor-bearing mice. *Life Sciences*, **2015**, 143, 65-70	6.8	30
23	Tumor growth increases neuroinflammation, fatigue and depressive-like behavior prior to alterations in muscle function. *Brain, Behavior, and Immunity*, **2015**, 43, 76-85	16.6	67
22	Methylene blue attenuates traumatic brain injury-associated neuroinflammation and acute depressive-like behavior in mice. *Journal of Neurotrauma*, **2015**, 32, 127-38	5.4	70

21	Neuroinflammation in Aging **2015**, 87-105		1
20	Chronic Inflammation After TBI and Associated Behavioral Sequelae. *Current Physical Medicine and Rehabilitation Reports*, **2015**, 3, 115-123	0.7	1
19	Microglial priming and enhanced reactivity to secondary insult in aging, and traumatic CNS injury, and neurodegenerative disease. *Neuropharmacology*, **2015**, 96, 29-41	5.5	239
18	Fluoxetine prevents the development of depressive-like behavior in a mouse model of cancer related fatigue. *Physiology and Behavior*, **2015**, 140, 230-5	3.5	25
17	TGF produced by IL-10 redirected astrocytes attenuates microglial activation. *Glia*, **2014**, 62, 881-95	9	153
16	IL-4 signaling drives a unique arginase+/IL-1 microglia phenotype and recruits macrophages to the inflammatory CNS: consequences of age-related deficits in IL-4R after traumatic spinal cord injury. *Journal of Neuroscience*, **2014**, 34, 8904-17	6.6	135
15	Microglia induce motor neuron death via the classical NF-B pathway in amyotrophic lateral sclerosis. *Neuron*, **2014**, 81, 1009-1023	13.9	393
14	Re-establishment of anxiety in stress-sensitized mice is caused by monocyte trafficking from the spleen to the brain. *Biological Psychiatry*, **2014**, 75, 970-81	7.9	181
13	Immune activation promotes depression 1 month after diffuse brain injury: a role for primed microglia. *Biological Psychiatry*, **2014**, 76, 575-84	7.9	165
12	Stress-induced recruitment of bone marrow-derived monocytes to the brain promotes anxiety-like behavior. *Journal of Neuroscience*, **2013**, 33, 13820-33	6.6	364
11	Aging and the Immune System **2013**, 313-329		
10	Cognitive and behavioral consequences of impaired immunoregulation in aging. *Journal of NeuroImmune Pharmacology*, **2012**, 7, 7-23	6.9	62
9	Peripheral innate immune challenge exaggerated microglia activation, increased the number of inflammatory CNS macrophages, and prolonged social withdrawal in socially defeated mice. *Psychoneuroendocrinology*, **2012**, 37, 1491-505	5	190
8	Lipopolysaccharide-induced interleukin (IL)-4 receptor- expression and corresponding sensitivity to the M2 promoting effects of IL-4 are impaired in microglia of aged mice. *Brain, Behavior, and Immunity*, **2012**, 26, 766-77	16.6	142
7	Protracted downregulation of CX3CR1 on microglia of aged mice after lipopolysaccharide challenge. *Brain, Behavior, and Immunity*, **2010**, 24, 1190-201	16.6	186
6	Peripheral lipopolysaccharide (LPS) challenge promotes microglial hyperactivity in aged mice that is associated with exaggerated induction of both pro-inflammatory IL-1beta and anti-inflammatory IL-10 cytokines. *Brain, Behavior, and Immunity*, **2009**, 23, 309-17	16.6	412
5	Age and neuroinflammation: a lifetime of psychoneuroimmune consequences. *Immunology and Allergy Clinics of North America*, **2009**, 29, 321-37	3.3	142
4	Aging exacerbates depressive-like behavior in mice in response to activation of the peripheral innate immune system. *Neuropsychopharmacology*, **2008**, 33, 2341-51	8.7	238

3	Stress-induced immune dysregulation: implications for wound healing, infectious disease and cancer. *Journal of NeuroImmune Pharmacology*, **2006**, 1, 421-7	6.9	263
2	Age and neuroinflammation: a lifetime of psychoneuroimmune consequences. *Neurologic Clinics*, **2006**, 24, 521-38	4.5	101
1	Alpha-tocopherol attenuates lipopolysaccharide-induced sickness behavior in mice. *Brain, Behavior, and Immunity*, **2004**, 18, 149-57	16.6	68