Clarissa M Comim

List of Publications by Year
in descending order

98	3,730	147801 31	144013 57
papers	citations	h-index	g-index

99	99	99	4502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute administration of ketamine induces antidepressant-like effects in the forced swimming test and increases BDNF levels in the rat hippocampus. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 140-144.	4.8	377
2	Effects of chronic mild stress on the oxidative parameters in the rat brain. Neurochemistry International, 2009, 54, 358-362.	3.8	217
3	Ketamine treatment reverses behavioral and physiological alterations induced by chronic mild stress in rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 450-455.	4.8	214
4	Inhibition of mitochondrial respiratory chain in brain of rats subjected to an experimental model of depression. Neurochemistry International, 2008, 53, 395-400.	3.8	172
5	Increased oxidative stress in submitochondrial particles into the brain of rats submitted to the chronic mild stress paradigm. Journal of Psychiatric Research, 2009, 43, 864-869.	3.1	120
6	Chronic Administration of Ketamine Elicits Antidepressantâ€Like Effects in Rats without Affecting Hippocampal Brainâ€Derived Neurotrophic Factor Protein Levels. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 502-506.	2.5	101
7	Time-dependent behavioral recovery after sepsis in rats. Intensive Care Medicine, 2008, 34, 1724-1731.	8.2	93
8	Cognitive Dysfunction Is Sustained after Rescue Therapy in Experimental Cerebral Malaria, and Is Reduced by Additive Antioxidant Therapy. PLoS Pathogens, 2010, 6, e1000963.	4.7	91
9	Matrix Metalloproteinase-2 and Metalloproteinase-9 Activities are Associated with Bloodâ€“Brain Barrier Dysfunction in an Animal Model of Severe Sepsis. Molecular Neurobiology, 2013, 48, 62-70.	4.0	91
10	Il1-Î² Involvement in Cognitive Impairment after Sepsis. Molecular Neurobiology, 2014, 49, 1069-1076.	4.0	87
11	Inflammation biomarkers and delirium in critically ill patients. Critical Care, 2014, 18, R106.	5.8	79
12	Traffic of leukocytes and cytokine up-regulation in the central nervous system in sepsis. Intensive Care Medicine, 2011, 37, 711-718.	8.2	78
13	Mitochondrial respiratory chain and creatine kinase activities in rat brain after sepsis induced by cecal ligation and perforation. Mitochondrion, 2008, 8, 313-318.	3.4	74
14	Treatment with cannabidiol reverses oxidative stress parameters, cognitive impairment and mortality in rats submitted to sepsis by cecal ligation and puncture. Brain Research, 2010, 1348, 128-138.	2.2	72
15	Acute Brain Inflammation and Oxidative Damage Are Related to Long-Term Cognitive Deficits and Markers of Neurodegeneration in Sepsis-Survivor Rats. Molecular Neurobiology, 2014, 49, 380-385.	4.0	72
16	The Septic Brain. Neurochemical Research, 2008, 33, 2171-2177.	3.3	65
17	Serum Heat Shock Protein 70 Levels, Oxidant Status, and Mortality in Sepsis. Shock, 2011, 35, 466-470.	2.1	65
18	DNA damage in rats after treatment with methylphenidate. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1282-1288.	4.8	64

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19	Cannabidiol reduces host immune response and prevents cognitive impairments in Wistar rats submitted to pneumococcal meningitis. European Journal of Pharmacology, 2012, 697, 158-164.	3.5	61
20	Protective effects of guanosine against sepsis-induced damage in rat brain and cognitive impairment. Brain, Behavior, and Immunity, 2012, 26, 904-910.	4.1	61
21	TNF-Î±, IL-1Î², IL-6, and cinc-1 levels in rat brain after meningitis induced by Streptococcus pneumoniae. Journal of Neuroimmunology, 2010, 221, 42-45.	2.3	56
22	Acute administration of ketamine reverses the inhibition of mitochondrial respiratory chain induced by chronic mild stress. Brain Research Bulletin, 2009, 79, 418-421.	3.0	54
23	Alterations in Inflammatory Mediators, Oxidative Stress Parameters and Energetic Metabolism in the Brain of Sepsis Survivor Rats. Neurochemical Research, 2011, 36, 304-311.	3.3	53
24	Caspase-3 Mediates In Part Hippocampal Apoptosis in Sepsis. Molecular Neurobiology, 2013, 47, 394-398.	4.0	48
25	Chronic Mild Stress Paradigm Reduces Sweet Food Intake in Rats without Affecting Brain Derived Neurotrophic Factor Protein Levels. Current Neurovascular Research, 2008, 5, 207-213.	1.1	45
26	Cognitive Impairment in the Septic Brain. Current Neurovascular Research, 2009, 6, 194-203.	1.1	44
27	Tumor necrosis factor alpha (TNF-Î±) levels in the brain and cerebrospinal fluid after meningitis induced by Streptococcus pneumoniae. Neuroscience Letters, 2009, 467, 217-219.	2.1	44
28	DNA Damage after Acute and Chronic Treatment with Malathion in Rats. Journal of Agricultural and Food Chemistry, 2008, 56, 7560-7565.	5.2	36
29	Correlation of Acute Phase Inflammatory and Oxidative Markers With Long-term Cognitive Impairment in Sepsis Survivors Rats. Shock, 2013, 40, 45-48.	2.1	34
30	NCS-1 deficiency causes anxiety and depressive-like behavior with impaired non-aversive memory in mice. Physiology and Behavior, 2014, 130, 91-98.	2.1	33
31	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.	2.4	33
32	Correlation between behavioral deficits and decreased brain-derived neurotrofic factor in neonatal meningitis. Journal of Neuroimmunology, 2010, 223, 73-76.	2.3	32
33	Methylphenidate treatment causes oxidative stress and alters energetic metabolism in an animal model of attention-deficit hyperactivity disorder. Acta Neuropsychiatrica, 2014, 26, 96-103.	2.1	31
34	Antibiotic therapy prevents, in part, the oxidative stress in the rat brain after meningitis induced by Streptococcus pneumoniae. Neuroscience Letters, 2010, 478, 93-96.	2.1	29
35	NMDA preconditioning prevents object recognition memory impairment and increases brain viability in mice exposed to traumatic brain injury. Brain Research, 2012, 1466, 82-90.	2.2	29
36	Effect of acute administration of ketamine and imipramine on creatine kinase activity in the brain of rats. Revista Brasileira De Psiquiatria, 2009, 31, 247-252.	1.7	28

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37	Depressive-Like Parameters in Sepsis Survivor Rats. Neurotoxicity Research, 2010, 17, 279-286.	2.7	28
38	Effects of sodium butyrate on aversive memory in rats submitted to sepsis. Neuroscience Letters, 2015, 595, 134-138.	2.1	28
39	Experimental Neonatal Sepsis Causes Long-Term Cognitive Impairment. Molecular Neurobiology, 2016, 53, 5928-5934.	4.0	28
40	DARPP-32 and NCS-1 Expression is not Altered in Brains of Rats Treated with Typical or Atypical Antipsychotics. Neurochemical Research, 2008, 33, 533-538.	3.3	27
41	Chronic administration of branchedâ€chain amino acids impairs spatial memory and increases brainâ€derived neurotrophic factor in a rat model. Journal of Inherited Metabolic Disease, 2013, 36, 721-730.	3.6	27
42	Inhibition of indoleamine 2,3-dioxygenase prevented cognitive impairment in adult Wistar rats subjected to pneumococcal meningitis. Translational Research, 2013, 162, 390-397.	5.0	26
43	RIVASTIGMINE REVERSES HABITUATION MEMORY IMPAIRMENT OBSERVED IN SEPSIS SURVIVOR RATS. Shock, 2009, 32, 270-271.	2.1	25
44	Imipramine reverses the depressive symptoms in sepsis survivor rats. Intensive Care Medicine, 2007, 33, 2165-2167.	8.2	23
45	Time-dependent behavioral recovery after pneumococcal meningitis in rats. Journal of Neural Transmission, 2010, 117, 819-826.	2.8	23
46	Antioxidant administration prevents memory impairment in an animal model of maple syrup urine disease. Behavioural Brain Research, 2012, 231, 92-96.	2.2	23
47	Low dose dexamethasone reverses depressive-like parameters and memory impairment in rats submitted to sepsis. Neuroscience Letters, 2010, 473, 126-130.	2.1	22
48	Depressive-like-behavior and proinflamatory interleukine levels in the brain of rats submitted to pneumococcal meningitis. Brain Research Bulletin, 2010, 82, 243-246.	3.0	22
49	Effects of experimental cerebral malaria in memory, brain-derived neurotrophic factor and acetylcholinesterase acitivity in the hippocampus of survivor mice. Neuroscience Letters, 2012, 523, 104-107.	2.1	22
50	Late brain alterations in sepsisâ€survivor rats. Synapse, 2013, 67, 786-793.	1.2	22
51	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. Translational Research, 2014, 163, 503-513.	5.0	21
52	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.	2.3	21
53	Effect of Antipsychotics on Creatine Kinase Activity in Rat Brain. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 315-319.	2.5	20
54	Attenuation of cognitive impairment by the nonbacteriolytic antibiotic daptomycin in Wistar rats submitted to pneumococcal meningitis. BMC Neuroscience, 2013, 14, 42.	1.9	20

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55	Neonatal Escherichia coli K1 meningitis causes learning and memory impairments in adulthood. Journal of Neuroimmunology, 2014, 272, 35-41.	2.3	20
56	Effects of chronic treatment with gold nanoparticles on inflammatory responses and oxidative stress in Mdx mice. Journal of Drug Targeting, 2020, 28, 46-54.	4.4	20
57	Acute low dose of MK-801 prevents memory deficits without altering hippocampal DARPP-32 expression and BDNF levels in sepsis survivor rats. Journal of Neuroimmunology, 2011, 230, 48-51.	2.3	19
58	Memory-enhancing treatments reverse the impairment of inhibitory avoidance retention in sepsis-surviving rats. Critical Care, 2008, 12, R133.	5.8	17
59	Brain-derived neurotrophic factor plasma levels are associated with mortality in critically ill patients even in the absence of brain injury. Critical Care, 2012, 16, R234.	5.8	16
60	Erythropoietin reverts cognitive impairment and alters the oxidative parameters and energetic metabolism in sepsis animal model. Journal of Neural Transmission, 2012, 119, 1267-1274.	2.8	16
61	Diurnal differences in memory and learning in young and adult rats treated with methylphenidate. Journal of Neural Transmission, 2010, 117, 457-462.	2.8	15
62	Aversive memory in sepsis survivor rats. Journal of Neural Transmission, 2011, 118, 213-217.	2.8	15
63	Neurocognitive Impairment in mdx Mice. Molecular Neurobiology, 2019, 56, 7608-7616.	4.0	15
64	Antioxidant treatment prevents cognitive impairment and oxidative damage in pneumococcal meningitis survivor rats. Metabolic Brain Disease, 2012, 27, 587-593.	2.9	14
65	Behavioral Responses in Rats Submitted to Chronic Administration of Branched-Chain Amino Acids. JIMD Reports, 2013, 13, 159-167.	1.5	14
66	Methylphenidate treatment increases Na+, K+-ATPase activity in the cerebrum of young and adult rats. Journal of Neural Transmission, 2009, 116, 1681-1687.	2.8	13
67	Oxidative variables and antioxidant enzymes activities in the mdx mouse brain. Neurochemistry International, 2009, 55, 802-805.	3.8	13
68	Evaluation of light/dark cycle in anxiety- and depressive-like behaviors after regular treatment with methylphenidate hydrochloride in rats of different ages. Revista Brasileira De Psiquiatria, 2011, 33, 55-58.	1.7	13
69	Neurotrophins, cytokines, oxidative parameters and funcionality in Progressive Muscular Dystrophies. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1809-1818.	0.8	13
70	Interleukin-1β Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. Current Neurovascular Research, 2015, 12, 253-261.	1.1	13
71	Mitochondrial respiratory chain and creatine kinase activities in mdx mouse brain. Muscle and Nerve, 2010, 41, 257-260.	2.2	12
72	Effect of chronic administration of ketamine on the mitochondrial respiratory chain activity caused by chronic mild stress. Acta Neuropsychiatrica, 2010, 22, 292-299.	2.1	12

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73	Imipramine reverses depressive-like parameters in pneumococcal meningitis survivor rats. Journal of Neural Transmission, 2012, 119, 653-660.	2.8	12
74	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. Revista Brasileira De Psiquiatria, 2014, 36, 322-329.	1.7	12
75	Involvement of NLRP3 inflammasome in schizophrenia-like behaviour in young animals after maternal immune activation. Acta Neuropsychiatrica, 2020, 32, 321-327.	2.1	11
76	Chronic Methylphenidate-Effects Over Circadian Cycle of Young and Adult Rats Submitted to Open-Field and Object Recognition Tests. Current Neurovascular Research, 2009, 6, 259-266.	1.1	11
77	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. Synapse, 2014, 68, 474-479.	1.2	10
78	Striatum brain-derived neurotrophic factor levels are decreased in dystrophin-deficient mice. Neuroscience Letters, 2009, 459, 66-68.	2.1	9
79	Early antibiotic administration prevents cognitive impairment induced by meningitis in rats. Neuroscience Letters, 2009, 465, 71-73.	2.1	8
80	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.	4.0	8
81	Activity of Krebs cycle enzymes in mdx mice. Muscle and Nerve, 2016, 53, 91-95.	2.2	8
82	Reduction of acethylcolinesterase activity in the brain of mdx mice. Neuromuscular Disorders, 2011, 21, 359-362.	0.6	7
83	Dextran Sulphate of Sodium-induced colitis in mice: antihyperalgesic effects of ethanolic extract of Citrus reticulata and potential damage to the central nervous system. Anais Da Academia Brasileira De Ciencias, 2018, 90, 3139-3145.	0.8	7
84	Central Nervous System Involvement in the Animal Model of Myodystrophy. Molecular Neurobiology, 2013, 48, 71-77.	4.0	5
85	Effect of sepsis on behavioral changes on the ketamine-induced animal model of schizophrenia. Journal of Neuroimmunology, 2015, 281, 78-82.	2.3	5
86	Behavioral Responses in Animal Model of Congenital Muscular Dystrophy 1D. Molecular Neurobiology, 2016, 53, 402-407.	4.0	5
87	Late Brain Involvement after Neonatal Immune Activation. BioMed Research International, 2019, 2019, 1-11.	1.9	5
88	Dermatoglyphical impressions are different between children and adolescents with normal weight, overweight and obesity: a cross-sectional study. F1000Research, 2019, 8, 964.	1.6	5
89	Effects of acute treatment with amphetamine in locomotor activity in sepsis survivor rats. Journal of Neuroimmunology, 2009, 212, 145-147.	2.3	4
90	Swimming Improves Memory and Antioxidant Defense in an Animal Model of Duchenne Muscular Dystrophy. Molecular Neurobiology, 2021, 58, 5067-5077.	4.0	4

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91	Ketamine induces rapid onset of antidepressant action: neurophysiological biomarkers as predictors of effect. Biomarkers in Medicine, 2009, 3, 5-8.	1.4	3
92	Effect of Aerobic Physical Exercise in an Animal Model of Duchenne Muscular Dystrophy. Journal of Molecular Neuroscience, 2020, 70, 1552-1564.	2.3	3
93	Neonatal Immune Activation May Provoke Long-term Depressive Attributes. Current Neurovascular Research, 2019, 16, 358-364.	1.1	3
94	Congenital Muscular Dystrophy 1D Causes Matrix Metalloproteinase Activation And Blood-Brain Barrier Impairment. Current Neurovascular Research, 2017, 14, 60-64.	1.1	3
95	Early fragmentation of polyester urethane sheet neither causes persistent oxidative stress nor alters the outcome of normal tissue healing in rat skin. Anais Da Academia Brasileira De Ciencias, 2018, 90, 2211-2222.	0.8	1
96	Methylphenidate treatment affects mitogen-activated protein kinase activation in the striatum of young rats. Acta Neuropsychiatrica, 2013, 25, 235-239.	2.1	0
97	Dermatoglyphics and abdominal resistance in female children and adolescents: a cross-sectional study. F1000Research, 0, 10, 945.	1.6	0
98	Effects of low-intensity training on the brain and muscle in the congenital muscular dystrophy 1D model. Neurological Sciences, 2022, , 1.	1.9	0