Jaqueline S Generoso

List of Publications by Year
in descending order

61 papers	1,718 citations	304368 22 h-index	329751 37 g-index
62 all docs	62 docs citations	62 times ranked	1946 citing authors

#	Article	IF	Citations
1	The impact of the microbiota-gut-brain axis on Alzheimerâ€™s disease pathophysiology. Pharmacological Research, 2021, 164, 105314.	3.1	144
2	Biomarkers for sepsis: more than just fever and leukocytosisâ€”a narrative review. Critical Care, 2022, 26, 14.	2.5	126
3	The role of the microbiota-gut-brain axis in neuropsychiatric disorders. Revista Brasileira De Psiquiatria, 2021, 43, 293-305.	0.9	87
4	Sodium Butyrate Prevents Memory Impairment by Re-establishing BDNF and GDNF Expression in Experimental Pneumococcal Meningitis. Molecular Neurobiology, 2015, 52, 734-740.	1.9	82
5	Pathophysiology of neonatal acute bacterial meningitis. Journal of Medical Microbiology, 2013, 62, 1781-1789.	0.7	73
6	Cannabidiol reduces host immune response and prevents cognitive impairments in Wistar rats submitted to pneumococcal meningitis. European Journal of Pharmacology, 2012, 697, 158-164.	1.7	61
7	Role of Microglial Activation in the Pathophysiology of Bacterial Meningitis. Molecular Neurobiology, 2016, 53, 1770-1781.	1.9	55
8	Maternal immune activation induced by lipopolysaccharide triggers immune response in pregnant mother and fetus, and induces behavioral impairment in adult rats. Journal of Psychiatric Research, 2018, 100, 71-83.	1.5	54
9	Oxidative Stress, Cytokine/Chemokine and Disruption of Bloodâ€“Brain Barrier in Neonate Rats After Meningitis by Streptococcus agalactiae. Neurochemical Research, 2011, 36, 1922-1930.	1.6	50
10	Ketamine potentiates oxidative stress and influences behavior and inflammation in response to lipolysaccharide (LPS) exposure in early life. Neuroscience, 2017, 353, 17-25.	1.1	47
11	Pathophysiology of acute meningitis caused by Streptococcus pneumoniae and adjunctive therapy approaches. Arquivos De Neuro-Psiquiatria, 2012, 70, 366-372.	0.3	39
12	Pathophysiology of Bacterial Infection of the Central Nervous System and its Putative Role in the Pathogenesis of Behavioral Changes. Revista Brasileira De Psiquiatria, 2013, 35, 81-87.	0.9	38
13	Brainâ€“blood barrier breakdown and pro-inflammatory mediators in neonate rats submitted meningitis by Streptococcus pneumoniae. Brain Research, 2012, 1471, 162-168.	1.1	35
14	Role of Oxidative Stress in the Pathophysiology of Pneumococcal Meningitis. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	1.9	35
15	Does Infection-Induced Immune Activation Contribute to Dementia?. , 2015, 6, 342.		34
16	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
17	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
18	Correlation between behavioral deficits and decreased brain-derived neurotrofic factor in neonatal meningitis. Journal of Neuroimmunology, 2010, 223, 73-76.	1.1	32

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19	The blood-brain barrier dysfunction in sepsis. Tissue Barriers, 2021, 9, 1840912.	1.6	32
20	Neurobiology of COVID-19: how can the virus affect the brain?. Revista Brasileira De Psiquiatria, 2021, 43, 650-664.	0.9	31
21	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
22	Exposure to Perinatal Infections and Bipolar Disorder: A Systematic Review. Current Molecular Medicine, 2016, 16, 106-118.	0.6	29
23	A crosstalk between gut and brain in sepsis-induced cognitive decline. Journal of Neuroinflammation, 2022, 19, .	3.1	29
24	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
25	Circulating concentrations, cerebral output of the CINC-1 and bloodâ€“brain barrier disruption in Wistar rats after pneumococcal meningitis induction. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 2005-2009.	1.3	24
26	Biomarkers of Delirium in a Low-Risk Community-Acquired Pneumonia-Induced Sepsis. Molecular Neurobiology, 2017, 54, 722-726.	1.9	24
27	Time-dependent behavioral recovery after pneumococcal meningitis in rats. Journal of Neural Transmission, 2010, 117, 819-826.	1.4	23
28	Depressive-like-behavior and proinflamatory interleukine levels in the brain of rats submitted to pneumococcal meningitis. Brain Research Bulletin, 2010, 82, 243-246.	1.4	22
29	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. Translational Research, 2014, 163, 503-513.	2.2	21
30	Targets for adjunctive therapy in pneumococcal meningitis. Journal of Neuroimmunology, 2015, 278, 262-270.	1.1	21
31	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. Journal of Neuroimmunology, 2017, 305, 167-171.	1.1	21
32	Neuroinflammation trajectories precede cognitive impairment after experimental meningitisâ€”evidence from an in vivo PET study. Journal of Neuroinflammation, 2020, 17, 5.	3.1	21
33	Attenuation of cognitive impairment by the nonbacteriolytic antibiotic daptomycin in Wistar rats submitted to pneumococcal meningitis. BMC Neuroscience, 2013, 14, 42.	0.8	20
34	Neonatal Escherichia coli K1 meningitis causes learning and memory impairments in adulthood. Journal of Neuroimmunology, 2014, 272, 35-41.	1.1	20
35	Evaluation of mitochondrial respiratory chain in the brain of rats after pneumococcal meningitis. Brain Research Bulletin, 2010, 82, 302-307.	1.4	19
36	NLRP3 Activation Contributes to Acute Brain Damage Leading to Memory Impairment in Sepsis-Surviving Rats. Molecular Neurobiology, 2020, 57, 5247-5262.	1.9	18

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37	Evaluation of the brain-derived neurotrophic factor, nerve growth factor and memory in adult rats survivors of the neonatal meningitis by Streptococcus agalactiae. Brain Research Bulletin, 2013, 92, 56-59.	1.4	17
38	Prevention of Memory Impairment and Neurotrophic Factors Increased by Lithium in Wistar Rats Submitted to Pneumococcal Meningitis Model. Mediators of Inflammation, 2017, 2017, 1-8.	1.4	16
39	Receptor for Advanced Glycation End Products (RAGE) Mediates Cognitive Impairment Triggered by Pneumococcal Meningitis. Neurotherapeutics, 2021, 18, 640-653.	2.1	16
40	Vitamin B6 prevents cognitive impairment in experimental pneumococcal meningitis. Experimental Biology and Medicine, 2014, 239, 1360-1365.	1.1	15
41	Antioxidant treatment prevents cognitive impairment and oxidative damage in pneumococcal meningitis survivor rats. Metabolic Brain Disease, 2012, 27, 587-593.	1.4	14
42	Folic acid prevented cognitive impairment in experimental pneumococcal meningitis. Journal of Neural Transmission, 2015, 122, 643-651.	1.4	14
43	Depression-Like Adult Behaviors may be a Long-Term Result of Experimental Pneumococcal Meningitis in Wistar Rats Infants. Neurochemical Research, 2016, 41, 2771-2778.	1.6	14
44	Imipramine treatment reverses depressive- and anxiety-like behaviors, normalize adrenocorticotropic hormone, and reduces interleukin-1Î² in the brain of rats subjected to experimental periapical lesion. Pharmacological Reports, 2019, 71, 24-31.	1.5	13
45	Interleukin-1β Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. Current Neurovascular Research, 2015, 12, 253-261.	0.4	13
46	Imipramine reverses depressive-like parameters in pneumococcal meningitis survivor rats. Journal of Neural Transmission, 2012, 119, 653-660.	1.4	12
47	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. Revista Brasileira De Psiquiatria, 2014, 36, 322-329.	0.9	12
48	Temporal changes of oxidative stress markers in Escherichia coli K1-induced experimental meningitis in a neonatal rat model. Neuroscience Letters, 2017, 653, 288-295.	1.0	12
49	Microbiological evaluation of bristles of frequently used toothbrushes. Dental Press Journal of Orthodontics, 2012, 17, 72-76.	0.2	11
50	Folic acid alleviates the blood brain barrier permeability and oxidative stress and prevents cognitive decline in sepsis-surviving rats. Microvascular Research, 2021, 137, 104193.	1.1	11
51	Biomarkers in Alzheimer disease: are we there yet?. Revista Brasileira De Psiquiatria, 2020, 42, 337-339.	0.9	10
52	Dexamethasone Treatment Reverses Cognitive Impairment but Increases Brain Oxidative Stress in Rats Submitted to Pneumococcal Meningitis. Oxidative Medicine and Cellular Longevity, 2011, 2011, 1-7.	1.9	8
53	Klebsiella pneumoniae meningitis induces memory impairment and increases pro-inflammatory host response in the central nervous system of Wistar rats. Journal of Medical Microbiology, 2014, 63, 111-117.	0.7	7
54	The Protective Effect of PK-11195 on Cognitive Impairment in Rats Survived of Polymicrobial Sepsis. Molecular Neurobiology, 2021, 58, 2724-2733.	1.9	4

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55	Protection of Blood Brain Barrier Integrity and Modulation of Inflammatory Mediators During Treatment of Pneumococcal Meningitis with Daptomycin or Ceftriaxone. Current Neurovascular Research, 2014, 11, 210-222.	0.4	4
56	The impact of early life stress and immune challenge on behavior and glia cells alteration in late adolescent rats. International Journal of Developmental Neuroscience, 2021, 81, 407-415.	0.7	3
57	Congenital Muscular Dystrophy 1D Causes Matrix Metalloproteinase Activation And Blood-Brain Barrier Impairment. Current Neurovascular Research, 2017, 14, 60-64.	0.4	3
58	Evaluation of energetic metabolism in the rat brain after meningitis induction byKlebsiella pneumoniae. Acta Neuropsychiatrica, 2013, 25, 95-100.	1.0	1
59	Increased Na⁺,K⁺-ATPase activity in the rat brain after meningitis induction byStreptococcus pneumoniae. Acta Neuropsychiatrica, 2012, 24, 301-305.	1.0	0
60	Acetylcholinesterase activity in the rat brain after pneumococcal meningitis. Microbiology and Immunology, 2012, 56, 191-194.	0.7	0
61	Association between Experimental Bacterial Meningitis and Periapical Lesion. Journal of Clinical and Diagnostic Research JCDR, 2015, 9, DF01-3.	0.8	0