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	Biomarkers for sepsis: more than just fever and leukocytosisâ€"a narrative review. Critical Care, 2022, 26, 14.	2.5	126
2	A crosstalk between gut and brain in sepsis-induced cognitive decline. Journal of Neuroinflammation, 2022, 19, .	3.1	29
3	The impact of the microbiota-gut-brain axis on Alzheimerâ€™s disease pathophysiology. Pharmacological Research, 2021, 164, 105314.	3.1	144
4	The blood-brain barrier dysfunction in sepsis. Tissue Barriers, 2021, 9, 1840912.	1.6	32
5	Receptor for Advanced Glycation End Products (RAGE) Mediates Cognitive Impairment Triggered by Pneumococcal Meningitis. Neurotherapeutics, 2021, 18, 640-653.	2.1	16
6	Neurobiology of COVID-19: how can the virus affect the brain?. Revista Brasileira De Psiquiatria, 2021, 43, 650-664.	0.9	31
7	The role of the microbiota-gut-brain axis in neuropsychiatric disorders. Revista Brasileira De Psiquiatria, 2021, 43, 293-305.	0.9	87
8	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
9	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
10	The Protective Effect of PK-11195 on Cognitive Impairment in Rats Survived of Polymicrobial Sepsis. Molecular Neurobiology, 2021, 58, 2724-2733.	1.9	4
11	Neuroinflammation trajectories precede cognitive impairment after experimental meningitisâ€"evidence from an in vivo PET study. Journal of Neuroinflammation, 2020, 17, 5.	3.1	21
12	NLRP3 Activation Contributes to Acute Brain Damage Leading to Memory Impairment in Sepsis-Surviving Rats. Molecular Neurobiology, 2020, 57, 5247-5262.	1.9	18
13	Biomarkers in Alzheimer disease: are we there yet?. Revista Brasileira De Psiquiatria, 2020, 42, 337-339.	0.9	10
14	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
15	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
16	Biomarkers of Delirium in a Low-Risk Community-Acquired Pneumonia-Induced Sepsis. Molecular Neurobiology, 2017, 54, 722-726.	1.9	24
17	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
18	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

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19	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
20	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
21	Congenital Muscular Dystrophy 1D Causes Matrix Metalloproteinase Activation And Blood-Brain Barrier Impairment. Current Neurovascular Research, 2017, 14, 60-64.	0.4	3
22	Exposure to Perinatal Infections and Bipolar Disorder: A Systematic Review. Current Molecular Medicine, 2016, 16, 106-118.	0.6	29
23	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
24	Role of Microglial Activation in the Pathophysiology of Bacterial Meningitis. Molecular Neurobiology, 2016, 53, 1770-1781.	1.9	55
25	Does Infection-Induced Immune Activation Contribute to Dementia?. , 2015, 6, 342.		34
26	Targets for adjunctive therapy in pneumococcal meningitis. Journal of Neuroimmunology, 2015, 278, 262-270.	1.1	21
27	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
28	Folic acid prevented cognitive impairment in experimental pneumococcal meningitis. Journal of Neural Transmission, 2015, 122, 643-651.	1.4	14
29	Interleukin-1β Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. Current Neurovascular Research, 2015, 12, 253-261.	0.4	13
30	Association between Experimental Bacterial Meningitis and Periapical Lesion. Journal of Clinical and Diagnostic Research JCDR, 2015, 9, DF01-3.	0.8	0
31	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. Revista Brasileira De Psiquiatria, 2014, 36, 322-329.	0.9	12
32	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. Translational Research, 2014, 163, 503-513.	2.2	21
33	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
34	Vitamin B6 prevents cognitive impairment in experimental pneumococcal meningitis. Experimental Biology and Medicine, 2014, 239, 1360-1365.	1.1	15
35	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
36	Neonatal Escherichia coli K1 meningitis causes learning and memory impairments in adulthood. Journal of Neuroimmunology, 2014, 272, 35-41.	1.1	20

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37	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
38	Evaluation of energetic metabolism in the rat brain after meningitis induction byKlebsiella pneumoniae. Acta Neuropsychiatrica, 2013, 25, 95-100.	1.0	1
39	Attenuation of cognitive impairment by the nonbacteriolytic antibiotic daptomycin in Wistar rats submitted to pneumococcal meningitis. BMC Neuroscience, 2013, 14, 42.	0.8	20
40	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
41	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
42	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
43	Pathophysiology of neonatal acute bacterial meningitis. Journal of Medical Microbiology, 2013, 62, 1781-1789.	0.7	73
44	Role of Oxidative Stress in the Pathophysiology of Pneumococcal Meningitis. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	1.9	35
45	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
46	Antioxidant treatment prevents cognitive impairment and oxidative damage in pneumococcal meningitis survivor rats. Metabolic Brain Disease, 2012, 27, 587-593.	1.4	14
47	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
48	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
49	Pathophysiology of acute meningitis caused by Streptococcus pneumoniae and adjunctive therapy approaches. Arquivos De Neuro-Psiquiatria, 2012, 70, 366-372.	0.3	39
50	Microbiological evaluation of bristles of frequently used toothbrushes. Dental Press Journal of Orthodontics, 2012, 17, 72-76.	0.2	11
51	Imipramine reverses depressive-like parameters in pneumococcal meningitis survivor rats. Journal of Neural Transmission, 2012, 119, 653-660.	1.4	12
52	Increased Na⁺,K⁺-ATPase activity in the rat brain after meningitis induction byStreptococcus pneumoniae. Acta Neuropsychiatrica, 2012, 24, 301-305.	1.0	0
53	Acetylcholinesterase activity in the rat brain after pneumococcal meningitis. Microbiology and Immunology, 2012, 56, 191-194.	0.7	0
54	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

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55	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
56	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
57	Time-dependent behavioral recovery after pneumococcal meningitis in rats. Journal of Neural Transmission, 2010, 117, 819-826.	1.4	23
58	Correlation between behavioral deficits and decreased brain-derived neurotrofic factor in neonatal meningitis. Journal of Neuroimmunology, 2010, 223, 73-76.	1.1	32
59	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
60	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
61	Evaluation of mitochondrial respiratory chain in the brain of rats after pneumococcal meningitis. Brain Research Bulletin, 2010, 82, 302-307.	1.4	19