

Jonathan P Godbout

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9436505/publications.pdf>

Version: 2024-02-01

56
papers

8,242
citations

76196

40
h-index

143772

57
g-index

59
all docs

59
docs citations

59
times ranked

10170
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroinflammation: the devil is in the details. <i>Journal of Neurochemistry</i> , 2016, 139, 136-153.	2.1	915
2	Microglia Induce Motor Neuron Death via the Classical NF- κ B Pathway in Amyotrophic Lateral Sclerosis. <i>Neuron</i> , 2014, 81, 1009-1023.	3.8	527
3	Peripheral lipopolysaccharide (LPS) challenge promotes microglial hyperactivity in aged mice that is associated with exaggerated induction of both pro-inflammatory IL-1 β and anti-inflammatory IL-10 cytokines. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 309-317.	2.0	495
4	Stress-Induced Recruitment of Bone Marrow-Derived Monocytes to the Brain Promotes Anxiety-Like Behavior. <i>Journal of Neuroscience</i> , 2013, 33, 13820-13833.	1.7	466
5	Sequential activation of microglia and astrocyte cytokine expression precedes increased Iba1 or GFAP immunoreactivity following systemic immune challenge. <i>Glia</i> , 2016, 64, 300-316.	2.5	401
6	Microglial priming and enhanced reactivity to secondary insult in aging, and traumatic CNS injury, and neurodegenerative disease. <i>Neuropharmacology</i> , 2015, 96, 29-41.	2.0	313
7	Stress-Induced Immune Dysregulation: Implications for Wound Healing, Infectious Disease and Cancer. <i>Journal of Neuroimmune Pharmacology</i> , 2006, 1, 421-427.	2.1	311
8	Microglia Priming with Aging and Stress. <i>Neuropsychopharmacology</i> , 2017, 42, 318-333.	2.8	284
9	Aging Exacerbates Depressive-like Behavior in Mice in Response to Activation of the Peripheral Innate Immune System. <i>Neuropsychopharmacology</i> , 2008, 33, 2341-2351.	2.8	267
10	TGF β 2 produced by IL-10 redirected astrocytes attenuates microglial activation. <i>Glia</i> , 2014, 62, 881-895.	2.5	252
11	Re-establishment of Anxiety in Stress-Sensitized Mice Is Caused by Monocyte Trafficking from the Spleen to the Brain. <i>Biological Psychiatry</i> , 2014, 75, 970-981.	0.7	242
12	Peripheral innate immune challenge exaggerated microglia activation, increased the number of inflammatory CNS macrophages, and prolonged social withdrawal in socially defeated mice. <i>Psychoneuroendocrinology</i> , 2012, 37, 1491-1505.	1.3	234
13	Protracted downregulation of CX3CR1 on microglia of aged mice after lipopolysaccharide challenge. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1190-1201.	2.0	225
14	Immune Activation Promotes Depression 1 Month After Diffuse Brain Injury: A Role for Primed Microglia. <i>Biological Psychiatry</i> , 2014, 76, 575-584.	0.7	209
15	Priming the Inflammatory Pump of the CNS after Traumatic Brain Injury. <i>Trends in Neurosciences</i> , 2015, 38, 609-620.	4.2	175
16	Lipopolysaccharide-induced interleukin (IL)-4 receptor α expression and corresponding sensitivity to the M2 promoting effects of IL-4 are impaired in microglia of aged mice. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 766-777.	2.0	172
17	IL-4 Signaling Drives a Unique Arginase+/IL-1 β + Microglia Phenotype and Recruits Macrophages to the Inflammatory CNS: Consequences of Age-Related Deficits in IL-4RA after Traumatic Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2014, 34, 8904-8917.	1.7	172
18	Traumatic Brain Injury Causes Chronic Cortical Inflammation and Neuronal Dysfunction Mediated by Microglia. <i>Journal of Neuroscience</i> , 2021, 41, 1597-1616.	1.7	168

#	ARTICLE	IF	CITATIONS
19	Neuroinflammatory Dynamics Underlie Memory Impairments after Repeated Social Defeat. <i>Journal of Neuroscience</i> , 2016, 36, 2590-2604.	1.7	163
20	Age and Neuroinflammation: A Lifetime of Psychoneuroimmune Consequences. <i>Immunology and Allergy Clinics of North America</i> , 2009, 29, 321-337.	0.7	161
21	Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. <i>Immunity</i> , 2019, 50, 317-333.e6.	6.6	116
22	Cognitive deficits develop 1 month after diffuse brain injury and are exaggerated by microglia-associated reactivity to peripheral immune challenge. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 95-109.	2.0	113
23	Age and Neuroinflammation: A Lifetime of Psychoneuroimmune Consequences. <i>Neurologic Clinics</i> , 2006, 24, 521-538.	0.8	111
24	Sympathetic Release of Splenic Monocytes Promotes Recurring Anxiety Following Repeated Social Defeat. <i>Biological Psychiatry</i> , 2016, 79, 803-813.	0.7	108
25	Traumatic brain injury-induced neuronal damage in the somatosensory cortex causes formation of rod-shaped microglia that promote astrogliosis and persistent neuroinflammation. <i>Glia</i> , 2018, 66, 2719-2736.	2.5	105
26	Traumatic Brain Injury and Risk of Neurodegenerative Disorder. <i>Biological Psychiatry</i> , 2022, 91, 498-507.	0.7	105
27	The Alarmin HMGB1 Mediates Age-Induced Neuroinflammatory Priming. <i>Journal of Neuroscience</i> , 2016, 36, 7946-7956.	1.7	103
28	Forced turnover of aged microglia induces an intermediate phenotype but does not rebalance CNS environmental cues driving priming to immune challenge. <i>Acta Neuropathologica Communications</i> , 2018, 6, 129.	2.4	96
29	Social Stress Mobilizes Hematopoietic Stem Cells to Establish Persistent Splenic Myelopoiesis. <i>Cell Reports</i> , 2018, 25, 2552-2562.e3.	2.9	94
30	Methylene Blue Attenuates Traumatic Brain Injury-Associated Neuroinflammation and Acute Depressive-Like Behavior in Mice. <i>Journal of Neurotrauma</i> , 2015, 32, 127-138.	1.7	93
31	Tumor growth increases neuroinflammation, fatigue and depressive-like behavior prior to alterations in muscle function. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 76-85.	2.0	84
32	Cognitive and Behavioral Consequences of Impaired Immunoregulation in Aging. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 7-23.	2.1	77
33	Interleukin-6 Induced by Social Stress Promotes a Unique Transcriptional Signature in the Monocytes That Facilitate Anxiety. <i>Biological Psychiatry</i> , 2019, 85, 679-689.	0.7	77
34	A Tilted Axis: Maladaptive Inflammation and HPA Axis Dysfunction Contribute to Consequences of TBI. <i>Frontiers in Neurology</i> , 2019, 10, 345.	1.1	75
35	Î±-Tocopherol attenuates lipopolysaccharide-induced sickness behavior in mice. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 149-157.	2.0	72
36	The Influence of Microglial Elimination and Repopulation on Stress Sensitization Induced by Repeated Social Defeat. <i>Biological Psychiatry</i> , 2019, 85, 667-678.	0.7	72

#	ARTICLE	IF	CITATIONS
37	Insensitivity of astrocytes to interleukin 10 signaling following peripheral immune challenge results in prolonged microglial activation in the aged brain. <i>Neurobiology of Aging</i> , 2016, 44, 22-41.	1.5	63
38	Microglia coordinate cellular interactions during spinal cord repair in mice. <i>Nature Communications</i> , 2022, 13, .	5.8	61
39	Interleukin 1 Type 1 Receptor Restore: A Genetic Mouse Model for Studying Interleukin 1 Receptor-Mediated Effects in Specific Cell Types. <i>Journal of Neuroscience</i> , 2015, 35, 2860-2870.	1.7	57
40	Interleukin-1 receptor on hippocampal neurons drives social withdrawal and cognitive deficits after chronic social stress. <i>Molecular Psychiatry</i> , 2021, 26, 4770-4782.	4.1	50
41	Aging with a traumatic brain injury: Could behavioral morbidities and endocrine symptoms be influenced by microglial priming?. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 1-7.	2.0	47
42	Interleukin-1 causes CNS inflammatory cytokine expression via endothelia-microglia bi-cellular signaling. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 292-304.	2.0	37
43	Ibuprofen ameliorates fatigue- and depressive-like behavior in tumor-bearing mice. <i>Life Sciences</i> , 2015, 143, 65-70.	2.0	35
44	Stromal Platelet-Derived Growth Factor Receptor-1 ² Signaling Promotes Breast Cancer Metastasis in the Brain. <i>Cancer Research</i> , 2021, 81, 606-618.	0.4	32
45	Fluoxetine prevents the development of depressive-like behavior in a mouse model of cancer related fatigue. <i>Physiology and Behavior</i> , 2015, 140, 230-235.	1.0	30
46	Acute peripheral inflammation and post-traumatic sleep differ between sexes after experimental diffuse brain injury. <i>European Journal of Neuroscience</i> , 2020, 52, 2791-2814.	1.2	30
47	Sleep Disruption Exacerbates and Prolongs the Inflammatory Response to Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1829-1843.	1.7	28
48	Chronic Cortical Inflammation, Cognitive Impairment, and Immune Reactivity Associated with Diffuse Brain Injury Are Ameliorated by Forced Turnover of Microglia. <i>Journal of Neuroscience</i> , 2022, 42, 4215-4228.	1.7	26
49	Astrocyte immunosenescence and deficits in interleukin 10 signaling in the aged brain disrupt the regulation of microglia following innate immune activation. <i>Glia</i> , 2022, 70, 913-934.	2.5	23
50	Sleep fragmentation engages stress-responsive circuitry, enhances inflammation and compromises hippocampal function following traumatic brain injury. <i>Experimental Neurology</i> , 2022, 353, 114058.	2.0	17
51	Lumbar Myeloid Cell Trafficking into Locomotor Networks after Thoracic Spinal Cord Injury. <i>Experimental Neurology</i> , 2016, 282, 86-98.	2.0	16
52	Mammary tumors compromise time-of-day differences in hypothalamic gene expression and circadian behavior and physiology in mice. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 805-817.	2.0	13
53	Comparison between midline and lateral fluid percussion injury in mice reveals prolonged but divergent cortical neuroinflammation. <i>Brain Research</i> , 2020, 1746, 146987.	1.1	9
54	Dynamic Interleukin-1 Receptor Type 1 Signaling Mediates Microglia-Vasculature Interactions Following Repeated Systemic LPS. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1575-1590.	1.6	6

#	ARTICLE	IF	CITATIONS
55	Effects of dermal wounding on distal primary tumor immunobiology in mice. Journal of Surgical Research, 2018, 221, 328-335.	0.8	3
56	Chronic Inflammation After TBI and Associated Behavioral Sequelae. Current Physical Medicine and Rehabilitation Reports, 2015, 3, 115-123.	0.3	2