LuÃ-s EugÃªnio de AraÃºjo de Moraes M

List of Publications by Year
in descending order

129 papers	5,426 citations	94433 37 h-index	95266 68 g-index
130 all docs	130 docs citations	130 times ranked	5378 citing authors

#	Article	IF	Citations
1	Circuit Mechanisms of Seizures in the Pilocarpine Model of Chronic Epilepsy: Cell Loss and Mossy Fiber Sprouting. Epilepsia, 1993, 34, 985-995.	5.1	634
2	Seizures produced by pilocarpine in mice: A behavioral, electroencephalographic and morphological analysis. Brain Research, 1984, 321, 237-253.	2.2	332
3	Temporal profile of neuronal injury following pilocarpine or kainic acid-induced status epilepticus. Epilepsy Research, 2000, 39, 133-152.	1.6	232
4	Meditation training increases brain efficiency in an attention task. NeuroImage, 2012, 59, 745-749.	4.2	175
5	Blockade of pilocarpine- or kainate-induced mossy fiber sprouting by cycloheximide does not prevent subsequent epileptogenesis in rats. Neuroscience Letters, 1997, 226, 163-166.	2.1	146
6	Bilateral Anterior Thalamic Nucleus Lesions and High-frequency Stimulation Are Protective against Pilocarpine-induced Seizures and Status Epilepticus. Neurosurgery, 2004, 54, 191-197.	1.1	143
7	Cell damage and neurogenesis in the dentate granule cell layer of adult rats after pilocarpine- or kainate-induced status epilepticus. , 2000, 10, 169-180.		139
8	Therapeutic effects of the transplantation of VEGF overexpressing bone marrow mesenchymal stem cells in the hippocampus of murine model of AlzheimerÃ¢â‚¬â„¢s disease. Frontiers in Aging Neuroscience, 2014, 6, 30.	3.4	138
9	Neuroethological and morphological (Neo-Timm staining) correlates of limbic recruitment during the development of audiogenic kindling in seizure susceptible Wistar rats. Epilepsy Research, 1996, 26, 177-192.	1.6	133
10	Supragranular mossy fiber sprouting is not necessary for spontaneous seizures in the intrahippocampal kainate model of epilepsy in the rat. Epilepsy Research, 1998, 32, 172-182.	1.6	121
11	Deep brain stimulation of the anterior nucleus of the thalamus: Effects of electrical stimulation on pilocarpine-induced seizures and status epilepticus. Epilepsy Research, 2008, 78, 117-123.	1.6	113
12	Susceptibility to seizures produced by pilocarpine in rats after microinjection of isonnazid or Î³-vinyl-GABA into the substantia nigra. Brain Research, 1986, 370, 294-309.	2.2	103
13	Novel perspectives of neural stem cell differentiation: From neurotransmitters to therapeutics. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 38-53.	1.5	86
14	Chemically-Induced RAT Mesenchymal Stem Cells Adopt Molecular Properties of Neuronal-Like Cells but Do Not Have Basic Neuronal Functional Properties. PLoS ONE, 2009, 4, e5222.	2.5	76
15	NMDA receptor-mediated excitability in dendritically deformed dentate granule cells in pilocarpine-treated rats. Neuroscience Letters, 1991, 129, 69-73.	2.1	74
16	The pattern of c-Fos expression and its refractory period in the brain of rats and monkeys. Frontiers in Cellular Neuroscience, 2015, 9, 72.	3.7	74
17	Anterior thalamus deep brain stimulation at high current impairs memory in rats. Experimental Neurology, 2010, 225, 154-162.	4.1	71
18	Effects of aminophylline and 2-chloroadenosine on seizures produced by pilocarpine in rats: Morphological and electroencephalographic correlates. Brain Research, 1985, 361, 309-323.	2.2	70

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19	IMPACT, a Protein Preferentially Expressed in the Mouse Brain, Binds GCN1 and Inhibits GCN2 Activation. Journal of Biological Chemistry, 2005, 280, 28316-28323.	3.4	69
20	Focal injection of 2-amino-7-phosphonoheptanoic acid into prepiriform cortex protects against pilocarpine-induced limbic seizures in rats. Neuroscience Letters, 1986, 70, 69-74.	2.1	64
21	Convergence of projections from the rat hippocampal formation, medial geniculate and basal forebrain onto single amygdaloid neurons: an in vivo extra- and intracellular electrophysiological study. Brain Research, 1992, 587, 24-40.	2.2	64
22	Stress-Induced c-Fos Expression is Differentially Modulated by Dexamethasone, Diazepam and Imipramine. Neuropsychopharmacology, 2005, 30, 1246-1256.	5.4	64
23	Assessment of seizure susceptibility in pilocarpine epileptic and nonepileptic Wistar rats and of seizure reinduction with pentylenetetrazole and electroshock models. Epilepsia, 2009, 50, 824-831.	5.1	64
24	Transplant of GABAergic Precursors Restores Hippocampal Inhibitory Function in a Mouse Model of Seizure Susceptibility. Cell Transplantation, 2010, 19, 549-564.	2.5	61
25	2-Amino-7-phosphonoheptanoic acid (2-APH) infusion into entopeduncular nucleus protects against limbic seizures in rats. Neuroscience Letters, 1986, 64, 226-230.	2.1	58
26	Spontaneous seizures preferentially injure interneurons in the pilocarpine model of chronic spontaneous seizures. Epilepsy Research, 1996, 26, 123-129.	1.6	57
27	Effects of Anterior Thalamic Nucleus Deep Brain Stimulation in Chronic Epileptic Rats. PLoS ONE, 2014, 9, e97618.	2.5	57
28	Social isolation disrupts hippocampal neurogenesis in young non-human primates. Frontiers in Neuroscience, 2014, 8, 45.	2.8	55
29	Growth-associated Protein 43 Expression in Hippocampal Molecular Layer of Chronic Epileptic Rats Treated with Cycloheximide. Epilepsia, 2005, 46, 125-128.	5.1	53
30	Analgesia and c-Fos expression in the periaqueductal gray induced by electroacupuncture at the Zusanli point in rats. Brain Research, 2003, 973, 196-204.	2.2	50
31	Immunogenicity of a recombinant protein containing the Plasmodium vivax vaccine candidate MSP119 and two human CD4+ T-cell epitopes administered to non-human primates (Callithrix jacchus jacchus). Microbes and Infection, 2006, 8, 2130-2137.	1.9	50
32	Estrogen, progestogen and tamoxifen increase synaptic density of the hippocampus of ovariectomized rats. Neuroscience Letters, 2000, 291, 183-186.	2.1	49
33	Treatment of moderate obstructive sleep apnea syndrome with acupuncture: A randomised, placebo-controlled pilot trial. Sleep Medicine, 2007, 8, 43-50.	1.6	47
34	Kininâ€B2 receptor expression and activity during differentiation of embryonic rat neurospheres. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 361-368.	1.5	46
35	A Comparative Study of the Effects of Electroacupuncture and Moxibustion in the Gastrointestinal Motility of the Rat. Digestive Diseases and Sciences, 2004, 49, 602-610.	2.3	44
36	Behavioral changes resulting from the administration of cycloheximide in the pilocarpine model of epilepsy. Brain Research, 2005, 1066, 37-48.	2.2	43

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37	CXCL12 N-terminal end is sufficient to induce chemotaxis and proliferation of neural stem/progenitor cells. Stem Cell Research, 2013, 11, 913-925.	0.7	40
38	Mind-body interventions for the treatment of insomnia: a review. Revista Brasileira De Psiquiatria, 2010, 32, 437-443.	1.7	38
39	GABAergic synaptic transmission in projections from the basal forebrain and hippocampal formation to the amygdala: an in vivo iontophoretic study. Brain Research, 1992, 587, 41-48.	2.2	37
40	Sprouting of mossy fibers and the vacating of postsynaptic targets in the inner molecular layer of the dentate gyrus. Experimental Neurology, 2003, 181, 57-67.	4.1	37
41	Ultrastructural identification of dentate granule cell death from pilocarpine-induced seizures. Epilepsy Research, 2000, 41, 9-21.	1.6	36
42	The Pilocarpine Model of Seizures. , 2006, , 433-448.		36
43	Activation of frontal neocortical areas by vocal production in marmosets. Frontiers in Integrative Neuroscience, 2010, 4, .	2.1	36
44	Changes in Hippocampal Volume are Correlated with Cell Loss but Not with Seizure Frequency in Two Chronic Models of Temporal Lobe Epilepsy. Frontiers in Neurology, 2014, 5, 111.	2.4	36
45	Onset of estrogen replacement has a critical effect on synaptic density of CA1 hippocampus in ovariectomized adult rats. Menopause, 2003, 10, 406-411.	2.0	34
46	Grafting of GABAergic precursors rescues deficits in hippocampal inhibition. Epilepsia, 2010, 51, 66-70.	5.1	34
47	Neonatal inflammatory pain increases hippocampal neurogenesis in rat pups. Neuroscience Letters, 2011, 501, 78-82.	2.1	34
48	Electroacupuncture prevents cognitive deficits in pilocarpine-epileptic rats. Neuroscience Letters, 2005, 384, 234-238.	2.1	33
49	Effects of FGF-2 and EGF removal on the differentiationof mouse neural precursor cells. Anais Da Academia Brasileira De Ciencias, 2009, 81, 443-452.	0.8	33
50	Depressive symptoms and sleep: A population-based polysomnographic study. Psychiatry Research, 2013, 210, 906-912.	3.3	33
51	Role of adenosine in the antiepileptic effects of deep brain stimulation. Frontiers in Cellular Neuroscience, 2014, 8, 312.	3.7	33
52	Serotonin involvement in the electroacupuncture- and moxibustion-induced gastric emptying in rats. Physiology and Behavior, 2004, 82, 855-861.	2.1	33
53	Effect of neuronal precursor cells derived from medial ganglionic eminence in an acute epileptic seizure model. Epilepsia, 2010, 51, 71-75.	5.1	32
54	Effect of long-term spontaneous recurrent seizures or reinduction of status epilepticus on the development of supragranular mossy fiber sprouting. Epilepsy Research, 1999, 36, 233-241.	1.6	31

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55	Spontaneous recurrent seizures and neuropathology in the chronic phase of the pilocarpine and picrotoxin model epilepsy. Neurological Research, 2002, 24, 199-209.	1.3	30
56	Lack of Fos-like immunoreactivity after spontaneous seizures or reinduction of status epilepticus by pilocarpine in rats. Neuroscience Letters, 1996, 208, 133-137.	2.1	29
57	Status epilepticus induced by pilocarpine and picrotoxin. Epilepsy Research, 1997, 28, 73-82.	1.6	29
58	Modeling epileptogenesis and temporal lobe epilepsy in a non-human primate. Epilepsy Research, 2011, 96, 45-57.	1.6	29
59	Pilocarpine-induced status epilepticus increases Homer1a and changes mGluR5 expression. Epilepsy Research, 2012, 101, 253-260.	1.6	27
60	NEUROANATOMY OF THE BASAL GANGLIA. Psychiatric Clinics of North America, 1997, 20, 691-704.	1.3	26
61	Assessment of the progressive nature of cell damage in the pilocarpine model of epilepsy. Brazilian Journal of Medical and Biological Research, 2006, 39, 915-924.	1.5	26
62	Phosphorylation of the Î± subunit of translation initiation factor-2 by PKR mediates protein synthesis inhibition in the mouse brain during status epilepticus. Biochemical Journal, 2006, 397, 187-194.	3.7	25
63	Behavioral characterization of pentylenetetrazol-induced seizures in the marmoset. Epilepsy and Behavior, 2008, 13, 70-76.	1.7	24
64	Distribution of the protein IMPACT, an inhibitor of GCN2, in the mouse, rat, and marmoset brain. Journal of Comparative Neurology, 2008, 507, 1811-1830.	1.6	23
65	Immediate Effect of Acupuncture on the Sleep Pattern of Patients with Obstructive Sleep Apnoea. Acupuncture in Medicine, 2010, 28, 115-119.	1.0	23
66	Manganeseâ€enhanced magnetic resonance imaging detects mossy fiber sprouting in the pilocarpine model of epilepsy. Epilepsia, 2012, 53, 1225-1232.	5.1	23
67	Phosphorylation of translation initiation factor eIF2Î± in the brain during pilocarpine-induced status epilepticus in mice. Neuroscience Letters, 2004, 357, 191-194.	2.1	22
68	Antidepressive-like effects of electroacupuncture in rats. Physiology and Behavior, 2008, 93, 155-159.	2.1	22
69	Is mindfulness associated with insomnia after menopause?. Menopause, 2014, 21, 301-305.	2.0	20
70	Behavioural, electroencephalographic and neuropathological effects of the intrahippocampal injection of the venom of the South American rattlesnake (Crotalus durissus terrificus). Toxicon, 1989, 27, 189-199.	1.6	19
71	Synaptic plasticity of the CA3 commissural projection in epileptic rats: an in vivo electrophysiological study. European Journal of Neuroscience, 2007, 25, 3071-3079.	2.6	19
72	Loss of NADPH diaphorase-positive neurons in the hippocampal formation of chronic pilocarpine-epileptic rats. , 1999, 9, 303-313.		18

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73	Basal dendrites are present in newly born dentate granule cells of young but not aged pilocarpine-treated chronic epileptic rats. Neuroscience, 2010, 170, 687-691.	2.3	18
74	Electrophysiologic Abnormalities of the Hippocampus in the Pilocarpine/Cycloheximide Model of Chronic Spontaneous Seizures. Epilepsia, 2002, 43, 203-208.	5.1	17
75	Brain Imaging Analysis Can Identify Participants under Regular Mental Training. PLoS ONE, 2012, 7, e39832.	2.5	17
76	Temporal and Behavioral Variability in Cannabinoid Receptor Expression in Outbred Mice Submitted to Ethanol-Induced Locomotor Sensitization Paradigm. Alcoholism: Clinical and Experimental Research, 2013, 37, 1516-1526.	2.4	17
77	Behavioral and Histopathological Analysis of Domoic Acid Administration in Marmosets. Epilepsia, 2005, 46, 148-151.	5.1	16
78	Microinjection of GABAergic agents into the anterior nucleus of the thalamus modulates pilocarpine-induced seizures and status epilepticus. Seizure: the Journal of the British Epilepsy Association, 2010, 19, 242-246.	2.0	16
79	Influence of chronic cocaine treatment and sleep deprivation on sexual behavior and neurogenesis of the male rat. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 1224-1229.	4.8	15
80	Distribution and proliferation of bone marrow cells in the brain after pilocarpineâ€induced status epilepticus in mice. Epilepsia, 2010, 51, 1628-1632.	5.1	15
81	Evolutionary History of the PER3 Variable Number of Tandem Repeats (VNTR): Idiosyncratic Aspect of Primate Molecular Circadian Clock. PLoS ONE, 2014, 9, e107198.	2.5	15
82	THC inhibits the expression of ethanol-induced locomotor sensitization in mice. Alcohol, 2017, 65, 31-35.	1.7	15
83	Inhibitory role of the zona incerta in the pilocarpine model of epilepsy. Epilepsy Research, 2002, 49, 73-80.	1.6	14
84	Plastic Changes and Disease-modifying Effects of Scopolamine in the Pilocarpine Model of Epilepsy in Rats. Epilepsia, 2005, 46, 118-124.	5.1	13
85	Lack of association between PSAâ€NCAM expression and migration in the rostral migratory stream of a Huntington's disease transgenic mouse model. Neuropathology, 2009, 29, 140-147.	1.2	13
86	Postnatal Transplantation of Interneuronal Precursor Cells Decreases Anxiety-Like Behavior in Adult Mice. Cell Transplantation, 2013, 22, 1237-1247.	2.5	13
87	Amygdaloid kindling and kindled seizures in rats receiving chronic ethanol administration. Epilepsy Research, 1990, 7, 95-104.	1.6	12
88	Effect of Moxibustion at Acupoints Ren-12 (Zhongwan), St-25 (Tianshu), and St-36 (Zuzanli) in the Prevention of Gastric Lesions Induced by Indomethacin in Wistar Rats. Digestive Diseases and Sciences, 2005, 50, 366-374.	2.3	12
89	Short-Term Withdrawal of Mitogens Prior to Plating Increases Neuronal Differentiation of Human Neural Precursor Cells. PLoS ONE, 2009, 4, e4642.	2.5	12
90	Modification of the natural progression of epileptogenesis by means of biperiden in the pilocarpine model of epilepsy. Epilepsy Research, 2017, 138, 88-97.	1.6	12

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91	Respiratory Pattern in a Rat Model of Epilepsy. Epilepsia, 2003, 44, 712-717.	5.1	11
92	Consequences of Prolonged Caffeine Administration and Its Withdrawal on Pilocarpine- and Kainate-induced Seizures in Rats. Epilepsia, 2005, 46, 1401-1406.	5.1	11
93	Hippocampal gene expression analysis using the ORESTES methodology shows that homer 1a mRNA is upregulated in the acute period of the pilocarpine epilepsy model. Hippocampus, 2007, 17, 130-136.	1.9	11
94	Repetitive Nociceptive Stimuli in Newborn Rats Do Not Alter the Hippocampal Neurogenesis. Pediatric Research, 2008, 63, 154-157.	2.3	11
95	Electroacupuncture Inhibits Ethanolâ€Induced Locomotor Sensitization and Alters homer1A mRNA Expression in Mice. Alcoholism: Clinical and Experimental Research, 2009, 33, 1469-1475.	2.4	11
96	Reduced Hippocampal Dentate Cell Proliferation and Impaired Spatial Memory Performance in Aged-Epileptic Rats. Frontiers in Neurology, 2013, 4, 106.	2.4	11
97	Expression of 9-O-acetylated gangliosides in the rat hippocampus. Neuroscience Letters, 1996, 213, 17-20.	2.1	10
98	Cardiovascular Regulation through Hypothalamic GABAA Receptors in a Genetic Absence Epilepsy Model in Rat. Epilepsia, 2002, 43, 107-114.	5.1	10
99	Vesicular acetylcholine transporter knock-down mice are more susceptible to pilocarpine induced status epilepticus. Neuroscience Letters, 2008, 436, 201-204.	2.1	10
100	Withdrawal induces distinct patterns of FosB/âˆ†FosB expression in outbred Swiss mice classified as susceptible and resistant to ethanol-induced locomotor sensitization. Pharmacology Biochemistry and Behavior, 2014, 117, 70-78.	2.9	10
101	Seizures triggered by pentylenetetrazol in marmosets made chronically epileptic with pilocarpine show greater refractoriness to treatment. Epilepsy Research, 2016, 126, 16-25.	1.6	10
102	Administration of Neural Precursor Cells Ameliorates Renal Ischemia-Reperfusion Injury. Nephron Experimental Nephrology, 2009, 112, e20-e28.	2.2	9
103	Two decades of research towards a potential first anti-epileptic drug. Seizure: the Journal of the British Epilepsy Association, 2021, 90, 99-109.	2.0	9
104	The oral glucose tolerance test is frequently abnormal in patients with uncontrolled epilepsy. Epilepsy and Behavior, 2006, 9, 140-144.	1.7	8
105	The development of a rat model of erectile dysfunction after radical prostatectomy: preliminary findings. BJU International, 2008, 102, 1026-1028.	2.5	8
106	Chronic light deprivation inhibits appetitive associative learning induced by ethanol and its respective c-Fos and pCREB expression. International Journal of Neuropsychopharmacology, 2014, 17, 1815-1830.	2.1	8
107	Brain Indoleamines in Alloxan- and Streptozotocin-Induced Diabetic Rats. Journal of Neurochemistry, 1988, 51, 698-703.	3.9	7
108	The GCN2 inhibitor IMPACT contributes to diet-induced obesity and body temperature control. PLoS ONE, 2019, 14, e0217287.	2.5	7

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109	Effects of herbimycin A in the pilocarpine model of temporal lobe epilepsy. Brain Research, 2006, 1081, 219-227.	2.2	6
110	Staying at the crossroads: assessment of the potential of serum lithium monitoring in predicting an ideal lithium dose. Revista Brasileira De Psiquiatria, 2008, 30, 215-221.	1.7	6
111	Effects of ethanol on hippocampal neurogenesis depend on the conditioned appetitive response. Addiction Biology, 2013, 18, 774-785.	2.6	6
112	Replacement of Asymmetric Synaptic Profiles in the Molecular Layer of Dentate Gyrus Following Cycloheximide in the Pilocarpine Model in Rats. Frontiers in Psychiatry, 2015, 6, 157.	2.6	6
113	Maximal electroshock-induced seizures are able to induce Homer1a mRNA expression but not pentylenetetrazole-induced seizures. Epilepsy and Behavior, 2015, 44, 90-95.	1.7	6
114	Bilateral Anterior Thalamic Nucleus Lesions Are Not Protective against Seizures in Chronic Pilocarpine Epileptic Rats. Stereotactic and Functional Neurosurgery, 2009, 87, 143-147.	1.5	5
115	Modeling of post-traumatic epilepsy and experimental research aimed at its prevention. Brazilian Journal of Medical and Biological Research, 2021, 54, e10656.	1.5	5
116	Anticonvulsant activity of bone marrow cells in electroconvulsive seizures in mice. BMC Neuroscience, 2013, 14, 97.	1.9	4
117	Treatment with CCR2 antagonist is neuroprotective but does not alter epileptogenesis in the pilocarpine rat model of epilepsy. Epilepsy and Behavior, 2020, 102, 106695.	1.7	4
118	Thalamic neuropathology in the chronic pilocarpine and picrotoxin model of epilepsy. Thalamus & Related Systems, 2002, 2, 49-53.	0.5	3
119	Experimental model of facial paralysis by nerve compression in primates (Callithrix sp.): A new model of facial paralysis in small nonhuman primates. Acta Oto-Laryngologica, 2012, 132, 1239-1242.	0.9	3
120	Neurogenesis: A Change of Paradigms. , 2010, , 11-33.		3
121	Amygdaloid kindling in aiioxan-diabetic rats. Canadian Journal of Physiology and Pharmacology, 1986, 64, 240-243.	1.4	2
122	Acupuncture may be an alternative to treat moderate obstructive sleep apnea. Sleep Medicine, 2008, 9, 212-213.	1.6	2
123	Experimental Video Analysis of Eye Blink Reflex in a Primate Model. Otology and Neurotology, 2012, 33, 1625-1629.	1.3	2
124	Kinin B1 receptor gene ablation affects hypothalamic CART production^b. Biological Chemistry, 2013, 394, 901-908.	2.5	2
125	Differential patterns of expression of neuropeptide Y throughout abstinence in outbred Swiss mice classified as susceptible or resistant to ethanol-induced locomotor sensitization. Alcohol, 2014, 48, 63-72.	1.7	2
126	câ€Jun expression after cerebral hyperstimulation differs between rats and marmosets. Journal of Neuroscience Research, 2019, 97, 760-771.	2.9	2

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127	Does neonatal manipulation on continuous or alternate days change maternal behavior?. International Journal of Developmental Neuroscience, 2021, 81, 759-765.	1.6	2
128	Marmosets have a greater diversity of <scp>câ€Fos</scp> response after hyperstimulation in distinct cortical regions as compared to rats. Journal of Comparative Neurology, 2021, 529, 1628-1641.	1.6	1
129	Anxious Profile Influences Behavioral and Immunohistological Findings in the Pilocarpine Model of Epilepsy. Frontiers in Pharmacology, 2021, 12, 640715.	3.5	1