

# Tatiana Barichello

## List of Publications by Year in descending order

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Version: 2024-02-01

193  
papers

6,626  
citations

81900

39  
h-index

88630

70  
g-index

200  
all docs

200  
docs citations

200  
times ranked

8271  
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 inflammasome activation increases brain oxidative stress after transient global cerebral ischemia in rats. <i>International Journal of Neuroscience</i> , 2023, 133, 375-388.	1.6	9
2	Brain Infections, Encephalitis, and Meningitis: Bacteria. , 2022, , 287-301.		1
3	Postmortem Evidence of Brain Inflammatory Markers and Injury in Septic Patients: A Systematic Review. <i>Critical Care Medicine</i> , 2022, 50, e241-e252.	0.9	12
4	What is the role of microbial infection in Alzheimer's disease?. <i>Revista Brasileira De Psiquiatria</i> , 2022, 44, 245-247.	1.7	4
5	Biomarkers for sepsis: more than just fever and leukocytosis—a narrative review. <i>Critical Care</i> , 2022, 26, 14.	5.8	126
6	The role of innate lymphoid cells (ILCs) in mental health. <i>Discover Mental Health</i> , 2022, 2, 2.	2.0	4
7	Blood-brain barrier dysfunction in bipolar disorder: Molecular mechanisms and clinical implications. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2022, 21, 100441.	2.5	7
8	The authors reply. <i>Critical Care Medicine</i> , 2022, 50, e502-e503.	0.9	0
9	A crosstalk between gut and brain in sepsis-induced cognitive decline. <i>Journal of Neuroinflammation</i> , 2022, 19, .	7.2	29
10	Diabetes Exacerbates Sepsis-Induced Neuroinflammation and Brain Mitochondrial Dysfunction. <i>Inflammation</i> , 2022, 45, 2352-2367.	3.8	7
11	Stanniocalcin 1 Inhibits the Inflammatory Response in Microglia and Protects Against Sepsis-Associated Encephalopathy. <i>Neurotoxicity Research</i> , 2021, 39, 119-132.	2.7	19
12	Folic acid prevents habituation memory impairment and oxidative stress in an aging model induced by D-galactose. <i>Metabolic Brain Disease</i> , 2021, 36, 213-224.	2.9	11
13	The impact of the microbiota-gut-brain axis on Alzheimer's disease pathophysiology. <i>Pharmacological Research</i> , 2021, 164, 105314.	7.1	144
14	The blood-brain barrier dysfunction in sepsis. <i>Tissue Barriers</i> , 2021, 9, 1840912.	3.2	32
15	Receptor for Advanced Glycation End Products (RAGE) Mediates Cognitive Impairment Triggered by Pneumococcal Meningitis. <i>Neurotherapeutics</i> , 2021, 18, 640-653.	4.4	16
16	Requirement of brain interleukin33 for aquaporin4 expression in astrocytes and glymphatic drainage of abnormal tau. <i>Molecular Psychiatry</i> , 2021, 26, 5912-5924.	7.9	23
17	Immune mechanisms in bipolar disorder: Evidence and implications. , 2021, , 37-59.		0
18	The role of the microbiota-gut-brain axis in neuropsychiatric disorders. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 293-305.	1.7	87

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19	The impact of early life stress and immune challenge on behavior and glia cells alteration in late adolescent rats. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 407-415.	1.6	3
20	The effects of anaesthetics and sedatives on brain inflammation. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 504-513.	6.1	20
21	Folic acid alleviates the blood brain barrier permeability and oxidative stress and prevents cognitive decline in sepsis-surviving rats. <i>Microvascular Research</i> , 2021, 137, 104193.	2.5	11
22	Mitophagy in depression: Pathophysiology and treatment targets. <i>Mitochondrion</i> , 2021, 61, 1-10.	3.4	23
23	The Protective Effect of PK-11195 on Cognitive Impairment in Rats Survived of Polymicrobial Sepsis. <i>Molecular Neurobiology</i> , 2021, 58, 2724-2733.	4.0	4
24	Brain Infections, Encephalitis, and Meningitis: Fungus. , 2021, , .		0
25	Editorial: Host-Pathogen Interaction in the Central Nervous System. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 790761.	3.9	0
26	Fish oil-rich lipid emulsion modulates neuroinflammation and prevents long-term cognitive dysfunction after sepsis. <i>Nutrition</i> , 2020, 70, 110417.	2.4	23
27	Postmortem evidence of brain inflammatory markers in bipolar disorder: a systematic review. <i>Molecular Psychiatry</i> , 2020, 25, 94-113.	7.9	75
28	Gold nanoparticles potentiates N-acetylcysteine effects on neurochemicals alterations in rats after polymicrobial sepsis. <i>Journal of Drug Targeting</i> , 2020, 28, 428-436.	4.4	10
29	Stanniocalcin-1 ameliorates cerebral ischemia by decrease oxidative stress and blood brain barrier permeability. <i>Microvascular Research</i> , 2020, 128, 103956.	2.5	21
30	The Role of Secretase Pathway in Long-term Brain Inflammation and Cognitive Impairment in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2020, 57, 1159-1169.	4.0	15
31	The NLRP3 Inflammasome and Its Role in Sepsis Development. <i>Inflammation</i> , 2020, 43, 24-31.	3.8	155
32	Neuroinflammation trajectories precede cognitive impairment after experimental meningitis—evidence from an in vivo PET study. <i>Journal of Neuroinflammation</i> , 2020, 17, 5.	7.2	21
33	Phosphodiesterase-5 inhibitors: Shedding new light on the darkness of depression?. <i>Journal of Affective Disorders</i> , 2020, 264, 138-149.	4.1	14
34	Inflammation as a Mechanism of Bipolar Disorder Neuroprogression. <i>Current Topics in Behavioral Neurosciences</i> , 2020, 48, 215-237.	1.7	8
35	Lipoic Acid and Fish Oil Combination Potentiates Neuroinflammation and Oxidative Stress Regulation and Prevents Cognitive Decline of Rats After Sepsis. <i>Molecular Neurobiology</i> , 2020, 57, 4451-4466.	4.0	9
36	NLRP3 Activation Contributes to Acute Brain Damage Leading to Memory Impairment in Sepsis-Surviving Rats. <i>Molecular Neurobiology</i> , 2020, 57, 5247-5262.	4.0	18

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37	Aging influences in the blood-brain barrier permeability and cerebral oxidative stress in sepsis. <i>Experimental Gerontology</i> , 2020, 140, 111063.	2.8	11
38	Receptor for advanced glycation end products mediates meningitis-triggered amyloid $\beta$ accumulation and cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, e047199.	0.8	1
39	3,4-Dihydroxybenzalacetone (DBL) Prevents Aging-Induced Myocardial Changes in Senescence-Accelerated Mouse-Prone 8 (SAMP8) Mice. <i>Cells</i> , 2020, 9, 597.	4.1	4
40	Clozapine Prevents Poly (I:C) Induced Inflammation by Modulating NLRP3 Pathway in Microglial Cells. <i>Cells</i> , 2020, 9, 577.	4.1	36
41	Early life neuroimmune challenge protects the brain after sepsis in adult rats. <i>Neurochemistry International</i> , 2020, 135, 104712.	3.8	8
42	Sickness Behavior Score Is Associated with Neuroinflammation and Late Behavioral Changes in Polymicrobial Sepsis Animal Model. <i>Inflammation</i> , 2020, 43, 1019-1034.	3.8	12
43	The GLP-1 receptor agonist liraglutide reverses mania-like alterations and memory deficits induced by D-amphetamine and augments lithium effects in mice: Relevance for bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109872.	4.8	21
44	Modulation of microglial phenotypes improves sepsis-induced hippocampus-dependent cognitive impairments and decreases brain inflammation in an animal model of sepsis. <i>Clinical Science</i> , 2020, 134, 765-776.	4.3	14
45	Biomarkers in Alzheimer disease: are we there yet?. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 337-339.	1.7	10
46	Effect of mild sepsis on behavioral and biochemical changes on the stress-induced animal model of depression. <i>Journal of Systems and Integrative Neuroscience</i> , 2020, 7, .	0.6	0
47	Ammonia exposition during gestation induces neonatal oxidative damage in the brain and long-term cognitive alteration in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20190925.	0.8	3
48	Neonatal Meningitis Mechanisms and Implications in Adult Life. <i>Agents and Actions Supplements</i> , 2020, , 81-100.	0.2	0
49	Maternal Immune Activation as a Risk Factor for Schizophrenia: Evidence From Preclinical and Clinical Studies. <i>Agents and Actions Supplements</i> , 2020, , 129-154.	0.2	2
50	Imipramine treatment reverses depressive- and anxiety-like behaviors, normalize adrenocorticotrophic hormone, and reduces interleukin-1 $\beta$ in the brain of rats subjected to experimental periapical lesion. <i>Pharmacological Reports</i> , 2019, 71, 24-31.	3.3	13
51	Postmortem evidence of neuroinflammation in bipolar disorder: a systematic review. <i>Journal of Affective Disorders</i> , 2019, 254, 129.	4.1	4
52	Implication of the Mitochondrial and Immune Dysfunctions in Bipolar Disorder: New Insights Into Pathogenesis. <i>Journal of Affective Disorders</i> , 2019, 254, 136.	4.1	0
53	T127. TSPO Upregulation and Mitophagic Proteins Downregulation in Association With NLRP3 Inflammasome Activation in Bipolar Disorder. <i>Biological Psychiatry</i> , 2019, 85, S178.	1.3	0
54	Mitochondrial dysfunction is associated with long-term cognitive impairment in an animal sepsis model. <i>Clinical Science</i> , 2019, 133, 1993-2004.	4.3	32

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55	Infection-Induced Systemic Inflammation Is a Potential Driver of Alzheimer's Disease Progression. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 122.	3.4	40
56	Microglial Cells Depletion Increases Inflammation and Modifies Microglial Phenotypes in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2019, 56, 7296-7304.	4.0	35
57	Maternal deprivation increases microglial activation and neuroinflammatory markers in the prefrontal cortex and hippocampus of infant rats. <i>Journal of Psychiatric Research</i> , 2019, 115, 13-20.	3.1	29
58	Microglial Activation and Psychotic Disorders: Evidence from Pre-clinical and Clinical Studies. <i>Current Topics in Behavioral Neurosciences</i> , 2019, 44, 161-205.	1.7	28
59	Peritoneal endometriosis induces time-related depressive- and anxiety-like alterations in female rats: involvement of hippocampal pro-oxidative and BDNF alterations. <i>Metabolic Brain Disease</i> , 2019, 34, 909-925.	2.9	14
60	TSPO upregulation in bipolar disorder and concomitant downregulation of mitophagic proteins and NLRP3 inflammasome activation. <i>Neuropsychopharmacology</i> , 2019, 44, 1291-1299.	5.4	58
61	An Overview of the Blood-Brain Barrier. <i>Neuromethods</i> , 2019, , 1-8.	0.3	9
62	Biomarkers for Microvascular Proteins Detection: Blood-Brain Barrier Injury and Damage Measurement. <i>Neuromethods</i> , 2019, , 343-363.	0.3	0
63	Oxidative stress in the choroid plexus contributes to blood-brain barrier disruption during sepsis development. <i>Microvascular Research</i> , 2019, 123, 19-24.	2.5	18
64	Medial Forebrain Bundle Deep Brain Stimulation Reverses Anhedonic-Like Behavior in a Chronic Model of Depression: Importance of BDNF and Inflammatory Cytokines. <i>Molecular Neurobiology</i> , 2019, 56, 4364-4380.	4.0	33
65	Long-Term Cognitive Outcomes After Sepsis: a Translational Systematic Review. <i>Molecular Neurobiology</i> , 2019, 56, 186-251.	4.0	69
66	Molecular Imaging of Blood-Brain Barrier Permeability in Preclinical Models Using PET and SPECT. <i>Neuromethods</i> , 2019, , 329-342.	0.3	3
67	A cerebrospinal fluid biosignature for the diagnosis of Alzheimer's disease. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 467-468.	1.7	8
68	Neonatal Immune Challenge with Lipopolysaccharide Triggers Long-lasting Sex- and Age-related Behavioral and Immune/Neurotrophic Alterations in Mice: Relevance to Autism Spectrum Disorders. <i>Molecular Neurobiology</i> , 2018, 55, 3775-3788.	4.0	61
69	Maternal immune activation induced by lipopolysaccharide triggers immune response in pregnant mother and fetus, and induces behavioral impairment in adult rats. <i>Journal of Psychiatric Research</i> , 2018, 100, 71-83.	3.1	54
70	Dimethyl Fumarate Limits Neuroinflammation and Oxidative Stress and Improves Cognitive Impairment After Polymicrobial Sepsis. <i>Neurotoxicity Research</i> , 2018, 34, 418-430.	2.7	37
71	T85. Effect of Deep Brain Stimulation on Inflammatory Markers in Hippocampus of Rodents Exposed to Chronic Unpredictable Stress - a Model of Depression. <i>Biological Psychiatry</i> , 2018, 83, S161-S162.	1.3	1
72	Brain Barrier Breakdown as a Cause and Consequence of Neuroinflammation in Sepsis. <i>Molecular Neurobiology</i> , 2018, 55, 1045-1053.	4.0	140

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73	Post-sepsis cognitive impairment and associated risk factors: A systematic review. <i>Australian Critical Care</i> , 2018, 31, 242-253.	1.3	59
74	Zika Virus as an Emerging Neuropathogen: Mechanisms of Neurovirulence and Neuro-Immune Interactions. <i>Molecular Neurobiology</i> , 2018, 55, 4160-4184.	4.0	26
75	The inhibition of the kynurenine pathway prevents behavioral disturbances and oxidative stress in the brain of adult rats subjected to an animal model of schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 55-63.	4.8	40
76	Vitamin B6 Reduces Neurochemical and Long-Term Cognitive Alterations After Polymicrobial Sepsis: Involvement of the Kynurenine Pathway Modulation. <i>Molecular Neurobiology</i> , 2018, 55, 5255-5268.	4.0	36
77	Dimethyl Fumarate Modulates Oxidative Stress and Inflammation in Organs After Sepsis in Rats. <i>Inflammation</i> , 2018, 41, 315-327.	3.8	50
78	Receptor for advanced glycation end products mediates sepsis-triggered amyloid- $\beta^2$ accumulation, Tau phosphorylation, and cognitive impairment. <i>Journal of Biological Chemistry</i> , 2018, 293, 226-244.	3.4	94
79	Behavioral alterations are independent of previous generalized anxiety in experimental sepsis. <i>Neurology Psychiatry and Brain Research</i> , 2018, 30, 144-147.	2.0	0
80	T105. Changes of TSPO Affects Selective Removal of Mitochondria via Mitophagy. <i>Biological Psychiatry</i> , 2018, 83, S169.	1.3	0
81	Major depression model induced by repeated and intermittent lipopolysaccharide administration: Long-lasting behavioral, neuroimmune and neuroprogressive alterations. <i>Journal of Psychiatric Research</i> , 2018, 107, 57-67.	3.1	50
82	Oxidative stress and mitochondrial dysfunction contributes to postoperative cognitive dysfunction in elderly rats. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 661-669.	4.1	142
83	Administração intracerebroventricular de inibidor do inflamassoma NLRP3 diminui a neuroinflamação após sepsis experimental em ratos. , 2018, 37, .		0
84	Potencial antibacteriano e perfil farmacognóstico das folhas de <i>Hibiscus acetosella</i> Welw Ex Hiern. <i>Revista De Ciências Médicas E Biológicas</i> , 2018, 17, 170.	0.1	0
85	Biomarkers of Delirium in a Low-Risk Community-Acquired Pneumonia-Induced Sepsis. <i>Molecular Neurobiology</i> , 2017, 54, 722-726.	4.0	24
86	Increased risk of developing schizophrenia in animals exposed to cigarette smoke during the gestational period. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 75, 199-206.	4.8	4
87	Inhibition of indoleamine 2,3-dioxygenase 1/2 prevented cognitive impairment and energetic metabolism changes in the hippocampus of adult rats subjected to polymicrobial sepsis. <i>Journal of Neuroimmunology</i> , 2017, 305, 167-171.	2.3	21
88	Ketamine potentiates oxidative stress and influences behavior and inflammation in response to lipopolysaccharide (LPS) exposure in early life. <i>Neuroscience</i> , 2017, 353, 17-25.	2.3	47
89	A systematic review of evidence for the role of inflammatory biomarkers in bipolar patients. <i>Journal of Psychiatric Research</i> , 2017, 92, 160-182.	3.1	129
90	Temporal changes of oxidative stress markers in <i>Escherichia coli</i> K1-induced experimental meningitis in a neonatal rat model. <i>Neuroscience Letters</i> , 2017, 653, 288-295.	2.1	12

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91	Alpha-lipoic acid attenuates acute neuroinflammation and long-term cognitive impairment after polymicrobial sepsis. <i>Neurochemistry International</i> , 2017, 108, 436-447.	3.8	41
92	Serum levels of neurotrophic factors in active toxoplasmic retinochoroiditis. <i>Brazilian Journal of Infectious Diseases</i> , 2017, 21, 176-179.	0.6	3
93	The translocator protein (18 kDa) and its role in neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 183-199.	6.1	23
94	304. Immunological, Molecular and Behavioral Effects of LPS Induced Maternal Immune Activation. <i>Biological Psychiatry</i> , 2017, 81, S125-S126.	1.3	0
95	The impact of chronic mild stress on long-term depressive behavior in rats which have survived sepsis. <i>Journal of Psychiatric Research</i> , 2017, 94, 47-53.	3.1	11
96	Antidepressants, antimicrobials or both? Gut microbiota dysbiosis in depression and possible implications of the antimicrobial effects of antidepressant drugs for antidepressant effectiveness. <i>Journal of Affective Disorders</i> , 2017, 208, 22-32.	4.1	187
97	Gut Microbiota, Bacterial Translocation, and Interactions with Diet: Pathophysiological Links between Major Depressive Disorder and Non-Communicable Medical Comorbidities. <i>Psychotherapy and Psychosomatics</i> , 2017, 86, 31-46.	8.8	176
98	Prevention of Memory Impairment and Neurotrophic Factors Increased by Lithium in Wistar Rats Submitted to Pneumococcal Meningitis Model. <i>Mediators of Inflammation</i> , 2017, 2017, 1-8.	3.0	16
99	Pathophysiology of Neonatal Bacterial Meningitis. , 2017, , 1703-1712.e4.		0
100	Congenital Muscular Dystrophy 1D Causes Matrix Metalloproteinase Activation And Blood-Brain Barrier Impairment. <i>Current Neurovascular Research</i> , 2017, 14, 60-64.	1.1	3
101	Exposure to Perinatal Infections and Bipolar Disorder: A Systematic Review. <i>Current Molecular Medicine</i> , 2016, 16, 106-118.	1.3	29
102	Obesity Exacerbates Sepsis-Induced Oxidative Damage in Organs. <i>Inflammation</i> , 2016, 39, 2062-2071.	3.8	16
103	Serum S100B in manic bipolar disorder patients: Systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2016, 206, 210-215.	4.1	27
104	Newer insights into the role of miRNA a tiny genetic tool in psychiatric disorders: focus on post-traumatic stress disorder. <i>Translational Psychiatry</i> , 2016, 6, e954-e954.	4.8	24
105	Depression-Like Adult Behaviors may be a Long-Term Result of Experimental Pneumococcal Meningitis in Wistar Rats Infants. <i>Neurochemical Research</i> , 2016, 41, 2771-2778.	3.3	14
106	Experimental sadness induces relevant interactions between central endogenous opioid activation and plasma IL-18 concentrations in depressed volunteers. <i>Molecular Psychiatry</i> , 2016, 21, 151-151.	7.9	6
107	Stress and neuroinflammation: a systematic review of the effects of stress on microglia and the implications for mental illness. <i>Psychopharmacology</i> , 2016, 233, 1637-1650.	3.1	476
108	Acute experimental changes in mood state regulate immune function in relation to central opioid neurotransmission: a model of human CNS-peripheral inflammatory interaction. <i>Molecular Psychiatry</i> , 2016, 21, 243-251.	7.9	29



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109	Role of Microglial Activation in the Pathophysiology of Bacterial Meningitis. <i>Molecular Neurobiology</i> , 2016, 53, 1770-1781.	4.0	55
110	Does Infection-Induced Immune Activation Contribute to Dementia?. , 2015, 6, 342.		34
111	CD40-CD40 Ligand Pathway Is a Major Component of Acute Neuroinflammation and Contributes to Long-term Cognitive Dysfunction after Sepsis. <i>Molecular Medicine</i> , 2015, 21, 219-226.	4.4	57
112	The role of inflammation and microglial activation in the pathophysiology of psychiatric disorders. <i>Neuroscience</i> , 2015, 300, 141-154.	2.3	496
113	Targets for adjunctive therapy in pneumococcal meningitis. <i>Journal of Neuroimmunology</i> , 2015, 278, 262-270.	2.3	21
114	Sodium Butyrate Prevents Memory Impairment by Re-establishing BDNF and GDNF Expression in Experimental Pneumococcal Meningitis. <i>Molecular Neurobiology</i> , 2015, 52, 734-740.	4.0	82
115	Effects of sodium butyrate on aversive memory in rats submitted to sepsis. <i>Neuroscience Letters</i> , 2015, 595, 134-138.	2.1	28
116	Effect of sepsis on behavioral changes on the ketamine-induced animal model of schizophrenia. <i>Journal of Neuroimmunology</i> , 2015, 281, 78-82.	2.3	5
117	Ebselen Attenuates Lung Injury in Experimental Model of Carrageenan-Induced Pleurisy in Rats. <i>Inflammation</i> , 2015, 38, 1394-1400.	3.8	13
118	Mechanisms of long-term cognitive dysfunction of sepsis: from blood-borne leukocytes to glial cells. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 30.	1.9	40
119	Folic acid prevented cognitive impairment in experimental pneumococcal meningitis. <i>Journal of Neural Transmission</i> , 2015, 122, 643-651.	2.8	14
120	Obesity Promotes Oxidative Stress and Exacerbates Sepsis-induced Brain Damage. <i>Current Neurovascular Research</i> , 2015, 12, 147-154.	1.1	16
121	Interleukin-1&#946; Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. <i>Current Neurovascular Research</i> , 2015, 12, 253-261.	1.1	13
122	Association between Experimental Bacterial Meningitis and Periapical Lesion. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015, 9, DF01-3.	0.8	0
123	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 322-329.	1.7	12
124	Increased on oxidative brain injury in the diabetic rats following sepsis. <i>Synapse</i> , 2014, 68, 410-418.	1.2	6
125	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. <i>Translational Research</i> , 2014, 163, 503-513.	5.0	21
126	<i>Klebsiella pneumoniae</i> meningitis induces memory impairment and increases pro-inflammatory host response in the central nervous system of Wistar rats. <i>Journal of Medical Microbiology</i> , 2014, 63, 111-117.	1.8	7



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127	Vitamin B6 prevents cognitive impairment in experimental pneumococcal meningitis. <i>Experimental Biology and Medicine</i> , 2014, 239, 1360-1365.	2.4	15
128	Inhibition of matrix metalloproteinases-2 and -9 prevents cognitive impairment induced by pneumococcal meningitis in Wistar rats. <i>Experimental Biology and Medicine</i> , 2014, 239, 225-231.	2.4	33
129	Neuroimmunomodulation in Depression: A Review of Inflammatory Cytokines Involved in this Process. <i>Neurochemical Research</i> , 2014, 39, 1634-1639.	3.3	25
130	Neonatal <i>Escherichia coli</i> K1 meningitis causes learning and memory impairments in adulthood. <i>Journal of Neuroimmunology</i> , 2014, 272, 35-41.	2.3	20
131	Effects of Organoselenium Compounds on Early and Late Brain Biochemical Alterations in Sepsis-Survivor Rats. <i>Neurotoxicity Research</i> , 2014, 26, 382-391.	2.7	13
132	Protection of Blood Brain Barrier Integrity and Modulation of Inflammatory Mediators During Treatment of Pneumococcal Meningitis with Daptomycin or Ceftriaxone. <i>Current Neurovascular Research</i> , 2014, 11, 210-222.	1.1	4
133	Meta-analysis Identifies Tumor Necrosis Factor-alpha and Interleukin-1 beta as Diagnostic Biomarkers for Bacterial and Aseptic Meningitis. <i>Current Neurovascular Research</i> , 2014, 11, 340-348.	1.1	14
134	Evaluation of energetic metabolism in the rat brain after meningitis induction by <i>Klebsiella pneumoniae</i> . <i>Acta Neuropsychiatrica</i> , 2013, 25, 95-100.	2.1	1
135	Attenuation of cognitive impairment by the nonbacteriolytic antibiotic daptomycin in Wistar rats submitted to pneumococcal meningitis. <i>BMC Neuroscience</i> , 2013, 14, 42.	1.9	20
136	Inhibition of indoleamine 2,3-dioxygenase prevented cognitive impairment in adult Wistar rats subjected to pneumococcal meningitis. <i>Translational Research</i> , 2013, 162, 390-397.	5.0	26
137	Caspase-3 Mediates In Part Hippocampal Apoptosis in Sepsis. <i>Molecular Neurobiology</i> , 2013, 47, 394-398.	4.0	48
138	Evaluation of the brain-derived neurotrophic factor, nerve growth factor and memory in adult rats survivors of the neonatal meningitis by <i>Streptococcus agalactiae</i> . <i>Brain Research Bulletin</i> , 2013, 92, 56-59.	3.0	17
139	Pathophysiology of Bacterial Infection of the Central Nervous System and its Putative Role in the Pathogenesis of Behavioral Changes. <i>Revista Brasileira De Psiquiatria</i> , 2013, 35, 81-87.	1.7	38
140	Pathophysiology of neonatal acute bacterial meningitis. <i>Journal of Medical Microbiology</i> , 2013, 62, 1781-1789.	1.8	73
141	Role of Oxidative Stress in the Pathophysiology of Pneumococcal Meningitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-7.	4.0	35
142	Psychiatric syndromes secondary to central nervous system infection. <i>Revista Brasileira De Psiquiatria</i> , 2012, 34, 221-222.	1.7	1
143	Cannabidiol reduces host immune response and prevents cognitive impairments in Wistar rats submitted to pneumococcal meningitis. <i>European Journal of Pharmacology</i> , 2012, 697, 158-164.	3.5	61
144	Erythropoietin reverts cognitive impairment and alters the oxidative parameters and energetic metabolism in sepsis animal model. <i>Journal of Neural Transmission</i> , 2012, 119, 1267-1274.	2.8	16

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145	Antioxidant treatment prevents cognitive impairment and oxidative damage in pneumococcal meningitis survivor rats. <i>Metabolic Brain Disease</i> , 2012, 27, 587-593.	2.9	14
146	Psychiatric syndromes secondary to central nervous system infection. <i>Revista Brasileira De Psiquiatria</i> , 2012, 34, 221-222.	1.7	0
147	The influence of particle size and AgNO <sub>3</sub> concentration in the ionic exchange process on the fungicidal action of antimicrobial glass. <i>Materials Science and Engineering C</i> , 2012, 32, 1518-1523.	7.3	25
148	Effects of experimental cerebral malaria in memory, brain-derived neurotrophic factor and acetylcholinesterase activity in the hippocampus of survivor mice. <i>Neuroscience Letters</i> , 2012, 523, 104-107.	2.1	22
149	Brain blood barrier breakdown and pro-inflammatory mediators in neonate rats submitted meningitis by <i>Streptococcus pneumoniae</i> . <i>Brain Research</i> , 2012, 1471, 162-168.	2.2	35
150	Pathophysiology of acute meningitis caused by <i>Streptococcus pneumoniae</i> and adjunctive therapy approaches. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 366-372.	0.8	39
151	Microbiological evaluation of bristles of frequently used toothbrushes. <i>Dental Press Journal of Orthodontics</i> , 2012, 17, 72-76.	0.9	11
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