

Marco Aurelio Romano-Silva

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/5534243/marco-aurelio-romano-silva-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

222
papers

4,178
citations

33
h-index

49
g-index

239
ext. papers

4,749
ext. citations

3.9
avg, IF

4.97
L-index

#	Paper	IF	Citations
222	The genomic ancestry of individuals from different geographical regions of Brazil is more uniform than expected. <i>PLoS ONE</i> , 2011 , 6, e17063	3.7	396
221	Decreased in situ expression of interleukin-10 receptor is correlated with the exacerbated inflammatory and cytotoxic responses observed in mucosal leishmaniasis. <i>Infection and Immunity</i> , 2005 , 73, 7853-9	3.7	149
220	Increased serum levels of brain-derived neurotrophic factor in chronic institutionalized patients with schizophrenia. <i>Neuroscience Letters</i> , 2008 , 439, 157-9	3.3	83
219	Dopamine D2 receptor activity modulates Akt signaling and alters GABAergic neuron development and motor behavior in zebrafish larvae. <i>Journal of Neuroscience</i> , 2011 , 31, 5512-25	6.6	62
218	Increased serum levels of CCL11/eotaxin in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 710-4	5.5	60
217	Increased serum levels of inflammatory markers in chronic institutionalized patients with schizophrenia. <i>NeuroImmunoModulation</i> , 2008 , 15, 140-4	2.5	60
216	Association study of GSK3 gene polymorphisms with schizophrenia and clozapine response. <i>Psychopharmacology</i> , 2008 , 200, 177-86	4.7	53
215	Phoneutria nigriventer toxin Tx3-1 blocks A-type K ⁺ currents controlling Ca ²⁺ oscillation frequency in GH3 cells. <i>Journal of Neurochemistry</i> , 1999 , 72, 1472-81	6	53
214	A toxin from the spider Phoneutria nigriventer that blocks calcium channels coupled to exocytosis. <i>British Journal of Pharmacology</i> , 1997 , 122, 591-7	8.6	51
213	Thiamine deficiency decreases glutamate uptake in the prefrontal cortex and impairs spatial memory performance in a water maze test. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 83, 481-9	3.9	46
212	Antinociceptive effect of Brazilian armed spider venom toxin Tx3-3 in animal models of neuropathic pain. <i>Pain</i> , 2011 , 152, 2224-2232	8	45
211	Decision-making impairment is related to serotonin transporter promoter polymorphism in a sample of patients with obsessive-compulsive disorder. <i>Behavioural Brain Research</i> , 2008 , 195, 159-63	3.4	45
210	Spider peptide Ph11 induces analgesic effect in a model of cancer pain. <i>Cancer Science</i> , 2013 , 104, 1226-30	6.9	43
209	Is the serotonin transporter polymorphism (5-HTTLPR) a potential marker for suicidal behavior in bipolar disorder patients?. <i>Journal of Affective Disorders</i> , 2010 , 125, 98-102	6.6	43
208	Alpha- and beta-scorpion toxins evoke glutamate release from rat cortical synaptosomes with different effects on [Na ⁺] _i and [Ca ²⁺] _i . <i>Neuropharmacology</i> , 1998 , 37, 289-97	5.5	43
207	Analysis of telomere attrition in bipolar disorder. <i>Journal of Affective Disorders</i> , 2015 , 172, 43-7	6.6	41
206	Graph analysis of verbal fluency test discriminate between patients with Alzheimer's disease, mild cognitive impairment and normal elderly controls. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 185	5.3	41

205	An association study between the Val66Met polymorphism of the BDNF gene and postpartum depression. <i>Archives of Women's Mental Health</i> , 2010 , 13, 285-9	5	41
204	Phoneutria nigriventer toxins block tityustoxin-induced calcium influx in synaptosomes. <i>NeuroReport</i> , 1998 , 9, 1371-3	1.7	40
203	An evaluation of the antinociceptive effects of Ph ϕ a neurotoxin from the spider Phoneutria nigriventer, and β -conotoxin MVIIA, a cone snail Conus magus toxin, in rat model of inflammatory and neuropathic pain. <i>Cellular and Molecular Neurobiology</i> , 2013 , 33, 59-67	4.6	38
202	Antialloodynic effect and side effects of Ph ϕ a neurotoxin from the spider Phoneutria nigriventer: comparison with β -conotoxin MVIIA and morphine. <i>Toxicon</i> , 2011 , 58, 626-33	2.8	38
201	The 5-HTTLPR polymorphism, impulsivity and suicide behavior in euthymic bipolar patients. <i>Journal of Affective Disorders</i> , 2011 , 133, 221-6	6.6	38
200	The leukocytes expressing DARPP-32 are reduced in patients with schizophrenia and bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 214-9	5.5	38
199	Cloning, cDNA sequence analysis and patch clamp studies of a toxin from the venom of the armed spider (Phoneutria nigriventer). <i>Toxicon</i> , 1998 , 36, 1971-80	2.8	38
198	Thiopurine methyltransferase polymorphisms in a Brazilian population. <i>Pharmacogenomics Journal</i> , 2003 , 3, 178-82	3.5	38
197	Is the 5-HTTLPR polymorphism associated with bipolar disorder or with suicidal behavior of bipolar disorder patients?. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008 , 147B, 114-6	3.5	37
196	Distribution of CYP2D6 alleles and phenotypes in the Brazilian population. <i>PLoS ONE</i> , 2014 , 9, e110691	3.7	37
195	Impairment of fine motor dexterity in mild cognitive impairment and Alzheimer's disease dementia: association with activities of daily living. <i>Revista Brasileira De Psiquiatria</i> , 2016 , 38, 235-8	2.6	36
194	Global pharmacogenomics: Impact of population diversity on the distribution of polymorphisms in the CYP2C cluster among Brazilians. <i>Pharmacogenomics Journal</i> , 2012 , 12, 267-76	3.5	35
193	Optogenetic Stimulation of the M2 Cortex Reverts Motor Dysfunction in a Mouse Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2019 , 39, 3234-3248	6.6	35
192	Cloning of cDNAs encoding neurotoxic peptides from the spider Phoneutria nigriventer. <i>Toxicon</i> , 1998 , 36, 1843-50	2.8	34
191	Characterization of the tumor suppressor gene WWOX in primary human oral squamous cell carcinomas. <i>International Journal of Cancer</i> , 2006 , 118, 1154-8	7.5	34
190	Inhibition of glutamate uptake by a polypeptide toxin (phoneutriatoxin 3-4) from the spider Phoneutria nigriventer. <i>Biochemical Journal</i> , 1999 , 343, 413-418	3.8	34
189	Loss of a neural AMP-activated kinase mimics the effects of elevated serotonin on fat, movement, and hormonal secretions. <i>PLoS Genetics</i> , 2014 , 10, e1004394	6	33
188	Genetic association of the GDNF alpha-receptor genes with schizophrenia and clozapine response. <i>Journal of Psychiatric Research</i> , 2010 , 44, 700-6	5.2	33

187	Phoneutria spider toxins block ischemia-induced glutamate release, neuronal death, and loss of neurotransmission in hippocampus. <i>Hippocampus</i> , 2009 , 19, 1123-9	3.5	31
186	Specific cognitive functions and depressive symptoms as predictors of activities of daily living in older adults with heterogeneous cognitive backgrounds. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 139	5.3	30
185	Investigation of the modulation of glutamate release by sodium channels using neurotoxins. <i>Neuroscience</i> , 2002 , 113, 115-23	3.9	30
184	Molecular cloning of cDNAs encoding insecticidal neurotoxic peptides from the spider <i>Phoneutria nigriventer</i> . <i>Toxicon</i> , 2000 , 38, 1443-9	2.8	30
183	Neural stem cell niche heterogeneity. <i>Seminars in Cell and Developmental Biology</i> , 2019 , 95, 42-53	7.5	29
182	Calcium channels coupled to depolarization-evoked glutamate release in the myenteric plexus of guinea-pig ileum. <i>Neuroscience</i> , 2000 , 101, 237-42	3.9	28
181	Influence of genomic ancestry on the distribution of SLCO1B1, SLCO1B3 and ABCB1 gene polymorphisms among Brazilians. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 460-8	3.1	27
180	The role of 5-HTTLPR polymorphism in antidepressant-associated mania in bipolar disorder. <i>Journal of Affective Disorders</i> , 2009 , 112, 267-72	6.6	27
179	Expression of neuronal calcium sensor-1 (NCS-1) is decreased in leukocytes of schizophrenia and bipolar disorder patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 229-34	5.5	27
178	Reduced prefrontal cortex DARPP-32 mRNA in completed suicide victims with schizophrenia. <i>Schizophrenia Research</i> , 2008 , 103, 192-200	3.6	27
177	Neuroprotective effect on brain injury by neurotoxins from the spider <i>Phoneutria nigriventer</i> . <i>Neurochemistry International</i> , 2006 , 49, 543-7	4.4	27
176	Effects of lamotrigine on behavior, oxidative parameters and signaling cascades in rats exposed to the chronic mild stress model. <i>Neuroscience Research</i> , 2013 , 75, 324-30	2.9	26
175	Lifespan Extension Induced by Caffeine in <i>Caenorhabditis elegans</i> is Partially Dependent on Adenosine Signaling. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 220	5.3	26
174	Phoneutria spider toxins block ischemia-induced glutamate release and neuronal death of cell layers of the retina. <i>Retina</i> , 2011 , 31, 1392-9	3.6	26
173	Association of antipsychotic induced weight gain and body mass index with GNB3 gene: a meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1848-53	5.5	26
172	Association of the serotonin transporter promoter polymorphism with suicidal behavior. <i>Molecular Psychiatry</i> , 2003 , 8, 899-900	15.1	26
171	Changes in Ca(2+) channel expression upon differentiation of SN56 cholinergic cells. <i>Brain Research</i> , 2001 , 916, 199-210	3.7	26
170	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, 533-8	4.6	25

169	Edinburgh Postnatal Depression Scale for screening in the public health system. <i>Revista De Saude Publica</i> , 2009 , 43 Suppl 1, 79-84	2.4	24
168	Genetic study of eight AKT1 gene polymorphisms and their interaction with DRD2 gene polymorphisms in tardive dyskinesia. <i>Schizophrenia Research</i> , 2008 , 106, 248-52	3.6	24
167	Is DARPP-32 a potential therapeutic target?. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 1649-61	6.4	24
166	Familial suicide behaviour: association with probands suicide attempt characteristics and 5-HTTLPR polymorphism. <i>Acta Psychiatrica Scandinavica</i> , 2004 , 110, 459-64	6.5	24
165	Global pharmacogenomics: distribution of CYP3A5 polymorphisms and phenotypes in the Brazilian population. <i>PLoS ONE</i> , 2014 , 9, e83472	3.7	24
164	Effects of the calcium channel blockers Ph $\bar{1}$ and Conotoxin MVIIA on capsaicin and acetic acid-induced visceral nociception in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 126, 97-102	3.9	23
163	The role of BDNF genetic polymorphisms in bipolar disorder with psychiatric comorbidities. <i>Journal of Affective Disorders</i> , 2011 , 131, 307-11	6.6	23
162	Association between AKT1 but not AKTIP genetic variants and increased risk for suicidal behavior in bipolar patients. <i>Genes, Brain and Behavior</i> , 2010 , 9, 411-8	3.6	23
161	PnTx3-6 a spider neurotoxin inhibits K ⁺ -evoked increase in [Ca ²⁺] _i and Ca ²⁺ -dependent glutamate release in synaptosomes. <i>Neurochemistry International</i> , 2003 , 42, 277-82	4.4	23
160	Early long-term exposure with caffeine induces cross-sensitization to methylphenidate with involvement of DARPP-32 in adulthood of rats. <i>Neurochemistry International</i> , 2009 , 55, 318-22	4.4	22
159	Spider neurotoxins block the beta scorpion toxin-induced calcium uptake in rat brain cortical synaptosomes. <i>Brain Research Bulletin</i> , 2001 , 54, 533-6	3.9	22
158	Neurogenesis in the postnatal cerebellum after injury. <i>International Journal of Developmental Neuroscience</i> , 2018 , 67, 33-36	2.7	21
157	NCS-1 deficiency causes anxiety and depressive-like behavior with impaired non-aversive memory in mice. <i>Physiology and Behavior</i> , 2014 , 130, 91-8	3.5	21
156	Genetic interaction between NAT2, GSTM1, GSTT1, CYP2E1, and environmental factors is associated with adverse reactions to anti-tuberculosis drugs. <i>Molecular Diagnosis and Therapy</i> , 2012 , 16, 241-50	4.5	21
155	VKORC1 polymorphisms in Brazilians: comparison with the Portuguese and Portuguese-speaking Africans and pharmacogenetic implications. <i>Pharmacogenomics</i> , 2010 , 11, 1257-67	2.6	21
154	Inhibition of glutamate uptake by Tx3-4 is dependent on the redox state of cysteine residues. <i>NeuroReport</i> , 2000 , 11, 2191-4	1.7	21
153	Association between the Catechol O-methyltransferase (COMT) Val158met polymorphism and different dimensions of impulsivity. <i>PLoS ONE</i> , 2013 , 8, e73509	3.7	20
152	Delusional parasitosis or Ekbom syndrome: a case series. <i>General Hospital Psychiatry</i> , 2006 , 28, 85-7	5.6	20

151	Investigation of A218C tryptophan hydroxylase polymorphism: association with familial suicide behavior and proband's suicide attempt characteristics. <i>Genes, Brain and Behavior</i> , 2006 , 5, 340-5	3.6	20
150	Serum from Sydenham's chorea patients modifies intracellular calcium levels in PC12 cells by a complement-independent mechanism. <i>Movement Disorders</i> , 2005 , 20, 843-5	7	20
149	Parent SNAP-IV rating of attention-deficit/hyperactivity disorder: accuracy in a clinical sample of ADHD, validity, and reliability in a Brazilian sample. <i>Jornal De Pediatria</i> , 2019 , 95, 736-743	2.6	20
148	Pericytes Act as Key Players in Spinal Cord Injury. <i>American Journal of Pathology</i> , 2019 , 189, 1327-1337	5.8	19
147	Increased frequency of T cells expressing IL-10 in Alzheimer disease but not in late-onset depression patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 47, 40-5	5.5	19
146	Telomere length is highly inherited and associated with hyperactivity-impulsivity in children with attention deficit/hyperactivity disorder. <i>Frontiers in Molecular Neuroscience</i> , 2015 , 8, 28	6.1	19
145	Tityustoxin-mediated Na ⁺ influx is more efficient than KCl depolarisation in promoting Ca ²⁺ -dependent glutamate release from synaptosomes. <i>Neuroscience Letters</i> , 1994 , 169, 90-2	3.3	19
144	Reliability of working memory assessment in neurocognitive disorders: a study of the Digit Span and Corsi Block-Tapping tasks. <i>Revista Brasileira De Psiquiatria</i> , 2016 , 38, 262-3	2.6	19
143	Genetic variant of AKT1 and AKTIP associated with late-onset depression in a Brazilian population. <i>International Journal of Geriatric Psychiatry</i> , 2014 , 29, 399-405	3.9	18
142	Sodium channel toxins and neurotransmitter release. <i>Neurochemical Research</i> , 2003 , 28, 1607-11	4.6	18
141	The effect of PhTx3 on the release of 3H-acetylcholine induced by tityustoxin and potassium in brain cortical slices and myenteric plexus. <i>Neuroscience Letters</i> , 1995 , 196, 131-3	3.3	18
140	Pericyte Plasticity in the Brain. <i>Neuroscience Bulletin</i> , 2019 , 35, 551-560	4.3	18
139	Postpartum depression symptoms associated with Val158Met COMT polymorphism. <i>Archives of Womens Mental Health</i> , 2013 , 16, 339-40	5	17
138	Impaired generation of new subcategories and switching in a semantic verbal fluency test in older adults with mild cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 141	5.3	17
137	Investigation of the effect of PhTx2, from the venom of the spider Phoneutria nigriventer, on the release of [3H]-acetylcholine from rat cerebrocortical synaptosomes. <i>Toxicon</i> , 1998 , 36, 1189-92	2.8	17
136	A review of psychiatric genetics research in the Brazilian population. <i>Revista Brasileira De Psiquiatria</i> , 2009 , 31, 154-62	2.6	17
135	Disease-specific expression of the serotonin-receptor 5-HT _{2C} in natural killer cells in Alzheimer's dementia. <i>Journal of Neuroimmunology</i> , 2012 , 251, 73-9	3.5	16
134	The Tower of London Test: different scoring criteria for diagnosing Alzheimer's disease and mild cognitive impairment. <i>Psychological Reports</i> , 2012 , 110, 477-88	1.6	16

133	Effects of alpha-scorpion toxin, tityustoxin on the release of [3H] dopamine of rat brain prefrontal cortical slices. <i>Neurochemistry International</i> , 2004 , 44, 91-7	4.4	16
132	Circulating CD4 and CD8 T cells expressing pro-inflammatory cytokines in a cohort of mesial temporal lobe epilepsy patients with hippocampal sclerosis. <i>Epilepsy Research</i> , 2016 , 120, 1-6	3	15
131	Dopamine signaling regulates fat content through β oxidation in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2014 , 9, e85874	3.7	15
130	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	3.5	15
129	Lack of association of GPX1 and MnSOD genes with symptom severity and response to clozapine treatment in schizophrenia subjects. <i>Human Psychopharmacology</i> , 2009 , 24, 676-9	2.3	15
128	Association of polymorphisms of the tryptophan hydroxylase 2 gene with risk for bipolar disorder or suicidal behavior. <i>Journal of Psychiatric Research</i> , 2010 , 44, 271-4	5.2	15
127	DARPP-32 expression in rat brain after electroconvulsive stimulation. <i>Brain Research</i> , 2007 , 1179, 35-41	3.7	15
126	Genotyping of the G1463A (Arg441His) TPH2 polymorphism in a geriatric population of patients with major depression. <i>Molecular Psychiatry</i> , 2006 , 11, 799-800	15.1	15
125	Effects of a <i>Lasiadora</i> spider venom on Ca^{2+} and Na^{+} channels. <i>Toxicon</i> , 2001 , 39, 991-1002	2.8	15
124	Inhibition of glutamate uptake by a polypeptide toxin (phoneutriatoxin 3-4) from the spider <i>Phoneutria nigriventer</i> . <i>Biochemical Journal</i> , 1999 , 343, 413	3.8	15
123	Association study of tryptophan hydroxylase 2 gene polymorphisms in bipolar disorder patients with panic disorder comorbidity. <i>Psychiatric Genetics</i> , 2011 , 21, 106-11	2.9	14
122	Recycling of synaptic vesicles at the frog neuromuscular junction in the presence of strontium. <i>Journal of Neurochemistry</i> , 1998 , 70, 2477-83	6	14
121	Analysis of T102C 5HT2A polymorphism in Brazilian psychiatric inpatients: relationship with suicidal behavior. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 813-7	4.6	14
120	Effects of Tityustoxin on Central Nervous System. <i>Toxin Reviews</i> , 1995 , 14, 437-456		14
119	The use of gadolinium to investigate the relationship between Ca^{2+} influx and glutamate release in rat cerebrocortical synaptosomes. <i>Neuroscience Letters</i> , 1994 , 178, 155-8	3.3	14
118	Effects of antipsychotics on intestinal motility in zebrafish larvae. <i>Neurogastroenterology and Motility</i> , 2017 , 29, e13006	4	13
117	The primary motor cortex is associated with learning the absolute, but not relative, timing dimension of a task: A tDCS study. <i>Physiology and Behavior</i> , 2016 , 160, 18-25	3.5	13
116	The In Vitro and In Vivo Antiangiogenic Effects of Flavokawain B. <i>Phytotherapy Research</i> , 2017 , 31, 1607-1613	6.13	13

115	Brain Metabolism Changes in Patients Infected with HTLV-1. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 52	6.1	13
114	ADHD inattentive symptoms mediate the relationship between intelligence and academic performance in children aged 6-14. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 313-21	2.6	13
113	Genetic variations in FOXO3A are associated with Bipolar Disorder without conferring vulnerability for suicidal behavior. <i>Journal of Affective Disorders</i> , 2011 , 133, 633-7	6.6	13
112	GABA-induced calcium signaling in cultured enteric neurons is reinforced by activation of cholinergic pathways. <i>Neuroscience</i> , 2006 , 139, 485-94	3.9	13
111	Dopaminergic intracellular signal integrating proteins: relevance to schizophrenia. <i>Dialogues in Clinical Neuroscience</i> , 2006 , 8, 95-100	5.7	13
110	Neuropsychological impairments in elderly Neurofibromatosis type 1 patients. <i>European Journal of Medical Genetics</i> , 2014 , 57, 216-9	2.6	12
109	Behavioral and metabolic effects of the atypical antipsychotic ziprasidone on the nematode <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2013 , 8, e74780	3.7	12
108	Lack of effects of typical and atypical antipsychotics in DARPP-32 and NCS-1 levels in PC12 cells overexpressing NCS-1. <i>Journal of Negative Results in BioMedicine</i> , 2010 , 9, 4		12
107	Tx3-4 a toxin from the venom of spider <i>Phoneutria nigriventer</i> blocks calcium channels associated with exocytosis. <i>Neuroscience Letters</i> , 2008 , 439, 170-2	3.3	12
106	Serotonin transporter gene polymorphism (5-HTTLPR) in patients with oral lichen planus. <i>Archives of Oral Biology</i> , 2007 , 52, 889-93	2.8	12
105	Tracking sodium channels in live cells: confocal imaging using fluorescently labeled toxins. <i>Journal of Neuroscience Methods</i> , 2002 , 116, 189-96	3	12
104	HMNC1 gene polymorphism associated with postpartum depression. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 96-7	2.6	12
103	A Reanalysis of Cognitive-Functional Performance in Older Adults: Investigating the Interaction Between Normal Aging, Mild Cognitive Impairment, Mild Alzheimer's Disease Dementia, and Depression. <i>Frontiers in Psychology</i> , 2015 , 6, 2061	3.4	12
102	Bi-hemispheric anodal transcranial direct current stimulation worsens taekwondo-related performance. <i>Human Movement Science</i> , 2019 , 66, 578-586	2.4	11
101	Oxidative stress and aging: correlation with clinical parameters. <i>Aging Clinical and Experimental Research</i> , 2014 , 26, 7-12	4.8	11
100	Cognitive effort and pupil dilation in controlled and automatic processes. <i>Translational Neuroscience</i> , 2015 , 6, 168-173	1.2	11
99	Sociodemographic characteristics, clinical factors, and genetic polymorphisms associated with Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2013 , 28, 640-6	3.9	11
98	The effect of spider toxin PhTx3-4, β -conotoxins MVIIA and MVIIIC on glutamate uptake and on capsaicin-induced glutamate release and $[Ca^{2+}]_i$ in spinal cord synaptosomes. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 277-83	4.6	11


97	DARPP-32 expression in rat brain after an inhibitory avoidance task. <i>Neurochemical Research</i> , 2008 , 33, 2257-62	4.6	11
96	Control of the binding of a vesamicol analog to the vesicular acetylcholine transporter. <i>NeuroReport</i> , 1999 , 10, 2783-7	1.7	11
95	Darpp32. <i>The AFCS-nature Molecule Pages</i> ,		11
94	Lack of association between genetic polymorphism of FTO, AKT1 and AKTIP in childhood overweight and obesity. <i>Jornal De Pediatria</i> , 2016 , 92, 521-7	2.6	11
93	Chronic diseases, cognition, functional decline, and the Charlson index in elderly people with dementia. <i>Revista Da Associação Médica Brasileira</i> , 2013 , 59, 326-34	1.4	10
92	Catechol-O-methyltransferase genetic variant associated with the risk of Alzheimer's disease in a Brazilian population. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012 , 34, 90-5	2.6	10
91	Association between tryptophan hydroxylase-2 gene and late-onset depression. <i>American Journal of Geriatric Psychiatry</i> , 2011 , 19, 825-9	6.5	10
90	Methylphenidate alters NCS-1 expression in rat brain. <i>Neurochemistry International</i> , 2008 , 53, 12-6	4.4	10
89	Stuporous catatonia in an elderly bipolar patient: response to olanzapine. <i>Australian and New Zealand Journal of Psychiatry</i> , 2006 , 40, 498	2.6	10
88	NCS-1 expression in rat brain after electroconvulsive stimulation. <i>Neurochemical Research</i> , 2007 , 32, 81-5	4.6	10
87	Dopamine release evoked by beta scorpion toxin, tityus gamma, in prefrontal cortical slices is mediated by intracellular calcium stores. <i>Cellular and Molecular Neurobiology</i> , 2004 , 24, 757-67	4.6	10
86	Acetylcholine release from rat brain cortical slices evoked by the fraction P4 of the venom of the spider Phoneutria nigriventer has Ca ²⁺ and temperature independent components. <i>Neuroscience Letters</i> , 1996 , 219, 159-62	3.3	10
85	Glycine transporters type 1 inhibitor promotes brain preconditioning against NMDA-induced excitotoxicity. <i>Neuropharmacology</i> , 2015 , 89, 274-81	5.5	9
84	Sarcosine preconditioning induces ischemic tolerance against global cerebral ischemia. <i>Neuroscience</i> , 2014 , 271, 160-9	3.9	9
83	Reduced frequency of T lymphocytes expressing CTLA-4 in frontotemporal dementia compared to Alzheimer's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 48, 1-5	5.5	9
82	Associations between polymorphic variants of the tryptophan hydroxylase 2 gene and obsessive-compulsive disorder. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 176-80	2.6	9
81	Depolarization-evoked GABA release from myenteric plexus is partially coupled to L-, N-, and P/Q-type calcium channels. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 805-11	4.6	9
80	Modulation of Na ⁺ -channels by neurotoxins produces different effects on [3H]ACh release with mobilization of distinct Ca ²⁺ -channels. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 819-26	4.6	9

79	Facial emotion recognition deficits in relatives of children with autism are not associated with 5HTTLPR. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 261-7	2.6	9
78	Facial emotion recognition deficits in relatives of children with autism are not associated with 5HTTLPR. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 261-267	2.6	9
77	A fingerprint of amyloid plaques in a bitransgenic animal model of Alzheimer's disease obtained by statistical unmixing analysis of hyperspectral Raman data. <i>Analyst, The</i> , 2019 , 144, 7049-7056	5	9
76	Phalloidin Spider Toxin Reverses Glial Structural Plasticity Upon Peripheral Inflammation. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 306	6.1	8
75	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. <i>Synapse</i> , 2014 , 68, 474-9	2.4	8
74	Increased frequency of cluster of differentiation 14 (CD14+) monocytes expressing interleukin 1 beta (IL-1 β) in Alzheimer's disease patients and intermediate levels in late-onset depression patients. <i>International Journal of Geriatric Psychiatry</i> , 2014 , 29, 137-43	3.9	8
73	Role of protein kinase C in the release of [³ H]acetylcholine from myenteric plexus treated with vesamicol. <i>Neuroscience Letters</i> , 1998 , 244, 115-7	3.3	8
72	Analgesic and side effects of intravenous recombinant Phalloidin. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020 , 26, e20190070	2.2	8
71	Cylinder Test to Assess Sensory-motor Function in a Mouse Model of Parkinson's Disease. <i>Bio-protocol</i> , 2019 , 9, e3337	0.9	8
70	Automated evaluation of hippocampal subfields volumes in mesial temporal lobe epilepsy and its relationship to the surgical outcome. <i>Epilepsy Research</i> , 2019 , 154, 152-156	3	7
69	Influence of COMT ValMet polymorphism on emotional decision-making: A sex-dependent relationship?. <i>Psychiatry Research</i> , 2016 , 246, 650-655	9.9	7
68	Obsessive-compulsive disorder and 5-HTTLPR. <i>Revista Brasileira De Psiquiatria</i> , 2009 , 31, 287-8	2.6	7
67	Different effects of reducing agents on omega-conotoxin GVIA inhibition of [³ H]-acetylcholine release from rat cortical slices and guinea-pig myenteric plexus. <i>British Journal of Pharmacology</i> , 1997 , 120, 88-92	8.6	7
66	Inhibition of protein kinases prevents lymphocyte activation by <i>Schistosoma mansoni</i> antigens and reduces in vitro [correction of in vivo] granuloma reaction. <i>Immunology Letters</i> , 1998 , 62, 137-43	4.1	7
65	Can variation in aquaporin 4 gene be associated with different outcomes in traumatic brain edema?. <i>Neuroscience Letters</i> , 2007 , 426, 133-4	3.3	7
64	Effect of vesamicol on the release of ATP from cortical synaptosomes. <i>Neuroscience Letters</i> , 1996 , 204, 37-40	3.3	7
63	Decreased expression of DARPP-32 in oral premalignant and malignant lesions. <i>Anticancer Research</i> , 2007 , 27, 2339-43	2.3	7
62	Immune markers in the RASopathy neurofibromatosis type 1. <i>Journal of Neuroimmunology</i> , 2016 , 295-296, 122-9	3.5	6

61	The GAB2 and BDNF polymorphisms and the risk for late-onset Alzheimer's disease in an elderly Brazilian sample. <i>International Psychogeriatrics</i> , 2015 , 27, 1687-92	3.4	6
60	Decreased expression of CCL3 in monocytes and CCR5 in lymphocytes from frontotemporal dementia as compared with Alzheimer's disease patients. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012 , 24, E11-2	2.7	6
59	Downregulation of the cAMP/PKA pathway in PC12 cells overexpressing NCS-1. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 135-43	4.6	6
58	The role of genetic variation of BDNF gene in antidepressant-induced mania in bipolar disorder. <i>Psychiatry Research</i> , 2010 , 180, 54-6	9.9	6
57	Effects of sodium on PKC translocation; relationship to neurotransmitter release. <i>NeuroReport</i> , 1995 , 6, 809-12	1.7	6
56	Postpartum depression symptoms among Amazonian and Northeast Brazilian women. <i>Journal of Affective Disorders</i> , 2016 , 204, 214-8	6.6	6
55	Nonlinear and vibrational microscopy for label-free characterization of amyloid- β plaques in Alzheimer's disease model. <i>Analyst, The</i> , 2021 , 146, 2945-2954	5	6
54	Twenty-four-year demographic trends of a Brazilian long-term care institution for the aged. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 174.e1-6	5.9	5
53	Relationship between neuropsychological and clinical aspects and suicide attempts in euthymic bipolar patients. <i>Psicologia: Reflexao E Critica</i> , 2013 , 26, 160-167	1.1	5
52	Postpartum depression and comorbid disorders: frequency and relevance to clinical management. <i>Archives of Women's Mental Health</i> , 2009 , 12, 451	5	5
51	Cerebral DARPP-32 expression after methylphenidate administration in young and adult rats. <i>International Journal of Developmental Neuroscience</i> , 2009 , 27, 1-7	2.7	5
50	Effect of halothane on the release of $[Ca^{2+}]_i$ in dorsal root ganglion neurons. <i>NeuroReport</i> , 2004 , 15, 1187-90	1.7	5
49	Release of gamma- $[(3)H]$ aminobutyric acid in rat brain cortical slices by alpha-scorpion toxin. <i>Neuroscience Letters</i> , 2002 , 325, 155-8	3.3	5
48	Perfil e análise da produção científica dos pesquisadores brasileiros em Neurociência Clínica. <i>Revista De Psiquiatria Clínica</i> , 2013 , 40, 53-58	0.8	5
47	Use of machine learning to predict cognitive performance based on brain metabolism in Neurofibromatosis type 1. <i>PLoS ONE</i> , 2018 , 13, e0203520	3.7	5
46	Brazilian version of the Cognitive Failures Questionnaire (CFQ): cross-cultural adaptation and evidence of validity and reliability. <i>Revista Brasileira De Psiquiatria</i> , 2018 , 40, 312-315	2.6	5
45	Spinal cord hypometabolism associated with infection by human T-cell lymphotropic virus type 1 (HTLV-1). <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006720	4.8	5
44	Can Eye Fixation During the Grooved Pegboard Test Distinguish Between Planning and Online Correction?. <i>Perceptual and Motor Skills</i> , 2017 , 124, 380-392	2.2	4

43	Association between DCHS2 gene and mild cognitive impairment and Alzheimer's disease in an elderly Brazilian sample. <i>International Journal of Geriatric Psychiatry</i> , 2016 , 31, 1337-1344	3.9	4
42	Lack of association of NALCN genetic variants with schizophrenia. <i>Psychiatry Research</i> , 2011 , 185, 450-2	9.9	4
41	Propriedades psicométricas de um protocolo neuropsicológico breve para uso em populações geriatricas. <i>Revista De Psiquiatria Clinica</i> , 2010 , 37, 251-255	0.8	4
40	Muscarinic regulation of Ca ²⁺ oscillation frequency in GH3 cells. <i>Brain Research</i> , 1999 , 851, 39-45	3.7	4
39	BDNF and episodic memory in patients with bipolar disorder. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 96-7	2.6	4
38	Lack of Association between Genetic Polymorphism of Circadian Genes (PER2, PER3, CLOCK and OX2R) with Late Onset Depression and Alzheimer's Disease in a Sample of a Brazilian Population (Circadian Genes, Late-Onset Depression and Alzheimer's Disease). <i>Current Alzheimer Research</i> , 2016 , 13, 1337-1406	3	4
37	Psychometric properties of a Brazilian Portuguese version of the Children's Revised Impact of Event Scale (CRIES-8). <i>Revista De Psiquiatria Clinica</i> , 2018 , 45, 27-32	0.8	4
36	Transcranial Direct Current Stimulation (tDCS) in Mice. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	4
35	A proposal for a new Brazilian six-item version of the Edinburgh Postnatal Depression Scale. <i>Trends in Psychiatry and Psychotherapy</i> , 2017 , 39, 29-33	2.3	3
34	Cathodal tDCS of the Left Posterior Parietal Cortex Increases Proprioceptive Drift. <i>Journal of Motor Behavior</i> , 2019 , 51, 272-280	1.4	3
33	Investigation on the Attention Deficit Hyperactivity Disorder Effect on Infatuation and Impulsivity in Adolescents. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 137	3.5	3
32	TRANSCRANIAL DIRECT CURRENT STIMULATION AND MANUAL ASYMMETRIES: THE EFFECT OF THE STIMULATION ON THE MANUAL DEXTERITY. <i>Journal of Physical Education (Maringa)</i> , 2017 , 28,	0.6	3
31	Tityustoxin-induced release of ATP from rat brain cortical synaptosomes. <i>Neuroscience Letters</i> , 1997 , 229, 113-6	3.3	3
30	Expression of D3 and D4 dopamine receptors in leukocytes is related to schizophrenic symptoms. <i>Schizophrenia Research</i> , 2005 , 80, 363-5	3.6	3
29	Exocytotic release of [3H]-acetylcholine by ouabain involves intracellular Ca ²⁺ stores in rat brain cortical slices. <i>Cellular and Molecular Neurobiology</i> , 2003 , 23, 917-27	4.6	3
28	Inhibition of K ⁺ channel activity by 4-AP stimulates N-type Ca ²⁺ channels in CHP-100 cells. <i>NeuroReport</i> , 1994 , 5, 1256-8	1.7	3
27	Association between the catechol-O-methyltransferase (COMT) Val158Met polymorphism and manual aiming control in healthy subjects. <i>PLoS ONE</i> , 2014 , 9, e99698	3.7	3
26	Síndrome de Cotard associada ao uso de ecstasy. <i>Jornal Brasileiro De Psiquiatria</i> , 2007 , 56, 64-66	0.5	3

25	Protein synthesis is associated with high-speed dynamics and broad-band stability of functional hubs in the brain. <i>NeuroImage</i> , 2017 , 155, 209-216	7.9	2
24	Fractal fluctuations in exploratory movements predict differences in dynamic touch capabilities between children with Attention-Deficit Hyperactivity Disorder and typical development. <i>PLoS ONE</i> , 2019 , 14, e0217200	3.7	2
23	The effect of calcium channels blockers in the K ⁺ -evoked release of [3H]adenine nucleotides from rat brain cortical synaptosomes. <i>Neuroscience Letters</i> , 1998 , 258, 57-9	3.3	2
22	"I want it all, I want it all, I want it all, and I want it now!" Is higher impulsivity associated with higher satisfaction with life?. <i>Revista Brasileira De Psiquiatria</i> , 2019 , 41, 459-460	2.6	2
21	Estudos de associaçã entre transtorno obsessivo-compulsivo e genes candidatos: uma revisã. <i>Jornal Brasileiro De Psiquiatria</i> , 2006 , 55, 288-295	0.5	2
20	Research on serotonin and suicidal behavior: neuroendocrine and molecular approaches. <i>Dialogues in Clinical Neuroscience</i> , 2002 , 4, 408-16	5.7	2
19	Cognitive impairment in the HTLV-1 infection: a comparative study associated with functional performance. <i>Journal of NeuroVirology</i> , 2020 , 1	3.9	2
18	COMT Val(158)Met Polymorphism Is Associated with Verbal Working Memory in Neurofibromatosis Type 1. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 334	3.3	2
17	The Extreme Climate Event Database (EXCEED): Development of a picture database composed of drought and flood stimuli. <i>PLoS ONE</i> , 2018 , 13, e0204093	3.7	2
16	Neurochemical abnormalities in the hippocampus of male rats displaying audiogenic seizures, a genetic model of epilepsy. <i>Neuroscience Letters</i> , 2021 , 761, 136123	3.3	2
15	A genetic profile of refractory individuals with major depressive disorder and their responsiveness to transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2020 , 13, 1091-1093	5.1	1
14	Contribution of neuronal calcium sensor 1 (Ncs-1) to anxiolytic-like and social behavior mediated by valproate and Gsk3 inhibition. <i>Scientific Reports</i> , 2020 , 10, 4566	4.9	1
13	Impairment of motor but not anxiety-like behavior caused by the increase of dopamine during development is sustained in zebrafish larvae at later stages. <i>International Journal of Developmental Neuroscience</i> , 2020 , 80, 106-122	2.7	1
12	Molecular medicine: a path towards a personalized medicine. <i>Revista Brasileira De Psiquiatria</i> , 2012 , 34, 82-91	2.6	1
11	Inhibitory avoidance task does not change NCS-1 level in rat brain. <i>Brain Research Bulletin</i> , 2010 , 82, 289-300	3.9	1
10	Development of a natural molluscicide prototype kit (MoluSchall) for the control of schistosomiasis mansoni transmission. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2019 , 52, e20190252	1.5	1
9	Population stratification in European South-American subjects and its importance to psychiatric genetics research in Brazil. <i>Revista Brasileira De Psiquiatria</i> , 2010 , 32, 93-4	2.6	1
8	Extreme Climate Related Disasters: two-time points evaluation of the impact in children and youth mental health		1

- 7 Micro-Raman spectroscopy of lipid halo and dense-core amyloid plaques: aging process characterization in the Alzheimer β disease APPswePS1E9 mouse model. *Analyst, The*, **2021**, 146, 6014-6025 ⁵ 
- 6 The abbreviated version of the Barratt Impulsiveness Scale (ABIS): Psychometric analysis, reliable change indexes in clinical practice and normative data. *Psychiatry Research*, **2020**, 291, 113120 9.9
- 5 P.1.a.002 Glial cell-derived neurotrophic family (GFR) alpha 1 receptor polymorphisms and weight change during clozapine treatment. *European Neuropsychopharmacology*, **2008**, 18, S203-S204 1.2
- 4 Correction of image instability in confocal microscopy using image realignment. Effects on the analysis of intracellular calcium. *Cell Calcium*, **2004**, 35, 79-85 4
- 3 Fisiopatologia dos Transtornos Psiquiátricos. *Revista Brasileira De Psiquiatria*, **2007**, 29, 386-386 2.6
- 2 Confirmatory factor analysis of the general activities of daily living scale: further evidences of internal validity. *Revista Brasileira De Psiquiatria*, **2017**, 39, 379-380 2.6
- 1 Progress in Genetic Studies of Schizophrenia **2010**, 233-248