

Humberto Milani

List of Publications by Year in descending order

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69
papers

1,528
citations

279778

23
h-index

361001

35
g-index

69
all docs

69
docs citations

69
times ranked

1900
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.8	110
2	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.	4.8	104
3	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, 307-316.	2.7	80
4	GABA-Benzodiazepine modulation of aversion in the medial hypothalamus of the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1987, 28, 21-27.	2.9	60
5	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.	2.3	56
6	Analysis of recovery from behavioral asymmetries induced by unilateral removal of vibrissae in the rat.. <i>Behavioral Neuroscience</i> , 1989, 103, 1067-1074.	1.2	51
7	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.	2.9	49
8	Cognitive impairment and persistent anxiety-related responses following bilateral common carotid artery occlusion in mice. <i>Behavioural Brain Research</i> , 2013, 249, 28-37.	2.2	49
9	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.	4.1	47
10	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.	2.2	38
11	Roflumilast promotes memory recovery and attenuates white matter injury in aged rats subjected to chronic cerebral hypoperfusion. <i>Neuropharmacology</i> , 2018, 138, 360-370.	4.1	37
12	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, 70-77.	2.2	30
13	Ethanol withdrawal activates nitric oxide-producing neurons in anxiety-related brain areas. <i>Alcohol</i> , 2011, 45, 641-652.	1.7	29
14	Myricitrin induces antidepressant-like effects and facilitates adult neurogenesis in mice. <i>Behavioural Brain Research</i> , 2017, 316, 59-65.	2.2	28
15	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.	2.5	27
16	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, 312-322.	2.2	27
17	Analysis of recovery from behavioral asymmetries induced by unilateral removal of vibrissae in the rat.. <i>Behavioral Neuroscience</i> , 1989, 103, 1067-1074.	1.2	27
18	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, 214-221.	2.2	26

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19	Activation of 5-HT _{1A} 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.	4.8	26
20	Subchronic administration of <i>Trichilia catigua</i> ethyl-acetate fraction promotes antidepressant-like effects and increases hippocampal cell proliferation in mice. <i>Journal of Ethnopharmacology</i> , 2012, 143, 179-184.	4.1	25
21	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, 487-498.	3.1	25
22	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.	4.1	24
23	Fish oil provides robust and sustained memory recovery after cerebral ischemia: Influence of treatment regimen. <i>Physiology and Behavior</i> , 2013, 119, 61-71.	2.1	23
24	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.	2.2	23
25	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.	1.5	21
26	Imipramine enhances cell proliferation and decreases neurodegeneration in the hippocampus after transient global cerebral ischemia in rats. <i>Neuroscience Letters</i> , 2010, 470, 43-48.	2.1	21
27	The phosphodiesterase type 2 inhibitor BAY 607550 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.	2.6	21
28	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, 340-348.	2.2	19
29	<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, 232-237.	4.1	19
30	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, 1285-1293.	1.5	18
31	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, 378-387.	2.2	18
32	Differential contribution of CB ₁ , CB ₂ , 5-HT _{1A} , and PPAR α receptors to cannabidiol effects on ischemia-induced emotional and cognitive impairments. <i>European Journal of Neuroscience</i> , 2021, 53, 1738-1751.	2.6	18
33	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.	2.2	17
34	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, 1131-1140.	2.6	17
35	Cilostazol but not sildenafil prevents memory impairment after chronic cerebral hypoperfusion in middle-aged rats. <i>Behavioural Brain Research</i> , 2015, 283, 61-68.	2.2	17
36	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.	1.2	16

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37	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.	2.9	16
38	Effects of Cannabidiol on Diabetes Outcomes and Chronic Cerebral Hypoperfusion Comorbidities in Middle-Aged Rats. <i>Neurotoxicity Research</i> , 2019, 35, 463-474.	2.7	16
39	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, 101-110.	2.2	15
40	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, 125-139.	1.9	15
41	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.	3.0	14
42	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, 400-410.	1.4	14
43	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.	2.5	13
44	Effect of tacrolimus (FK506) on ischemia-induced brain damage and memory dysfunction in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 77, 607-615.	2.9	13
45	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.	2.2	12
46	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.	4.0	12
47	Sildenafil prevents mortality and reduces hippocampal damage after permanent, stepwise, 4-vessel occlusion in rats. <i>Brain Research Bulletin</i> , 2010, 81, 631-640.	3.0	11
48	Postischemic fish oil treatment confers task-dependent memory recovery. <i>Physiology and Behavior</i> , 2017, 177, 196-207.	2.1	11
49	Depletion of 5-hydroxytryptamine (5-HT) affects the antidepressant-like effect of neuronal nitric oxide synthase inhibitor in mice. <i>Neuroscience Letters</i> , 2017, 656, 131-137.	2.1	11
50	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.	3.8	11
51	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.	2.6	11
52	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, 511-521.	1.5	11
53	Eag1, Eag2, and SK3 potassium channel expression in the rat hippocampus after global transient brain ischemia. <i>Journal of Neuroscience Research</i> , 2012, 90, 632-640.	2.9	10
54	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.	1.2	10

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55	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, 438-443.	5.8	9
56	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, 179-187.	4.8	9
57	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.	2.1	9
58	4- <i>Hydroxy-3-methoxyacetophenone</i> -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, 1240-1249.	2.9	7
59	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.	1.7	6
60	Phosphodiesterase Inhibition as a Therapeutic Target for Brain Ischemia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1012-1023.	1.4	6
61	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.	2.2	5
62	Role of GABA in the anti-aversive action of anxiolytics. <i>Advances in Biochemical Psychopharmacology</i> , 1986, 42, 79-86.	0.1	3
63	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.	1.4	2
64	Mixed models in cerebral ischemia study. <i>Acta Scientiarum - Technology</i> , 2016, 38, 345.	0.4	1
65	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.	0.4	1
66	O DESAFIO PARA COMPREENDER A MORFOLOGIA CEREBRAL: DA VISUALIZAÃÃO Ã QUANTIFICAÃÃO. <i>SaÃde E Pesquisa</i> , 2019, 12, 97.	0.1	1
67	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.	0.7	0
68	DHA-Enriched Formulations as a Promising Strategy for the Treatment of Hypoxic/Ischemic Brain Injury. , 2019, , 391-401.		0
69	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.	0.4	0