

Renan P. Souza

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

2,567
citations

257450

24
h-index

254184

43
g-index

125
all docs

125
docs citations

125
times ranked

4897
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020, 369, 1255-1260.	12.6	454
2	Association of functional variants in the dopamine D2-like receptors with risk for gambling behaviour in healthy Caucasian subjects. <i>Biological Psychology</i> , 2010, 85, 33-37.	2.2	105
3	Polymorphisms of the <i>HTR2C</i> gene and antipsychotic-induced weight gain: an update and meta-analysis. <i>Pharmacogenomics</i> , 2010, 11, 1561-1571.	1.3	99
4	A Common Polymorphism in the Cannabinoid Receptor 1 (CNR1) Gene is Associated with Antipsychotic-Induced Weight Gain in Schizophrenia. <i>Neuropsychopharmacology</i> , 2010, 35, 1315-1324.	5.4	95
5	The role of brain-derived neurotrophic factor (BDNF) gene variants in antipsychotic response and antipsychotic-induced weight gain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 96-101.	4.8	61
6	Schizophrenia severity and clozapine treatment outcome association with oxytocinergic genes. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 793-798.	2.1	60
7	Pharmacogenomic study of side-effects for antidepressant treatment options in STAR*D. <i>Psychological Medicine</i> , 2012, 42, 1151-1162.	4.5	60
8	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.	12.8	59
9	Association study of GSK3 gene polymorphisms with schizophrenia and clozapine response. <i>Psychopharmacology</i> , 2008, 200, 177-186.	3.1	58
10	Systematic analysis of dopamine receptor genes (DRD1-DRD5) in antipsychotic-induced weight gain. <i>Pharmacogenomics Journal</i> , 2012, 12, 156-164.	2.0	54
11	Genetic association study between antipsychotic-induced weight gain and the melanocortin-4 receptor gene. <i>Pharmacogenomics Journal</i> , 2013, 13, 272-279.	2.0	49
12	Association of the α 2A adrenergic receptor -1291C/G polymorphism and antipsychotic-induced weight gain in European-Americans. <i>Pharmacogenomics</i> , 2009, 10, 1169-1176.	1.3	48
13	Variants in the oxytocin gene and risk for schizophrenia. <i>Schizophrenia Research</i> , 2010, 121, 279-280.	2.0	46
14	Genome-wide association study of patient-rated and clinician-rated global impression of severity during antipsychotic treatment. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 69-77.	1.5	43
15	Influence of serotonin 3A and 3B receptor genes on clozapine treatment response in schizophrenia. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 274-276.	1.5	41
16	Genome-wide pharmacogenomic study of citalopram-induced side effects in STAR*D. <i>Translational Psychiatry</i> , 2012, 2, e129-e129.	4.8	41
17	Pharmacogenetics of anxiolytic drugs. <i>Journal of Neural Transmission</i> , 2009, 116, 667-677.	2.8	39
18	Genetic association of the GDNF alpha-receptor genes with schizophrenia and clozapine response. <i>Journal of Psychiatric Research</i> , 2010, 44, 700-706.	3.1	39

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19	Dopamine D4 and D5 receptor gene variant effects on clozapine response in schizophrenia: Replication and exploration. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 62-75.	4.8	34
20	Reduced prefrontal cortex DARPP-32 mRNA in completed suicide victims with schizophrenia. <i>Schizophrenia Research</i> , 2008, 103, 192-200.	2.0	33
21	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, 1848-1853.	4.8	32
22	Inhibition of Tityus serrulatus venom hyaluronidase affects venom biodistribution. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007048.	3.0	32
23	Association between ACE2 and TMPRSS2 nasopharyngeal expression and COVID-19 respiratory distress. <i>Scientific Reports</i> , 2021, 11, 9658.	3.3	30
24	Field and classroom initiatives for portable sequence-based monitoring of dengue virus in Brazil. <i>Nature Communications</i> , 2021, 12, 2296.	12.8	29
25	Is DARPP-32 a potential therapeutic target?. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 1649-1661.	3.4	28
26	Glutathione S-Transferase Variants in a Brazilian Population. <i>Pharmacology</i> , 2009, 83, 231-236.	2.2	26
27	Association study between variants of AMP-activated protein kinase catalytic and regulatory subunit genes with antipsychotic-induced weight gain. <i>Journal of Psychiatric Research</i> , 2012, 46, 462-468.	3.1	26
28	Characterization of MicroRNA Expression Profiles and Identification of Potential Biomarkers in Leprosy. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1516-1525.	3.9	24
29	Spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals. <i>Nature Medicine</i> , 2022, 28, 1476-1485.	30.7	24
30	Gene-gene interaction analyses between NMDA receptor subunit and dopamine receptor gene variants and clozapine response. <i>Pharmacogenomics</i> , 2011, 12, 277-291.	1.3	22
31	Behavioral metabolomics analysis identifies novel neurochemical signatures in methamphetamine sensitization. <i>Genes, Brain and Behavior</i> , 2013, 12, 780-791.	2.2	22
32	Age at onset in Canadian Schizophrenia patients: Admixture analysis. <i>Schizophrenia Research</i> , 2010, 122, 278-279.	2.0	21
33	Effects of primaquine and chloroquine on oxidative stress parameters in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1487-1496.	0.8	21
34	Does cell phone use increase the chances of parotid gland tumor development? A systematic review and meta-analysis. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 480-483.	2.7	20
35	DARPP-32 expression in rat brain after electroconvulsive stimulation. <i>Brain Research</i> , 2007, 1179, 35-41.	2.2	18
36	Chronic exposure to cigarette smoke during gestation results in altered cholinesterase enzyme activity and behavioral deficits in adult rat offspring: Potential relevance to schizophrenia. <i>Journal of Psychiatric Research</i> , 2013, 47, 740-746.	3.1	18

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37	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.	1.4	17
38	Parent of origin effect and allelic expression imbalance of the serotonin transporter in bipolar disorder and suicidal behaviour. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 533-538.	3.2	17
39	Dopaminergic intracellular signal integrating proteins: relevance to schizophrenia. <i>Dialogues in Clinical Neuroscience</i> , 2006, 8, 95-100.	3.7	17
40	Blockade of interleukin seventeen (IL-17A) with secukinumab in hospitalized COVID-19 patients – the BISHOP study. <i>Infectious Diseases</i> , 2022, 54, 591-599.	2.8	17
41	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, 676-679.	1.5	16
42	Influence of neurexin 1 (NRXN1) polymorphisms in clozapine response. <i>Human Psychopharmacology</i> , 2010, 25, 582-585.	1.5	16
43	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
44	Botulinum Toxin for Vaginismus Treatment. <i>Pharmacology</i> , 2012, 89, 256-259.	2.2	15
45	Systematic review of host genetic association with Covid-19 prognosis and susceptibility: What have we learned in 2020?. <i>Reviews in Medical Virology</i> , 2022, 32, e2283.	8.3	15
46	Pharmacogenetics of antipsychotic treatment response and side effects. <i>Therapy: Open Access in Clinical Medicine</i> , 2010, 7, 191-198.	0.2	14
47	Association study of the GSK-3B gene with tardive dyskinesia in European Caucasians. <i>European Neuropsychopharmacology</i> , 2010, 20, 688-694.	0.7	14
48	Association study of <i>GRIK1</i> gene polymorphisms in schizophrenia: case-control and family-based studies. <i>Human Psychopharmacology</i> , 2012, 27, 345-351.	1.5	14
49	Analysis of CpG SNPs in 34 genes: Association test with suicide attempt in schizophrenia. <i>Schizophrenia Research</i> , 2013, 147, 262-268.	2.0	14
50	Sociodemographic characteristics, clinical factors, and genetic polymorphisms associated with Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 640-646.	2.7	14
51	Epidemic Spread of SARS-CoV-2 Lineage B.1.1.7 in Brazil. <i>Viruses</i> , 2021, 13, 984.	3.3	14
52	Methylphenidate alters NCS-1 expression in rat brain. <i>Neurochemistry International</i> , 2008, 53, 12-16.	3.8	13
53	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
54	Cell phone use is associated with an inflammatory cytokine profile of parotid gland saliva. <i>Journal of Oral Pathology and Medicine</i> , 2016, 45, 682-686.	2.7	13

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55	Disentangling the Environmental Factors That Shape Genetic and Phenotypic Leaf Trait Variation in the Tree <i>Qualea grandiflora</i> Across the Brazilian Savanna. <i>Frontiers in Plant Science</i> , 2019, 10, 1580.	3.6	13
56	Algorithm for predicting low maintenance doses of warfarin using age and polymorphisms in genes CYP2C9 and VKORC1 in Brazilian subjects. <i>Pharmacogenomics Journal</i> , 2020, 20, 104-113.	2.0	13
57	Behavioral plasticity and gene regulation in the brain during an intermittent ethanol exposure in adult zebrafish population. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 192, 172909.	2.9	13
58	Meta-analysis of dopamine receptor D1 rs4532 polymorphism and susceptibility to antipsychotic treatment response. <i>Psychiatry Research</i> , 2015, 229, 586-588.	3.3	12
59	Darpp32. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	12
60	DARPP-32 Expression in Rat Brain After an Inhibitory Avoidance Task. <i>Neurochemical Research</i> , 2008, 33, 2257-2262.	3.3	11
61	Cerebral DARPP-32 expression after methylphenidate administration in young and adult rats. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 1-7.	1.6	11
62	Definition of Late Onset Alzheimer's Disease and Anticipation Effect of Genome-Wide Significant Risk Variants: Pilot Study of the APOE e4 Allele. <i>Neuropsychobiology</i> , 2019, 77, 8-12.	1.9	11
63	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
64	Delta Variant of SARS-CoV-2 Replacement in Brazil: A National Epidemiologic Surveillance Program. <i>Viruses</i> , 2022, 14, 847.	3.3	11
65	NCS-1 Expression in Rat Brain after Electroconvulsive Stimulation. <i>Neurochemical Research</i> , 2006, 32, 81-85.	3.3	10
66	Genetic interactions in the adrenergic system genes: analysis of antipsychotic-induced weight gain. <i>Human Psychopharmacology</i> , 2011, 26, 386-391.	1.5	10
67	Cohesin subunits, <i>STAG1</i> and <i>STAG2</i> , and cohesin regulatory factor, <i>PDS5b</i> , in oral squamous cells carcinomas. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 188-193.	2.7	10
68	IFITM3, FURIN, ACE1, and TNF- α Genetic Association With COVID-19 Outcomes: Systematic Review and Meta-Analysis. <i>Frontiers in Genetics</i> , 2022, 13, 775246.	2.3	10
69	Parent of origin effect and differential allelic expression of BDNF Val66Met in suicidal behaviour. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 42-47.	2.6	9
70	Genetic Underpinnings of Neuroticism: A Replication Study. <i>Journal of Addiction Research & Therapy</i> , 2012, 03, .	0.2	9
71	MDR1 gene in tardive dyskinesia scale scores: Comparison of strategies for quantitative trait haplotype analysis. <i>Schizophrenia Research</i> , 2009, 110, 200-201.	2.0	8
72	Cocaine and amphetamine regulated transcript (CART) gene in the comorbidity of schizophrenia with alcohol use disorders and nicotine dependence. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 834-836.	4.8	8

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73	Downregulation of the cAMP/PKA Pathway in PC12 Cells Overexpressing NCS-1. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 135-143.	3.3	8
74	Finite mixture regression model analysis on antipsychotics induced weight gain: Investigation of the role of the serotonergic genes. <i>European Neuropsychopharmacology</i> , 2013, 23, 224-228.	0.7	8
75	The role of tyrosine hydroxylase gene variants in suicide attempt in schizophrenia. <i>Neuroscience Letters</i> , 2014, 559, 39-43.	2.1	8
76	Glial cell line-derived neurotrophic factor receptor alpha 2 (GFRA2) gene is associated with tardive dyskinesia. <i>Psychopharmacology</i> , 2010, 210, 347-354.	3.1	7
77	Association between <i>DCHS2</i> 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.	2.7	7
78	Non-genetic factors and polymorphisms in genes CYP2C9 and VKORC1: predictive algorithms for TTR in Brazilian patients on warfarin. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 199-209.	1.9	7
79	Common Dysregulation of Innate Immunity Pathways in Human Primary Astrocytes Infected With Chikungunya, Mayaro, Oropouche, and Zika Viruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 641261.	3.9	7
80	Dengue virus infection induces inflammation and oxidative stress on the heart. <i>Heart</i> , 2022, 108, 388-396.	2.9	7
81	Lack of association between HTR4 gene polymorphisms and schizophrenia in case-control and family-based samples. <i>Psychiatry Research</i> , 2010, 175, 176-178.	3.3	6
82	Are serotonin 3A and 3B receptor genes associated with suicidal behavior in schizophrenia subjects?. <i>Neuroscience Letters</i> , 2011, 489, 137-141.	2.1	6
83	Lack of association of NALCN genetic variants with schizophrenia. <i>Psychiatry Research</i> , 2011, 185, 450-452.	3.3	6
84	Genotype-Based Ancestral Background Consistently Predicts Efficacy and Side Effects across Treatments in CATIE and STAR*D. <i>PLoS ONE</i> , 2013, 8, e55239.	2.5	6
85	Cannabinoid receptor gene polymorphisms and cognitive performance in patients with schizophrenia and controls. <i>Revista Brasileira De Psiquiatria</i> , 2021, , .	1.7	6
86	Biosafety in Dental Health Care During the COVID-19 Pandemic: A Longitudinal Study. <i>Frontiers in Oral Health</i> , 2022, 3, .	3.0	6
87	Summary of the 1st Schizophrenia International Research Society Conference oral sessions, Venice, Italy, June 21-25, 2008: The rapporteur reports. <i>Schizophrenia Research</i> , 2008, 105, 289-383.	2.0	5
88	Prolactin as a biomarker for treatment response and tardive dyskinesia in schizophrenia subjects: old thoughts revisited from a genetic perspective. <i>Human Psychopharmacology</i> , 2011, 26, 21-27.	1.5	5
89	Investigation of melanocortin system gene variants in antipsychotic-induced weight gain. <i>World Journal of Biological Psychiatry</i> , 2014, 15, 251-258.	2.6	5
90	Protocol of a clinical trial study involving educational intervention in patients treated with warfarin. <i>Medicine (United States)</i> , 2019, 98, e15829.	1.0	5

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91	Phosphodiesterase 4B genetic variants are not associated with antipsychotic-induced tardive dyskinesia. <i>International Clinical Psychopharmacology</i> , 2010, 25, 264-269.	1.7	4
92	Effect of cigarette smoke exposure in the behavioral changes induced by ketamine. <i>Schizophrenia Research</i> , 2012, 141, 104-105.	2.0	4
93	Lip cancer and pre-cancerous lesions harbor TP53 mutations, exhibit allelic loss at 9p, 9q, and 17p, but no BRAFV600E mutations. <i>Tumor Biology</i> , 2015, 36, 9059-9066.	1.8	4
94	Effects of aging on DNA hydroxymethylation and methylation in human dental follicles. <i>Archives of Oral Biology</i> , 2020, 118, 104856.	1.8	4
95	Early postnatal l-Dopa treatment causes behavioral alterations in female vs. male young adult Swiss mice. <i>Neuropharmacology</i> , 2020, 170, 108047.	4.1	4
96	Seroprevalence, Prevalence, and Genomic Surveillance: Monitoring the Initial Phases of the SARS-CoV-2 Pandemic in Betim, Brazil. <i>Frontiers in Microbiology</i> , 2022, 13, 799713.	3.5	4
97	Admixture analysis of Age at Onset in Schizophrenia: Genetic Association Study of 45 candidate loci. <i>Schizophrenia Research</i> , 2012, 134, 288-290.	2.0	3
98	Lack of association between dopamine- β hydroxylase gene and a history of suicide attempt in schizophrenia. <i>Psychiatric Genetics</i> , 2014, 24, 110-115.	1.1	3
99	DNA damage after chronic oxytocin administration in rats: a safety yellow light?. <i>Metabolic Brain Disease</i> , 2017, 32, 51-55.	2.9	3
100	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.	1.6	3
101	Genetic association of the PERIOD3 (PER3) Clock gene with extreme obesity. <i>Obesity Research and Clinical Practice</i> , 2021, 15, 334-338.	1.8	3
102	â€œGSK3B and schizophrenia: a case not closedâ€reply. <i>Psychopharmacology</i> , 2010, 208, 335-336.	3.1	2
103	Variation of rs3754689 at lactase gene and inhibitors in admixed Brazilian patients with hemophilia A. <i>Haematologica</i> , 2019, 104, e527-e529.	3.5	2
104	Factors associated with nonadherence to the use of coumarin derivatives or direct oral anticoagulants: A systematic review of observational studies. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 4688-4707.	2.4	2
105	Inhibitory avoidance task does not change NCS-1 level in rat brain. <i>Brain Research Bulletin</i> , 2010, 82, 289-292.	3.0	1
106	Genetic Studies in Treatment-Resistant Schizophrenia. <i>Advances in Biological Psychiatry</i> , 2010, , 52-62.	0.2	1
107	P.1.c.065 Neuroprotection signalling after electroconvulsive stimulation. <i>European Neuropsychopharmacology</i> , 2010, 20, S272.	0.7	0
108	Biosafety in Dental Health Care During Covid-19 Pandemic: A Longitudinal Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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109	Progress in Genetic Studies of Schizophrenia. , 2010, , 233-248.		0
110	Abstract 4067: Cell phone use is associated with an inflammatory cytokine profile of parotid gland saliva. , 2016, , .		0