

Humberto Milani

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68

papers

1,180

citations

19

h-index

30

g-index

69

ext. papers

1,358

ext. citations

3.5

avg, IF

4.32

L-index

#	Paper	IF	Citations
68	Influence of single and repeated cannabidiol administration on emotional behavior and markers of cell proliferation and neurogenesis in non-stressed mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 64, 27-34	5.5	78
67	Cannabidiol reduces neuroinflammation and promotes neuroplasticity and functional recovery after brain ischemia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 75, 94-105	5.5	69
66	Protective effects of cannabidiol against hippocampal cell death and cognitive impairment induced by bilateral common carotid artery occlusion in mice. <i>Neurotoxicity Research</i> , 2014 , 26, 307-16	4.3	60
65	GABA-benzodiazepine modulation of aversion in the medial hypothalamus of the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1987 , 28, 21-7	3.9	56
64	Analysis of recovery from behavioral asymmetries induced by unilateral removal of vibrissae in the rat.. <i>Behavioral Neuroscience</i> , 1989 , 103, 1067-1074	2.1	50
63	Long-term treatment with fish oil prevents memory impairments but not hippocampal damage in rats subjected to transient, global cerebral ischemia. <i>Nutrition Research</i> , 2008 , 28, 798-808	4	45
62	Rolipram improves cognition, reduces anxiety- and despair-like behaviors and impacts hippocampal neuroplasticity after transient global cerebral ischemia. <i>Neuroscience</i> , 2016 , 326, 69-83	3.9	45
61	Cognitive impairment and persistent anxiety-related responses following bilateral common carotid artery occlusion in mice. <i>Behavioural Brain Research</i> , 2013 , 249, 28-37	3.4	39
60	Vitamin E improves learning performance and changes the expression of nitric oxide-producing neurons in the brains of diabetic rats. <i>Behavioural Brain Research</i> , 2010 , 210, 38-45	3.4	33
59	Sustained neuroprotection and facilitation of behavioral recovery by the Ginkgo biloba extract, EGb 761, after transient forebrain ischemia in rats. <i>Behavioural Brain Research</i> , 2006 , 174, 70-7	3.4	29
58	Pioglitazone reduces mortality, prevents depressive-like behavior, and impacts hippocampal neurogenesis in the 6-OHDA model of Parkinson's disease in rats. <i>Experimental Neurology</i> , 2018 , 300, 188-200	5.7	28
57	A novel version of the 8-arm radial maze: effects of cerebral ischemia on learning and memory. <i>Journal of Neuroscience Methods</i> , 2004 , 132, 9-18	3	26
56	Roflumilast promotes memory recovery and attenuates white matter injury in aged rats subjected to chronic cerebral hypoperfusion. <i>Neuropharmacology</i> , 2018 , 138, 360-370	5.5	24
55	Neurohistological and behavioral changes following the four-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion: comparison between normotensive and spontaneously hypertensive rats. <i>Behavioural Brain Research</i> , 2013 , 252, 214-21	3.4	24
54	Ethanol withdrawal activates nitric oxide-producing neurons in anxiety-related brain areas. <i>Alcohol</i> , 2011 , 45, 641-52	2.7	24
53	Subchronic administration of Trichilia catigua ethyl-acetate fraction promotes antidepressant-like effects and increases hippocampal cell proliferation in mice. <i>Journal of Ethnopharmacology</i> , 2012 , 143, 179-84	5	23
52	Permanent, 3-stage, 4-vessel occlusion as a model of chronic and progressive brain hypoperfusion in rats: a neurohistological and behavioral analysis. <i>Behavioural Brain Research</i> , 2005 , 160, 312-22	3.4	23

51	Effects of nitric oxide synthase inhibition in the dorsolateral periaqueductal gray matter on ethanol withdrawal-induced anxiety-like behavior in rats. <i>Psychopharmacology</i> , 2013 , 228, 487-98	4.7	20
50	Myricitrin induces antidepressant-like effects and facilitates adult neurogenesis in mice. <i>Behavioural Brain Research</i> , 2017 , 316, 59-65	3.4	19
49	Tacrolimus (FK506) reduces ischemia-induced hippocampal damage in rats: a 7- and 30-day study. <i>Brazilian Journal of Medical and Biological Research</i> , 2003 , 36, 495-502	2.8	19
48	Activation of 5-HT postsynaptic receptors by NLX-101 results in functional recovery and an increase in neuroplasticity in mice with brain ischemia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 99, 109832	5.5	19
47	Time-course of neurodegeneration and memory impairment following the 4-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion in middle-aged rats. <i>Behavioural Brain Research</i> , 2012 , 229, 340-8	3.4	18
46	Fish oil provides robust and sustained memory recovery after cerebral ischemia: influence of treatment regimen. <i>Physiology and Behavior</i> , 2013 , 119, 61-71	3.5	18
45	Middle-aged, but not young, rats develop cognitive impairment and cortical neurodegeneration following the four-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion. <i>European Journal of Neuroscience</i> , 2011 , 34, 1131-40	3.5	17
44	The cognitive and histopathological effects of chronic 4-vessel occlusion in rats depend on the set of vessels occluded and the age of the animals. <i>Behavioural Brain Research</i> , 2009 , 197, 378-87	3.4	17
43	Ethyl-acetate fraction of <i>Trichilia catigua</i> protects against oxidative stress and neuroinflammation after cerebral ischemia/reperfusion. <i>Journal of Ethnopharmacology</i> , 2018 , 221, 109-118	5	16
42	Imipramine enhances cell proliferation and decreases neurodegeneration in the hippocampus after transient global cerebral ischemia in rats. <i>Neuroscience Letters</i> , 2010 , 470, 43-8	3.3	16
41	Tacrolimus (FK506) reduces hippocampal damage but fails to prevent learning and memory deficits after transient, global cerebral ischemia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2007 , 88, 28-38	3.9	16
40	Interaction between recovery from behavioral asymmetries induced by hemivibrissotomy in the rat and the effects of apomorphine and amphetamine.. <i>Behavioral Neuroscience</i> , 1990 , 104, 470-476	2.1	16
39	Ethyl-acetate fraction of <i>Trichilia catigua</i> restores long-term retrograde memory and reduces oxidative stress and inflammation after global cerebral ischemia in rats. <i>Behavioural Brain Research</i> , 2018 , 337, 173-182	3.4	15
38	The phosphodiesterase type 2 inhibitor BAY 60-7550 reverses functional impairments induced by brain ischemia by decreasing hippocampal neurodegeneration and enhancing hippocampal neuronal plasticity. <i>European Journal of Neuroscience</i> , 2017 , 45, 510-520	3.5	15
37	Cilostazol but not sildenafil prevents memory impairment after chronic cerebral hypoperfusion in middle-aged rats. <i>Behavioural Brain Research</i> , 2015 , 283, 61-8	3.4	15
36	<i>Trichilia catigua</i> ethyl-acetate fraction protects against cognitive impairments and hippocampal cell death induced by bilateral common carotid occlusion in mice. <i>Journal of Ethnopharmacology</i> , 2015 , 172, 232-7	5	14
35	Magnesium chloride alone or in combination with diazepam fails to prevent hippocampal damage following transient forebrain ischemia. <i>Brazilian Journal of Medical and Biological Research</i> , 1999 , 32, 1285-93	2.8	14
34	Fish oil provides a sustained anti-amnesic effect after acute, transient forebrain ischemia but not after chronic cerebral hypoperfusion in middle-aged rats. <i>Behavioural Brain Research</i> , 2014 , 265, 101-10	3.4	12

33	Sildenafil provides sustained neuroprotection in the absence of learning recovery following the 4-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion in middle-aged rats. <i>Brain Research Bulletin</i> , 2013 , 90, 58-65	3.9	12
32	Loss of CA1 cells following global ischaemia correlates with spatial deficits in the circular platform task. <i>Journal of Neuroscience Methods</i> , 1998 , 80, 19-27	3	12
31	Effect of tacrolimus (FK506) on ischemia-induced brain damage and memory dysfunction in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 607-15	3.9	12
30	Fish oil prevents oxidative stress and exerts sustained anti-amnesic effect after global cerebral ischemia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 400-10	2.6	12
29	Analysis of recovery from behavioral asymmetries induced by unilateral removal of vibrissae in the rat. <i>Behavioral Neuroscience</i> , 1989 , 103, 1067-74	2.1	12
28	Sildenafil prevents mortality and reduces hippocampal damage after permanent, stepwise, 4-vessel occlusion in rats. <i>Brain Research Bulletin</i> , 2010 , 81, 631-40	3.9	11
27	Postischemic fish oil treatment restores long-term retrograde memory and dendritic density: An analysis of the time window of efficacy. <i>Behavioural Brain Research</i> , 2016 , 311, 425-439	3.4	11
26	Postischemic fish oil treatment confers task-dependent memory recovery. <i>Physiology and Behavior</i> , 2017 , 177, 196-207	3.5	10
25	Effects of Cannabidiol on Diabetes Outcomes and Chronic Cerebral Hypoperfusion Comorbidities in Middle-Aged Rats. <i>Neurotoxicity Research</i> , 2019 , 35, 463-474	4.3	10
24	Dopamine in the nucleus accumbens core, but not shell, increases during signaled food reward and decreases during delayed extinction. <i>Neurobiology of Learning and Memory</i> , 2015 , 123, 125-39	3.1	9
23	Depletion of 5 hydroxy-triptamine (5-HT) affects the antidepressant-like effect of neuronal nitric oxide synthase inhibitor in mice. <i>Neuroscience Letters</i> , 2017 , 656, 131-137	3.3	9
22	Acute, post-ischemic sensorimotor deficits correlate positively with infarct size but fail to predict its occurrence and magnitude after middle cerebral artery occlusion in rats. <i>Behavioural Brain Research</i> , 2011 , 216, 29-35	3.4	9
21	The Ginkgo biloba extract, EGb 761, fails to reduce brain infarct size in rats after transient, middle cerebral artery occlusion in conditions of unprevented, ischemia-induced fever. <i>Phytotherapy Research</i> , 2006 , 20, 438-43	6.7	9
20	Validation of a simple and inexpensive method for the quantitation of infarct in the rat brain. <i>Brazilian Journal of Medical and Biological Research</i> , 2004 , 37, 511-21	2.8	9
19	Postischemic fish oil treatment restores dendritic integrity and synaptic proteins levels after transient, global cerebral ischemia in rats. <i>Journal of Chemical Neuroanatomy</i> , 2019 , 101, 101683	3.2	8
18	Eag1, Eag2, and SK3 potassium channel expression in the rat hippocampus after global transient brain ischemia. <i>Journal of Neuroscience Research</i> , 2012 , 90, 632-40	4.4	8
17	4-hydroxy-3-methoxy-acetophenone-mediated long-lasting memory recovery, hippocampal neuroprotection, and reduction of glial cell activation after transient global cerebral ischemia in rats. <i>Journal of Neuroscience Research</i> , 2015 , 93, 1240-9	4.4	6
16	Robust and enduring atorvastatin-mediated memory recovery following the 4-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion in middle-aged rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 65, 179-87	5.5	5

15	Differential contribution of CB1, CB2, 5-HT1A, and PPAR- α receptors to cannabidiol effects on ischemia-induced emotional and cognitive impairments. <i>European Journal of Neuroscience</i> , 2021 , 53, 1738-1751	3.5	5
14	Cognitive, neurohistological and mortality outcomes following the four-vessel occlusion/internal carotid artery model of chronic cerebral hypoperfusion: The impact of diabetes and aging. <i>Behavioural Brain Research</i> , 2018 , 339, 169-178	3.4	5
13	Interaction between recovery from behavioral asymmetries induced by hemivibrissotomy in the rat and the effects of apomorphine and amphetamine. <i>Behavioral Neuroscience</i> , 1990 , 104, 470-6	2.1	5
12	Phosphodiesterase Inhibition as a Therapeutic Target for Brain Ischemia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 1012-23	2.6	4
11	Glycemic homeostasis and hepatic metabolism are modified in rats with global cerebral ischemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165934	6.9	4
10	Roflumilast protects against spatial memory impairments and exerts anti-inflammatory effects after transient global cerebral ischemia. <i>European Journal of Neuroscience</i> , 2021 , 53, 1171-1188	3.5	4
9	Role of GABA in the anti-aversive action of anxiolytics. <i>Advances in Biochemical Psychopharmacology</i> , 1986 , 42, 79-86		3
8	Anxiolytic-like and proneurogenic effects of <i>Trichilia catigua</i> ethyl-acetate fraction in mice with cerebral ischemia. <i>Revista Brasileira De Farmacognosia</i> , 2019 , 29, 613-620	2	1
7	Positive effects of roflumilast on behavior, neuroinflammation, and white matter injury in mice with global cerebral ischemia. <i>Behavioural Pharmacology</i> , 2021 , 32, 459-471	2.4	1
6	Longitudinal modeling using log-gamma mixed model: case of memory deterioration after chronic cerebral hypoperfusion associated with diabetes in rats. <i>Acta Scientiarum - Technology</i> , 2019 , 41, 35789	0.5	1
5	Cannabidiol Confers Neuroprotection in Rats in a Model of Transient Global Cerebral Ischemia: Impact of Hippocampal Synaptic Neuroplasticity. <i>Molecular Neurobiology</i> , 2021 , 58, 5338-5355	6.2	1
4	DHA-Enriched Formulations as a Promising Strategy for the Treatment of Hypoxic/Ischemic Brain Injury 2019 , 391-401		
3	P.6.a.017 Chronic ethanol exposure increases inducible nitric oxide synthase expression in the dorsolateral periaqueductal gray matter of rats. <i>European Neuropsychopharmacology</i> , 2014 , 24, S662-S663 ^{1,2}		
2	Mixed models in cerebral ischemia study. <i>Acta Scientiarum - Technology</i> , 2016 , 38, 345	0.5	
1	Longitudinal modeling using log-gamma mixed model: case of memory deterioration after chronic cerebral hypoperfusion associated with diabetes in rats. <i>Acta Scientiarum - Technology</i> , 2019 , 41, 35789	0.5	