

# Clarissa M Comim

## List of Publications by Year in descending order

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98  
papers

3,730  
citations

147801

31  
h-index

144013

57  
g-index

99  
all docs

99  
docs citations

99  
times ranked

4502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of low-intensity training on the brain and muscle in the congenital muscular dystrophy 1D model. <i>Neurological Sciences</i> , 2022, , 1.	1.9	0
2	Swimming Improves Memory and Antioxidant Defense in an Animal Model of Duchenne Muscular Dystrophy. <i>Molecular Neurobiology</i> , 2021, 58, 5067-5077.	4.0	4
3	Effects of chronic treatment with gold nanoparticles on inflammatory responses and oxidative stress in Mdx mice. <i>Journal of Drug Targeting</i> , 2020, 28, 46-54.	4.4	20
4	Involvement of NLRP3 inflammasome in schizophrenia-like behaviour in young animals after maternal immune activation. <i>Acta Neuropsychiatrica</i> , 2020, 32, 321-327.	2.1	11
5	Effect of Aerobic Physical Exercise in an Animal Model of Duchenne Muscular Dystrophy. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1552-1564.	2.3	3
6	Late Brain Involvement after Neonatal Immune Activation. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	5
7	Neurocognitive Impairment in mdx Mice. <i>Molecular Neurobiology</i> , 2019, 56, 7608-7616.	4.0	15
8	Dermatoglyphical impressions are different between children and adolescents with normal weight, overweight and obesity: a cross-sectional study. <i>F1000Research</i> , 2019, 8, 964.	1.6	5
9	Neonatal Immune Activation May Provoke Long-term Depressive Attributes. <i>Current Neurovascular Research</i> , 2019, 16, 358-364.	1.1	3
10	Dextran Sulphate of Sodium-induced colitis in mice: antihyperalgesic effects of ethanolic extract of <i>Citrus reticulata</i> and potential damage to the central nervous system. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3139-3145.	0.8	7
11	Early fragmentation of polyester urethane sheet neither causes persistent oxidative stress nor alters the outcome of normal tissue healing in rat skin. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2211-2222.	0.8	1
12	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
13	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
14	Activity of Krebs cycle enzymes in <i>mdx</i> mice. <i>Muscle and Nerve</i> , 2016, 53, 91-95.	2.2	8
15	Experimental Neonatal Sepsis Causes Long-Term Cognitive Impairment. <i>Molecular Neurobiology</i> , 2016, 53, 5928-5934.	4.0	28
16	Behavioral Responses in Animal Model of Congenital Muscular Dystrophy 1D. <i>Molecular Neurobiology</i> , 2016, 53, 402-407.	4.0	5
17	Neurotrophins, cytokines, oxidative parameters and functionality in Progressive Muscular Dystrophies. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1809-1818.	0.8	13
18	Effects of sodium butyrate on aversive memory in rats submitted to sepsis. <i>Neuroscience Letters</i> , 2015, 595, 134-138.	2.1	28

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19	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
20	Interleukin-1&#946; Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. <i>Current Neurovascular Research</i> , 2015, 12, 253-261.	1.1	13
21	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 322-329.	1.7	12
22	Methylphenidate treatment causes oxidative stress and alters energetic metabolism in an animal model of attention-deficit hyperactivity disorder. <i>Acta Neuropsychiatrica</i> , 2014, 26, 96-103.	2.1	31
23	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. <i>Synapse</i> , 2014, 68, 474-479.	1.2	10
24	Acute Brain Inflammation and Oxidative Damage Are Related to Long-Term Cognitive Deficits and Markers of Neurodegeneration in Sepsis-Survivor Rats. <i>Molecular Neurobiology</i> , 2014, 49, 380-385.	4.0	72
25	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
26	NCS-1 deficiency causes anxiety and depressive-like behavior with impaired non-aversive memory in mice. <i>Physiology and Behavior</i> , 2014, 130, 91-98.	2.1	33
27	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
28	Inflammation biomarkers and delirium in critically ill patients. <i>Critical Care</i> , 2014, 18, R106.	5.8	79
29	Il1- $\beta$ Involvement in Cognitive Impairment after Sepsis. <i>Molecular Neurobiology</i> , 2014, 49, 1069-1076.	4.0	87
30	Neonatal Escherichia coli K1 meningitis causes learning and memory impairments in adulthood. <i>Journal of Neuroimmunology</i> , 2014, 272, 35-41.	2.3	20
31	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
32	Matrix Metalloproteinase-2 and Metalloproteinase-9 Activities are Associated with Bloodâ€‘Brain Barrier Dysfunction in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2013, 48, 62-70.	4.0	91
33	Central Nervous System Involvement in the Animal Model of Myodystrophy. <i>Molecular Neurobiology</i> , 2013, 48, 71-77.	4.0	5
34	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
35	Late brain alterations in sepsisâ€™survivor rats. <i>Synapse</i> , 2013, 67, 786-793.	1.2	22
36	Caspase-3 Mediates In Part Hippocampal Apoptosis in Sepsis. <i>Molecular Neurobiology</i> , 2013, 47, 394-398.	4.0	48

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37	Chronic administration of branched-chain amino acids impairs spatial memory and increases brain-derived neurotrophic factor in a rat model. <i>Journal of Inherited Metabolic Disease</i> , 2013, 36, 721-730.	3.6	27
38	Behavioral Responses in Rats Submitted to Chronic Administration of Branched-Chain Amino Acids. <i>JIMD Reports</i> , 2013, 13, 159-167.	1.5	14
39	Methylphenidate treatment affects mitogen-activated protein kinase activation in the striatum of young rats. <i>Acta Neuropsychiatrica</i> , 2013, 25, 235-239.	2.1	0
40	Correlation of Acute Phase Inflammatory and Oxidative Markers With Long-term Cognitive Impairment in Sepsis Survivors Rats. <i>Shock</i> , 2013, 40, 45-48.	2.1	34
41	Brain-derived neurotrophic factor plasma levels are associated with mortality in critically ill patients even in the absence of brain injury. <i>Critical Care</i> , 2012, 16, R234.	5.8	16
42	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
43	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
44	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
45	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
46	Antioxidant administration prevents memory impairment in an animal model of maple syrup urine disease. <i>Behavioural Brain Research</i> , 2012, 231, 92-96.	2.2	23
47	Protective effects of guanosine against sepsis-induced damage in rat brain and cognitive impairment. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 904-910.	4.1	61
48	Imipramine reverses depressive-like parameters in pneumococcal meningitis survivor rats. <i>Journal of Neural Transmission</i> , 2012, 119, 653-660.	2.8	12
49	NMDA preconditioning prevents object recognition memory impairment and increases brain viability in mice exposed to traumatic brain injury. <i>Brain Research</i> , 2012, 1466, 82-90.	2.2	29
50	Reduction of acetylcholinesterase activity in the brain of mdx mice. <i>Neuromuscular Disorders</i> , 2011, 21, 359-362.	0.6	7
51	Evaluation of light/dark cycle in anxiety- and depressive-like behaviors after regular treatment with methylphenidate hydrochloride in rats of different ages. <i>Revista Brasileira De Psiquiatria</i> , 2011, 33, 55-58.	1.7	13
52	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.	4.0	8
53	Serum Heat Shock Protein 70 Levels, Oxidant Status, and Mortality in Sepsis. <i>Shock</i> , 2011, 35, 466-470.	2.1	65
54	Acute low dose of MK-801 prevents memory deficits without altering hippocampal DARPP-32 expression and BDNF levels in sepsis survivor rats. <i>Journal of Neuroimmunology</i> , 2011, 230, 48-51.	2.3	19

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55	Alterations in Inflammatory Mediators, Oxidative Stress Parameters and Energetic Metabolism in the Brain of Sepsis Survivor Rats. <i>Neurochemical Research</i> , 2011, 36, 304-311.	3.3	53
56	Aversive memory in sepsis survivor rats. <i>Journal of Neural Transmission</i> , 2011, 118, 213-217.	2.8	15
57	Traffic of leukocytes and cytokine up-regulation in the central nervous system in sepsis. <i>Intensive Care Medicine</i> , 2011, 37, 711-718.	8.2	78
58	Diurnal differences in memory and learning in young and adult rats treated with methylphenidate. <i>Journal of Neural Transmission</i> , 2010, 117, 457-462.	2.8	15
59	Time-dependent behavioral recovery after pneumococcal meningitis in rats. <i>Journal of Neural Transmission</i> , 2010, 117, 819-826.	2.8	23
60	Depressive-Like Parameters in Sepsis Survivor Rats. <i>Neurotoxicity Research</i> , 2010, 17, 279-286.	2.7	28
61	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.	2.3	56
62	Correlation between behavioral deficits and decreased brain-derived neurotrophic factor in neonatal meningitis. <i>Journal of Neuroimmunology</i> , 2010, 223, 73-76.	2.3	32
63	Treatment with cannabidiol reverses oxidative stress parameters, cognitive impairment and mortality in rats submitted to sepsis by cecal ligation and puncture. <i>Brain Research</i> , 2010, 1348, 128-138.	2.2	72
64	Mitochondrial respiratory chain and creatine kinase activities in <i>mdx</i> mouse brain. <i>Muscle and Nerve</i> , 2010, 41, 257-260.	2.2	12
65	Effect of chronic administration of ketamine on the mitochondrial respiratory chain activity caused by chronic mild stress. <i>Acta Neuropsychiatrica</i> , 2010, 22, 292-299.	2.1	12
66	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.	4.7	91
67	Low dose dexamethasone reverses depressive-like parameters and memory impairment in rats submitted to sepsis. <i>Neuroscience Letters</i> , 2010, 473, 126-130.	2.1	22
68	Antibiotic therapy prevents, in part, the oxidative stress in the rat brain after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Neuroscience Letters</i> , 2010, 478, 93-96.	2.1	29
69	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.	3.0	22
70	Cognitive Impairment in the Septic Brain. <i>Current Neurovascular Research</i> , 2009, 6, 194-203.	1.1	44
71	Ketamine induces rapid onset of antidepressant action: neurophysiological biomarkers as predictors of effect. <i>Biomarkers in Medicine</i> , 2009, 3, 5-8.	1.4	3
72	Effects of acute treatment with amphetamine in locomotor activity in sepsis survivor rats. <i>Journal of Neuroimmunology</i> , 2009, 212, 145-147.	2.3	4

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73	Increased oxidative stress in submitochondrial particles into the brain of rats submitted to the chronic mild stress paradigm. <i>Journal of Psychiatric Research</i> , 2009, 43, 864-869.	3.1	120
74	Methylphenidate treatment increases Na <sup>+</sup> , K <sup>+</sup> -ATPase activity in the cerebrum of young and adult rats. <i>Journal of Neural Transmission</i> , 2009, 116, 1681-1687.	2.8	13
75	Acute administration of ketamine reverses the inhibition of mitochondrial respiratory chain induced by chronic mild stress. <i>Brain Research Bulletin</i> , 2009, 79, 418-421.	3.0	54
76	Ketamine treatment reverses behavioral and physiological alterations induced by chronic mild stress in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 450-455.	4.8	214
77	Effects of chronic mild stress on the oxidative parameters in the rat brain. <i>Neurochemistry International</i> , 2009, 54, 358-362.	3.8	217
78	Striatum brain-derived neurotrophic factor levels are decreased in dystrophin-deficient mice. <i>Neuroscience Letters</i> , 2009, 459, 66-68.	2.1	9
79	Early antibiotic administration prevents cognitive impairment induced by meningitis in rats. <i>Neuroscience Letters</i> , 2009, 465, 71-73.	2.1	8
80	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.	2.1	44
81	Oxidative variables and antioxidant enzymes activities in the mdx mouse brain. <i>Neurochemistry International</i> , 2009, 55, 802-805.	3.8	13
82	RIVASTIGMINE REVERSES HABITUATION MEMORY IMPAIRMENT OBSERVED IN SEPSIS SURVIVOR RATS. <i>Shock</i> , 2009, 32, 270-271.	2.1	25
83	Effect of acute administration of ketamine and imipramine on creatine kinase activity in the brain of rats. <i>Revista Brasileira De Psiquiatria</i> , 2009, 31, 247-252.	1.7	28
84	Chronic Methylphenidate-Effects Over Circadian Cycle of Young and Adult Rats Submitted to Open-Field and Object Recognition Tests. <i>Current Neurovascular Research</i> , 2009, 6, 259-266.	1.1	11
85	DARPP-32 and NCS-1 Expression is not Altered in Brains of Rats Treated with Typical or Atypical Antipsychotics. <i>Neurochemical Research</i> , 2008, 33, 533-538.	3.3	27
86	The Septic Brain. <i>Neurochemical Research</i> , 2008, 33, 2171-2177.	3.3	65
87	Time-dependent behavioral recovery after sepsis in rats. <i>Intensive Care Medicine</i> , 2008, 34, 1724-1731.	8.2	93
88	Chronic Administration of Ketamine Elicits Antidepressant-Like Effects in Rats without Affecting Hippocampal Brain-Derived Neurotrophic Factor Protein Levels. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 502-506.	2.5	101
89	DNA Damage after Acute and Chronic Treatment with Malathion in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7560-7565.	5.2	36
90	Mitochondrial respiratory chain and creatine kinase activities in rat brain after sepsis induced by cecal ligation and perforation. <i>Mitochondrion</i> , 2008, 8, 313-318.	3.4	74

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91	Inhibition of mitochondrial respiratory chain in brain of rats subjected to an experimental model of depression. <i>Neurochemistry International</i> , 2008, 53, 395-400.	3.8	172
92	Acute administration of ketamine induces antidepressant-like effects in the forced swimming test and increases BDNF levels in the rat hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 140-144.	4.8	377
93	Memory-enhancing treatments reverse the impairment of inhibitory avoidance retention in sepsis-surviving rats. <i>Critical Care</i> , 2008, 12, R133.	5.8	17
94	Chronic Mild Stress Paradigm Reduces Sweet Food Intake in Rats without Affecting Brain Derived Neurotrophic Factor Protein Levels. <i>Current Neurovascular Research</i> , 2008, 5, 207-213.	1.1	45
95	DNA damage in rats after treatment with methylphenidate. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1282-1288.	4.8	64
96	Effect of Antipsychotics on Creatine Kinase Activity in Rat Brain. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 101, 315-319.	2.5	20
97	Imipramine reverses the depressive symptoms in sepsis survivor rats. <i>Intensive Care Medicine</i> , 2007, 33, 2165-2167.	8.2	23
98	Dermatoglyphics and abdominal resistance in female children and adolescents: a cross-sectional study. <i>F1000Research</i> , 0, 10, 945.	1.6	0