

# Tatiana Barichello

## List of Publications by Year in descending order

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193  
papers

6,626  
citations

93792

39  
h-index

100535

70  
g-index

200  
all docs

200  
docs citations

200  
times ranked

8905  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of inflammation and microglial activation in the pathophysiology of psychiatric disorders. <i>Neuroscience</i> , 2015, 300, 141-154.	1.1	496
2	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.	1.5	476
3	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.	2.0	187
4	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.	4.0	176
5	Oxidative variables in the rat brain after sepsis induced by cecal ligation and perforation. <i>Critical Care Medicine</i> , 2006, 34, 886-889.	0.4	167
6	The NLRP3 Inflammasome and Its Role in Sepsis Development. <i>Inflammation</i> , 2020, 43, 24-31.	1.7	155
7	The impact of the microbiota-gut-brain axis on Alzheimer's disease pathophysiology. <i>Pharmacological Research</i> , 2021, 164, 105314.	3.1	144
8	Oxidative stress and mitochondrial dysfunction contributes to postoperative cognitive dysfunction in elderly rats. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 661-669.	2.0	142
9	Brain Barrier Breakdown as a Cause and Consequence of Neuroinflammation in Sepsis. <i>Molecular Neurobiology</i> , 2018, 55, 1045-1053.	1.9	140
10	Cognitive impairment in sepsis survivors from cecal ligation and perforation*. <i>Critical Care Medicine</i> , 2005, 33, 221-223.	0.4	137
11	A systematic review of evidence for the role of inflammatory biomarkers in bipolar patients. <i>Journal of Psychiatric Research</i> , 2017, 92, 160-182.	1.5	129
12	Biomarkers for sepsis: more than just fever and leukocytosis—a narrative review. <i>Critical Care</i> , 2022, 26, 14.	2.5	126
13	Antioxidant treatment prevented late memory impairment in an animal model of sepsis*. <i>Critical Care Medicine</i> , 2007, 35, 2186-2190.	0.4	103
14	Receptor for advanced glycation end products mediates sepsis-triggered amyloid- $\beta$ accumulation, Tau phosphorylation, and cognitive impairment. <i>Journal of Biological Chemistry</i> , 2018, 293, 226-244.	1.6	94
15	Time-dependent behavioral recovery after sepsis in rats. <i>Intensive Care Medicine</i> , 2008, 34, 1724-1731.	3.9	93
16	Cognitive Dysfunction Is Sustained after Rescue Therapy in Experimental Cerebral Malaria, and Is Reduced by Additive Antioxidant Therapy. <i>PLoS Pathogens</i> , 2010, 6, e1000963.	2.1	91
17	The role of the microbiota-gut-brain axis in neuropsychiatric disorders. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 293-305.	0.9	87
18	Sodium Butyrate Prevents Memory Impairment by Re-establishing BDNF and GDNF Expression in Experimental Pneumococcal Meningitis. <i>Molecular Neurobiology</i> , 2015, 52, 734-740.	1.9	82

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19	Postmortem evidence of brain inflammatory markers in bipolar disorder: a systematic review. <i>Molecular Psychiatry</i> , 2020, 25, 94-113.	4.1	75
20	Pathophysiology of neonatal acute bacterial meningitis. <i>Journal of Medical Microbiology</i> , 2013, 62, 1781-1789.	0.7	73
21	Protein synthesis, PKA, and MAP kinase are differentially involved in short- and long-term memory in rats. <i>Behavioural Brain Research</i> , 2004, 154, 339-343.	1.2	69
22	Long-Term Cognitive Outcomes After Sepsis: a Translational Systematic Review. <i>Molecular Neurobiology</i> , 2019, 56, 186-251.	1.9	69
23	The Septic Brain. <i>Neurochemical Research</i> , 2008, 33, 2171-2177.	1.6	65
24	Synthesis, characterization and antibacterial activity studies of poly-{styrene-acrylic acid} with silver nanoparticles. <i>Materials Science and Engineering C</i> , 2009, 29, 647-650.	3.8	64
25	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.	1.7	61
26	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.	1.9	61
27	Post-sepsis cognitive impairment and associated risk factors: A systematic review. <i>Australian Critical Care</i> , 2018, 31, 242-253.	0.6	59
28	TSPO upregulation in bipolar disorder and concomitant downregulation of mitophagic proteins and NLRP3 inflammasome activation. <i>Neuropsychopharmacology</i> , 2019, 44, 1291-1299.	2.8	58
29	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.	1.9	57
30	TNF- $\alpha$ , IL-1 $\beta$ , IL-6, and cinc-1 levels in rat brain after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Journal of Neuroimmunology</i> , 2010, 221, 42-45.	1.1	56
31	Role of Microglial Activation in the Pathophysiology of Bacterial Meningitis. <i>Molecular Neurobiology</i> , 2016, 53, 1770-1781.	1.9	55
32	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.	1.5	54
33	Oxidative Stress, Cytokine/Chemokine and Disruption of Blood-Brain Barrier in Neonate Rats After Meningitis by <i>Streptococcus agalactiae</i> . <i>Neurochemical Research</i> , 2011, 36, 1922-1930.	1.6	50
34	Dimethyl Fumarate Modulates Oxidative Stress and Inflammation in Organs After Sepsis in Rats. <i>Inflammation</i> , 2018, 41, 315-327.	1.7	50
35	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.	1.5	50
36	Caspase-3 Mediates In Part Hippocampal Apoptosis in Sepsis. <i>Molecular Neurobiology</i> , 2013, 47, 394-398.	1.9	48

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37	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.	1.1	47
38	Cognitive Impairment in the Septic Brain. <i>Current Neurovascular Research</i> , 2009, 6, 194-203.	0.4	44
39	Tumor necrosis factor alpha (TNF- $\alpha$ ) levels in the brain and cerebrospinal fluid after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Neuroscience Letters</i> , 2009, 467, 217-219.	1.0	44
40	Alpha-lipoic acid attenuates acute neuroinflammation and long-term cognitive impairment after polymicrobial sepsis. <i>Neurochemistry International</i> , 2017, 108, 436-447.	1.9	41
41	Effects of Gabapentin on Anxiety Induced by Simulated Public Speaking. <i>Journal of Psychopharmacology</i> , 2003, 17, 184-188.	2.0	40
42	Mechanisms of long-term cognitive dysfunction of sepsis: from blood-borne leukocytes to glial cells. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 30.	0.9	40
43	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.	2.5	40
44	Infection-Induced Systemic Inflammation Is a Potential Driver of Alzheimer's Disease Progression. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 122.	1.7	40
45	Pathophysiology of acute meningitis caused by <i>Streptococcus pneumoniae</i> and adjunctive therapy approaches. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 366-372.	0.3	39
46	Structure-Related Oxidative Damage in Rat Brain After Acute and Chronic Electroschock. <i>Neurochemical Research</i> , 2004, 29, 1749-1753.	1.6	38
47	Long-Term Cognitive Impairment in Sepsis Survivors. <i>Critical Care Medicine</i> , 2005, 33, 1671.	0.4	38
48	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.	0.9	38
49	Dimethyl Fumarate Limits Neuroinflammation and Oxidative Stress and Improves Cognitive Impairment After Polymicrobial Sepsis. <i>Neurotoxicity Research</i> , 2018, 34, 418-430.	1.3	37
50	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.	1.9	36
51	Clozapine Prevents Poly (I:C) Induced Inflammation by Modulating NLRP3 Pathway in Microglial Cells. <i>Cells</i> , 2020, 9, 577.	1.8	36
52	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.	1.1	35
53	Role of Oxidative Stress in the Pathophysiology of Pneumococcal Meningitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-7.	1.9	35
54	Microglial Cells Depletion Increases Inflammation and Modifies Microglial Phenotypes in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2019, 56, 7296-7304.	1.9	35

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55	Does Infection-Induced Immune Activation Contribute to Dementia?. , 2015, 6, 342.		34
56	No evidence for oxidative damage in the hippocampus after acute and chronic electroshock in rats. Brain Research, 2004, 1014, 177-183.	1.1	33
57	A kinetic study of the cytokine/chemokines levels and disruption of blood-brain barrier in infant rats after pneumococcal meningitis. Journal of Neuroimmunology, 2011, 233, 12-17.	1.1	33
58	Inhibition of matrix metalloproteinases-2 and -9 prevents cognitive impairment induced by pneumococcal meningitis in Wistar rats. Experimental Biology and Medicine, 2014, 239, 225-231.	1.1	33
59	Medial Forebrain Bundle Deep Brain Stimulation Reverses Anhedonic-Like Behavior in a Chronic Model of Depression: Importance of BDNF and Inflammatory Cytokines. Molecular Neurobiology, 2019, 56, 4364-4380.	1.9	33
60	Correlation between behavioral deficits and decreased brain-derived neurotrophic factor in neonatal meningitis. Journal of Neuroimmunology, 2010, 223, 73-76.	1.1	32
61	Mitochondrial dysfunction is associated with long-term cognitive impairment in an animal sepsis model. Clinical Science, 2019, 133, 1993-2004.	1.8	32
62	The blood-brain barrier dysfunction in sepsis. Tissue Barriers, 2021, 9, 1840912.	1.6	32
63	Antibiotic therapy prevents, in part, the oxidative stress in the rat brain after meningitis induced by Streptococcus pneumoniae. Neuroscience Letters, 2010, 478, 93-96.	1.0	29
64	Exposure to Perinatal Infections and Bipolar Disorder: A Systematic Review. Current Molecular Medicine, 2016, 16, 106-118.	0.6	29
65	Acute experimental changes in mood state regulate immune function in relation to central opioid neurotransmission: a model of human CNS-peripheral inflammatory interaction. Molecular Psychiatry, 2016, 21, 243-251.	4.1	29
66	Maternal deprivation increases microglial activation and neuroinflammatory markers in the prefrontal cortex and hippocampus of infant rats. Journal of Psychiatric Research, 2019, 115, 13-20.	1.5	29
67	A crosstalk between gut and brain in sepsis-induced cognitive decline. Journal of Neuroinflammation, 2022, 19, .	3.1	29
68	Depressive-Like Parameters in Sepsis Survivor Rats. Neurotoxicity Research, 2010, 17, 279-286.	1.3	28
69	Effects of sodium butyrate on aversive memory in rats submitted to sepsis. Neuroscience Letters, 2015, 595, 134-138.	1.0	28
70	Microglial Activation and Psychotic Disorders: Evidence from Pre-clinical and Clinical Studies. Current Topics in Behavioral Neurosciences, 2019, 44, 161-205.	0.8	28
71	Serum S100B in manic bipolar disorder patients: Systematic review and meta-analysis. Journal of Affective Disorders, 2016, 206, 210-215.	2.0	27
72	Inhibition of indoleamine 2,3-dioxygenase prevented cognitive impairment in adult Wistar rats subjected to pneumococcal meningitis. Translational Research, 2013, 162, 390-397.	2.2	26

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73	Zika Virus as an Emerging Neuropathogen: Mechanisms of Neurovirulence and Neuro-Immune Interactions. <i>Molecular Neurobiology</i> , 2018, 55, 4160-4184.	1.9	26
74	RIVASTIGMINE REVERSES HABITUATION MEMORY IMPAIRMENT OBSERVED IN SEPSIS SURVIVOR RATS. <i>Shock</i> , 2009, 32, 270-271.	1.0	25
75	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.	3.8	25
76	Neuroimmunomodulation in Depression: A Review of Inflammatory Cytokines Involved in this Process. <i>Neurochemical Research</i> , 2014, 39, 1634-1639.	1.6	25
77	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.	2.4	24
78	Biomarkers of Delirium in a Low-Risk Community-Acquired Pneumonia-Induced Sepsis. <i>Molecular Neurobiology</i> , 2017, 54, 722-726.	1.9	24
79	Time-dependent behavioral recovery after pneumococcal meningitis in rats. <i>Journal of Neural Transmission</i> , 2010, 117, 819-826.	1.4	23
80	The translocator protein (18 kDa) and its role in neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 183-199.	2.9	23
81	Fish oil-rich lipid emulsion modulates neuroinflammation and prevents long-term cognitive dysfunction after sepsis. <i>Nutrition</i> , 2020, 70, 110417.	1.1	23
82	Requirement of brain interleukin33 for aquaporin4 expression in astrocytes and glymphatic drainage of abnormal tau. <i>Molecular Psychiatry</i> , 2021, 26, 5912-5924.	4.1	23
83	Mitophagy in depression: Pathophysiology and treatment targets. <i>Mitochondrion</i> , 2021, 61, 1-10.	1.6	23
84	Depressive-like-behavior and proinflammatory interleukine levels in the brain of rats submitted to pneumococcal meningitis. <i>Brain Research Bulletin</i> , 2010, 82, 243-246.	1.4	22
85	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.	1.0	22
86	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. <i>Translational Research</i> , 2014, 163, 503-513.	2.2	21
87	Targets for adjunctive therapy in pneumococcal meningitis. <i>Journal of Neuroimmunology</i> , 2015, 278, 262-270.	1.1	21
88	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.	1.1	21
89	Stanniocalcin-1 ameliorates cerebral ischemia by decrease oxidative stress and blood brain barrier permeability. <i>Microvascular Research</i> , 2020, 128, 103956.	1.1	21
90	Neuroinflammation trajectories precede cognitive impairment after experimental meningitis—evidence from an in vivo PET study. <i>Journal of Neuroinflammation</i> , 2020, 17, 5.	3.1	21

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91	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.	2.5	21
92	Attenuation of cognitive impairment by the nonbacteriolytic antibiotic daptomycin in Wistar rats submitted to pneumococcal meningitis. <i>BMC Neuroscience</i> , 2013, 14, 42.	0.8	20
93	Neonatal <i>Escherichia coli</i> K1 meningitis causes learning and memory impairments in adulthood. <i>Journal of Neuroimmunology</i> , 2014, 272, 35-41.	1.1	20
94	The effects of anaesthetics and sedatives on brain inflammation. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 504-513.	2.9	20
95	Long Lasting Effects of Electroconvulsive Seizures on Brain Oxidative Parameters. <i>Neurochemical Research</i> , 2006, 31, 665-670.	1.6	19
96	Evaluation of mitochondrial respiratory chain in the brain of rats after pneumococcal meningitis. <i>Brain Research Bulletin</i> , 2010, 82, 302-307.	1.4	19
97	Stanniocalcin 1 Inhibits the Inflammatory Response in Microglia and Protects Against Sepsis-Associated Encephalopathy. <i>Neurotoxicity Research</i> , 2021, 39, 119-132.	1.3	19
98	Oxidative stress in the choroid plexus contributes to blood-cerebrospinal fluid barrier disruption during sepsis development. <i>Microvascular Research</i> , 2019, 123, 19-24.	1.1	18
99	NLRP3 Activation Contributes to Acute Brain Damage Leading to Memory Impairment in Sepsis-Surviving Rats. <i>Molecular Neurobiology</i> , 2020, 57, 5247-5262.	1.9	18
100	Memory-enhancing treatments reverse the impairment of inhibitory avoidance retention in sepsis-surviving rats. <i>Critical Care</i> , 2008, 12, R133.	2.5	17
101	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.	1.4	17
102	Effects of Maintenance Electroshock on the Oxidative Damage Parameters in the Rat Brain. <i>Neurochemical Research</i> , 2007, 32, 389-394.	1.6	16
103	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.	1.4	16
104	Obesity Exacerbates Sepsis-Induced Oxidative Damage in Organs. <i>Inflammation</i> , 2016, 39, 2062-2071.	1.7	16
105	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.	1.4	16
106	Receptor for Advanced Glycation End Products (RAGE) Mediates Cognitive Impairment Triggered by Pneumococcal Meningitis. <i>Neurotherapeutics</i> , 2021, 18, 640-653.	2.1	16
107	Obesity Promotes Oxidative Stress and Exacerbates Sepsis-induced Brain Damage. <i>Current Neurovascular Research</i> , 2015, 12, 147-154.	0.4	16
108	Vitamin B6 prevents cognitive impairment in experimental pneumococcal meningitis. <i>Experimental Biology and Medicine</i> , 2014, 239, 1360-1365.	1.1	15



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109	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.	1.9	15
110	Antioxidant treatment prevents cognitive impairment and oxidative damage in pneumococcal meningitis survivor rats. <i>Metabolic Brain Disease</i> , 2012, 27, 587-593.	1.4	14
111	Folic acid prevented cognitive impairment in experimental pneumococcal meningitis. <i>Journal of Neural Transmission</i> , 2015, 122, 643-651.	1.4	14
112	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.	1.6	14
113	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.	1.4	14
114	Phosphodiesterase-5 inhibitors: Shedding new light on the darkness of depression?. <i>Journal of Affective Disorders</i> , 2020, 264, 138-149.	2.0	14
115	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.	1.8	14
116	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.	0.4	14
117	Methylphenidate alters NCS-1 expression in rat brain. <i>Neurochemistry International</i> , 2008, 53, 12-16.	1.9	13
118	Peripheral nucleotide hydrolysis in rats submitted to a model of electroconvulsive therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1829-1833.	2.5	13
119	Effects of Organoselenium Compounds on Early and Late Brain Biochemical Alterations in Sepsis-Survivor Rats. <i>Neurotoxicity Research</i> , 2014, 26, 382-391.	1.3	13
120	Ebselen Attenuates Lung Injury in Experimental Model of Carrageenan-Induced Pleurisy in Rats. <i>Inflammation</i> , 2015, 38, 1394-1400.	1.7	13
121	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.	1.5	13
122	Interleukin-1 $\beta$ ; Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. <i>Current Neurovascular Research</i> , 2015, 12, 253-261.	0.4	13
123	Biological Activity of Gold Nanoparticles towards Filamentous Pathogenic Fungi. <i>Journal of Nano Research</i> , 0, 20, 11-20.	0.8	12
124	Imipramine reverses depressive-like parameters in pneumococcal meningitis survivor rats. <i>Journal of Neural Transmission</i> , 2012, 119, 653-660.	1.4	12
125	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 322-329.	0.9	12
126	Temporal changes of oxidative stress markers in Escherichia coli K1-induced experimental meningitis in a neonatal rat model. <i>Neuroscience Letters</i> , 2017, 653, 288-295.	1.0	12



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127	Sickness Behavior Score Is Associated with Neuroinflammation and Late Behavioral Changes in Polymicrobial Sepsis Animal Model. <i>Inflammation</i> , 2020, 43, 1019-1034.	1.7	12
128	Postmortem Evidence of Brain Inflammatory Markers and Injury in Septic Patients: A Systematic Review. <i>Critical Care Medicine</i> , 2022, 50, e241-e252.	0.4	12
129	Brain creatine kinase activity after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Brain Research Bulletin</i> , 2009, 80, 85-88.	1.4	11
130	Microbiological evaluation of bristles of frequently used toothbrushes. <i>Dental Press Journal of Orthodontics</i> , 2012, 17, 72-76.	0.2	11
131	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.	1.5	11
132	Aging influences in the blood-brain barrier permeability and cerebral oxidative stress in sepsis. <i>Experimental Gerontology</i> , 2020, 140, 111063.	1.2	11
133	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.	1.4	11
134	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.	1.1	11
135	Gold nanoparticles potentiates N-acetylcysteine effects on neurochemicals alterations in rats after polymicrobial sepsis. <i>Journal of Drug Targeting</i> , 2020, 28, 428-436.	2.1	10
136	Biomarkers in Alzheimer disease: are we there yet?. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 337-339.	0.9	10
137	An Overview of the Blood-Brain Barrier. <i>Neuromethods</i> , 2019, , 1-8.	0.2	9
138	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.	1.9	9
139	NLRP3 inflammasome activation increases brain oxidative stress after transient global cerebral ischemia in rats. <i>International Journal of Neuroscience</i> , 2023, 133, 375-388.	0.8	9
140	Early antibiotic administration prevents cognitive impairment induced by meningitis in rats. <i>Neuroscience Letters</i> , 2009, 465, 71-73.	1.0	8
141	Dexamethasone Treatment Reverses Cognitive Impairment but Increases Brain Oxidative Stress in Rats Submitted to Pneumococcal Meningitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2011, 2011, 1-7.	1.9	8
142	Inflammation as a Mechanism of Bipolar Disorder Neuroprogression. <i>Current Topics in Behavioral Neurosciences</i> , 2020, 48, 215-237.	0.8	8
143	Early life neuroimmune challenge protects the brain after sepsis in adult rats. <i>Neurochemistry International</i> , 2020, 135, 104712.	1.9	8
144	A cerebrospinal fluid biosignature for the diagnosis of Alzheimer's disease. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 467-468.	0.9	8

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145	Klebsiella pneumoniae 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.	0.7	7
146	Blood-brain barrier dysfunction in bipolar disorder: Molecular mechanisms and clinical implications. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2022, 21, 100441.	1.3	7
147	Diabetes Exacerbates Sepsis-Induced Neuroinflammation and Brain Mitochondrial Dysfunction. <i>Inflammation</i> , 2022, 45, 2352-2367.	1.7	7
148	Increased on oxidative brain injury in the diabetic rats following sepsis. <i>Synapse</i> , 2014, 68, 410-418.	0.6	6
149	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.	4.1	6
150	Effect of sepsis on behavioral changes on the ketamine-induced animal model of schizophrenia. <i>Journal of Neuroimmunology</i> , 2015, 281, 78-82.	1.1	5
151	Elimination of Salmonella enterica serovar Typhimurium in artificially contaminated eggs through correct cooking and frying procedures. <i>Food Science and Technology</i> , 2011, 31, 492-496.	0.8	5
152	Oxidative damage in the rat hippocampus and cortex after meningitis induced by Streptococcus pneumoniae. <i>BMC Proceedings</i> , 2008, 2, .	1.8	4
153	Effects of acute treatment with amphetamine in locomotor activity in sepsis survivor rats. <i>Journal of Neuroimmunology</i> , 2009, 212, 145-147.	1.1	4
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