Sintia I Belangero

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3553961/publications.pdf

Version: 2024-02-01

106 papers	4,176 citations	257101 24 h-index	155451 55 g-index
111 all docs	111 docs citations	111 times ranked	6416 citing authors

#	Article	IF	Citations
1	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	13.5	935
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
3	The theory of bipolar disorder as an illness of accelerated aging: Implications for clinical care and research. Neuroscience and Biobehavioral Reviews, 2014, 42, 157-169.	2.9	146
4	Early life adversity, genomic plasticity, and psychopathology. Lancet Psychiatry,the, 2014, 1, 461-466.	3.7	118
5	Impact of peripheral levels of chemokines, BDNF and oxidative markers on cognition in individuals with schizophrenia. Journal of Psychiatric Research, 2013, 47, 1376-1382.	1.5	84
6	Stress-related telomere length in children: A systematic review. Journal of Psychiatric Research, 2017, 92, 47-54.	1.5	81
7	Effects of Risperidone on Cytokine Profile in Drug-Naive First-Episode Psychosis. International Journal of Neuropsychopharmacology, 2015, 18, pyu042-pyu042.	1.0	77
8	Polygenic Risk Score for Alzheimerâ€™s Disease: Implications for Memory Performance and Hippocampal Volumes in Early Life. American Journal of Psychiatry, 2018, 175, 555-563.	4.0	75
9	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	7.1	75
10	Activation of the immune-inflammatory response system and the compensatory immune-regulatory system in antipsychotic naive first episode psychosis. European Neuropsychopharmacology, 2019, 29, 416-431.	0.3	67
11	Depression, Cytokine, and Cytokine by Treatment Interactions Modulate Gene Expression in Antipsychotic NaÃ¯ve First Episode Psychosis. Molecular Neurobiology, 2016, 53, 5701-5709.	1.9	59
12	Reduced dorso-lateral prefrontal cortex in treatment resistant schizophrenia. Schizophrenia Research, 2013, 148, 81-86.	1.1	55
13	Oxidative stress in drug naÃ¯ve first episode psychosis and antioxidant effects of risperidone. Journal of Psychiatric Research, 2015, 68, 210-216.	1.5	51
14	Ring chromosome instability evaluation in six patients with autosomal rings. Genetics and Molecular Research, 2010, 9, 134-143.	0.3	50
15	Polygenic risk score analyses of symptoms and treatment response in an antipsychotic-naive first episode of psychosis cohort. Translational Psychiatry, 2018, 8, 174.	2.4	49
16	Effects of depression on the cytokine profile in drug naÃ¯ve first-episode psychosis. Schizophrenia Research, 2015, 164, 53-58.	1.1	48
17	Factor structure of the Positive and Negative Syndrome Scale (PANSS) in Brazil: convergent validation of the Brazilian version. Revista Brasileira De Psiquiatria, 2014, 36, 336-339.	0.9	42
18	Association of biomarkers and depressive symptoms in schizophrenia. Neuroscience Letters, 2011, 505, 282-285.	1.0	38

#	Article	IF	Citations
19	Changes in gene expression and methylation in the blood of patients with first-episode psychosis. Schizophrenia Research, 2014, 159, 358-364.	1.1	35
20	DRD1 rs4532 polymorphism: A potential pharmacogenomic marker for treatment response to antipsychotic drugs. Schizophrenia Research, 2012, 142, 206-208.	1.1	34
21	Lowered paraoxonase 1 (PON1) activity is associated with increased cytokine levels in drug naÃ¯ve first episode psychosis. Schizophrenia Research, 2015, 166, 225-230.	1.1	34
22	Circulating levels of sTNFR1 as a marker of severe clinical course in schizophrenia. Journal of Psychiatric Research, 2013, 47, 467-471.	1.5	32
23	Dissecting the genetic association of C-reactive protein with PTSD, traumatic events, and social support. Neuropsychopharmacology, 2021, 46, 1071-1077.	2.8	32
24	Long Sleep Duration, Insomnia, and Insomnia With Short Objective Sleep Duration Are Independently Associated With Short Telomere Length. Journal of Clinical Sleep Medicine, 2018, 14, 2037-2045.	1.4	30
25	Structural covariance in schizophrenia and first-episode psychosis: An approach based on graph analysis. Journal of Psychiatric Research, 2015, 71, 89-96.	1.5	28
26	The effect of the severity of obstructive sleep apnea syndrome on telomere length. Oncotarget, 2016, 7, 69216-69224.	0.8	27
27	Gene expression alterations related to mania and psychosis in peripheral blood of patients with a first episode of psychosis. Translational Psychiatry, 2016, 6, e908-e908.	2.4	26
28	Catechol-O-methyltransferase (COMT) polymorphisms modulate working memory in individuals with schizophrenia and healthy controls. Revista Brasileira De Psiquiatria, 2017, 39, 302-308.	0.9	26
29	Chromosomal and molecular abnormalities in a group of Brazilian infertile men with severe oligozoospermia or non-obstructive azoospermia attending an infertility service. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2011, 37, 244-251.	0.7	25
30	Shorter leukocyte telomere length in patients at ultra high risk for psychosis. European Neuropsychopharmacology, 2017, 27, 538-542.	0.3	25
31	Gene expression in blood of children and adolescents: Mediation between childhood maltreatment and major depressive disorder. Journal of Psychiatric Research, 2017, 92, 24-30.	1.5	25
32	Leukocyte telomere length variation in different stages of schizophrenia. Journal of Psychiatric Research, 2018, 96, 218-223.	1.5	25
33	Genome-wide association study reveals two novel risk alleles for incident obstructive sleep apnea in the EPISONO cohort. Sleep Medicine, 2020, 66, 24-32.	0.8	25
34	A systematic review on the effects of social discrimination on telomere length. Psychoneuroendocrinology, 2020, 120, 104766.	1.3	25
35	Pure duplication 1q41â€qter: Further delineation of trisomy 1q syndromes. American Journal of Medical Genetics, Part A, 2008, 146A, 2663-2667.	0.7	24
36	Increased expression of NDEL1 and MBP genes in the peripheral blood of antipsychotic-naÃ¯ve patients with first-episode psychosis. European Neuropsychopharmacology, 2015, 25, 2416-2425.	0.3	23

#	Article	IF	Citations
37	Accessing Gene Expression in Treatment-Resistant Schizophrenia. Molecular Neurobiology, 2018, 55, 7000-7008.	1.9	23
38	Genetic risk for Alzheimer's disease and functional brain connectivity in children and adolescents. Neurobiology of Aging, 2019, 82, 10-17.	1.5	23
39	Investigating 22q11.2 Deletion and Other Chromosomal Aberrations in Fetuses With Heart Defects Detected by Prenatal Echocardiography. Pediatric Cardiology, 2010, 31, 1146-1150.	0.6	22
40	Effect of antipsychotic drugs on gene expression in the prefrontal cortex and nucleus accumbens in the spontaneously hypertensive rat (SHR). Schizophrenia Research, 2014, 157, 163-168.	1.1	22
41	Heterotypic trajectories of dimensional psychopathology across the lifespan: the case of youthâ€onset attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 533-544.	3.1	20
42	ACE I/D genotype-related increase in ACE plasma activity is a better predictor for schizophrenia diagnosis than the genotype alone. Schizophrenia Research, 2015, 164, 109-114.	1.1	19
43	Singleâ€nucleotide polymorphisms in genes related to the hypothalamicâ€pituitaryâ€adrenal axis as risk factors for posttraumatic stress disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 671-682.	1.1	19
44	ZDHHC8 gene may play a role in cortical volumes of patients with schizophrenia. Schizophrenia Research, 2013, 145, 33-35.	1.1	18
45	An integrative approach to investigate the respective roles of single-nucleotide variants and copy-number variants in Attention-Deficit/Hyperactivity Disorder. Scientific Reports, 2016, 6, 22851.	1.6	18
46	Investigating brain structural patterns in first episode psychosis and schizophrenia using MRI and a machine learning approach. Psychiatry Research - Neuroimaging, 2018, 275, 14-20.	0.9	18
47	Is there an association between cortical thickness, age of onset, and duration of illness in schizophrenia?. CNS Spectrums, 2013, 18, 315-321.	0.7	17
48	Applying polygenic risk scoring for psychiatric disorders to a large family with bipolar disorder and major depressive disorder. Communications Biology, 2018, 1, 163.	2.0	17
49	Gene expression over the course of schizophrenia: from clinical high-risk for psychosis to chronic stages. NPJ Schizophrenia, 2019, 5, 5.	2.0	16
50	Atypical 22q11.2 deletion in a patient with DGS/VCFS spectrum. European Journal of Medical Genetics, 2008, 51, 226-230.	0.7	15
51	Hair cortisol in drug-naÃ¯ve first-episode individuals with psychosis. Revista Brasileira De Psiquiatria, 2016, 38, 11-16.	0.9	15
52	The role of the CNR1 gene in schizophrenia: a systematic review including unpublished data. Revista Brasileira De Psiquiatria, 2017, 39, 160-171.	0.9	15
53	PRODH Polymorphisms, Cortical Volumes and Thickness in Schizophrenia. PLoS ONE, 2014, 9, e87686.	1.1	14
54	Gene expression analysis in blood of ultra-high risk subjects compared to first-episode of psychosis patients and controls. World Journal of Biological Psychiatry, 2015, 16, 441-446.	1.3	14

#	Article	IF	Citations
55	Ndel1 oligopeptidase activity as a potential biomarker of early stages of schizophrenia. Schizophrenia Research, 2019, 208, 202-208.	1.1	14
56	Socioeconomic Disadvantage Moderates the Association between Peripheral Biomarkers and Childhood Psychopathology. PLoS ONE, 2016, 11, e0160455.	1.1	14
57	Breakpoint mapping in a case of mosaicism with partial monosomy 9p23 â†' pter and partial trisomy 1q41 â†' qter suggests neo-telomere formation in stabilizing the deleted chromosome. American Journal of Medical Genetics, Part A, 2006, 140A, 82-87.	0.7	13
58	Evaluation of neurotransmitter receptor gene expression identifies GABA receptor changes: A follow-up study in antipsychotic-naÃ¯ve patients with first-episode psychosis. Journal of Psychiatric Research, 2014, 56, 130-136.	1.5	13
59	Detecting multiple differentially methylated CpG sites and regions related to dimensional psychopathology in youths. Clinical Epigenetics, 2019, 11, 146.	1.8	13
60	Assessment of 22q11.2 copy number variations in a sample of Brazilian schizophrenia patients. Schizophrenia Research, 2011, 132, 99-100.	1.1	12
61	BDNF in antipsychotic naive first episode psychosis: Effects of risperidone and the immune-inflammatory response system. Journal of Psychiatric Research, 2021, 141, 206-213.	1.5	12
62	Neurotransmitter receptor and regulatory gene expression in peripheral blood of Brazilian drug-naÃ¯ve first-episode psychosis patients before and after antipsychotic treatment. Psychiatry Research, 2013, 210, 1290-1292.	1.7	11
63	Identification of Suitable Reference Genes for Gene Expression Studies of Shoulder Instability. PLoS ONE, 2014, 9, e105002.	1.1	11
64	Gene expression analysis in patients with traumatic anterior shoulder instability suggests deregulation of collagen genes. Journal of Orthopaedic Research, 2014, 32, 1311-1316.	1.2	11
65	Expression profile of neurotransmitter receptor and regulatory genes in the prefrontal cortex of spontaneously hypertensive rats: Relevance to neuropsychiatric disorders. Psychiatry Research, 2014, 219, 674-679.	1.7	11
66	Low expression of Gria1 and Grin1 glutamate receptors in the nucleus accumbens of Spontaneously Hypertensive Rats (SHR). Psychiatry Research, 2015, 229, 690-694.	1.7	11
67	Effects of the brain-derived neurotropic factor variant Val66Met on cortical structure in late childhood and early adolescence. Journal of Psychiatric Research, 2018, 98, 51-58.	1.5	11
68	Effect of male-specific childhood trauma on telomere length. Journal of Psychiatric Research, 2018, 107, 104-109.	1.5	11
69	Posttraumatic Stress Disorder and Neuroprogression in Women Following Sexual Assault: Protocol for a Randomized Clinical Trial Evaluating Allostatic Load and Aging Process Acceleration. JMIR Research Protocols, 2020, 9, e19162.	0.5	11
70	The UFD1L rs5992403 polymorphism is associated with age at onset of schizophrenia. Journal of Psychiatric Research, 2010, 44, 1113-1115.	1.5	10
71	Subtelomeric rearrangements and copy number variations in people with intellectual disabilities. Journal of Intellectual Disability Research, 2010, 54, 938-942.	1.2	10
72	Genome-wide investigation of schizophrenia associated plasma Ndel1 enzyme activity. Schizophrenia Research, 2016, 172, 60-67.	1.1	10

#	Article	IF	Citations
73	Perinatal complications, lipid peroxidation, and mental health problems in a large community pediatric sample. European Child and Adolescent Psychiatry, 2017, 26, 521-529.	2.8	10
74	Diversity matters: opportunities in the study of the genetics of psychotic disorders in low- and middle-income countries in Latin America. Revista Brasileira De Psiquiatria, 2021, 43, 631-637.	0.9	10
75	Inflammation, neurotrophism and oxidative stress and childhood psychopathology in a large community sample. Acta Psychiatrica Scandinavica, 2016, 133, 122-132.	2.2	8
76	Downregulation of genes outside the deleted region in individuals with 22q11.2 deletion syndrome. Human Genetics, 2019, 138, 93-103.	1.8	8
77	A rare case of trisomy 15pterâ€q21.2 due to a de novo marker chromosome. American Journal of Medical Genetics, Part A, 2010, 152A, 753-758.	0.7	7
78	LINE-1 hypomethylation is associated with poor risperidone response in a first episode of psychosis cohort. Epigenomics, 2020, 12, 1041-1051.	1.0	7
79	Aging biological markers in a cohort of antipsychotic-naÃ¯ve first-episode psychosis patients. Psychoneuroendocrinology, 2021, 132, 105350.	1.3	7
80	The impact of neighborhood context on telomere length: A systematic review. Health and Place, 2022, 74, 102746.	1.5	7
81	A current snapshot of common genomic variants contribution in psychiatric disorders. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 997-1005.	1.1	6
82	Implications of an admixed Brazilian population in schizophrenia polygenic risk score. Schizophrenia Research, 2019, 204, 404-406.	1.1	6
83	Investigating Causality Between Blood Metabolites and Emotional and Behavioral Responses to Traumatic Stress: a Mendelian Randomization Study. Molecular Neurobiology, 2020, 57, 1542-1552.	1.9	6
84	A Study in First-Episode Psychosis Patients: Does Angiotensin I-Converting Enzyme Activity Associated With Genotype Predict Symptom Severity Reductions After Treatment With Atypical Antipsychotic Risperidone?. International Journal of Neuropsychopharmacology, 2020, 23, 721-730.	1.0	6
85	Cytogenetic molecular delineation of a terminal 18q deletion suggesting neo-telomere formation. European Journal of Medical Genetics, 2010, 53, 404-407.	0.7	5
86	Additional chromosomal abnormalities detected by array comparative genomic hybridization in AML. Medical Oncology, 2012, 29, 2083-2087.	1.2	5
87	Polymorphisms in schizophrenia candidate gene UFD1L may contribute to cognitive deficits. Psychiatry Research, 2013, 209, 110-113.	1.7	5
88	Comparing PANSS scores and corresponding CGI scores between stable and acute schizophrenic patients. Schizophrenia Research, 2014, 152, 307-308.	1.1	5
89	Linkage Replication for Chromosomal Region 13q32 in Schizophrenia: Evidence from a Brazilian Pilot Study on Early Onset Schizophrenia Families. PLoS ONE, 2012, 7, e52262.	1.1	5
90	Wide Clinical Variability in Cat Eye Syndrome Patients: Four Non-Related Patients and Three Patients from the Same Family. Cytogenetic and Genome Research, 2012, 138, 5-10.	0.6	4

#	Article	IF	Citations
91	DGCR2 influences cortical thickness through a mechanism independent of schizophrenia pathogenesis. Psychiatry Research, 2019, 274, 391-394.	1.7	4
92	Is treatment-resistant schizophrenia associated with distinct neurobiological callosal connectivity abnormalities?. CNS Spectrums, 2021, 26, 545-549.	0.7	4
93	Identifying strategies to improve PANSS based dimensional models in schizophrenia: Accounting for multilevel structure, Bayesian model and clinical staging. Schizophrenia Research, 2021, , .	1.1	4
94	Systems-Level Analysis of Genetic Variants Reveals Functional and Spatiotemporal Context in Treatment-resistant Schizophrenia. Molecular Neurobiology, 2022, 59, 3170-3182.	1.9	4
95	Candidate genes for schizophrenia in a mixed Brazilian population using pooled DNA. Psychiatry Research, 2013, 208, 201-202.	1.7	3
96	Gene expression changes associated with trajectories of psychopathology in a longitudinal cohort of children and adolescents. Translational Psychiatry, 2020, 10, 99.	2.4	3
97	Blood gene expression changes after Risperidone treatment in an antipsychotic-naÃ¯ve cohort of first episode of psychosis patients. Schizophrenia Research, 2020, 220, 285-286.	1.1	3
98	Klotho genetic variants mediate the association between obstructive sleep apnea and short telomere length. Sleep Medicine, 2021, 83, 210-213.	0.8	3
99	Disentangling sex differences in the shared genetic architecture of posttraumatic stress disorder, traumatic experiences, and social support with body size and composition. Neurobiology of Stress, 2021, 15, 100400.	1.9	3
100	Testing the Stability and Validity of an Executive Dysfunction Classification Using Task-Based Assessment in Children and Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1501-1512.	0.3	3
101	Association between spontaneous activity of the default mode network hubs and leukocyte telomere length in late childhood and early adolescence. Journal of Psychosomatic Research, 2019, 127, 109864.	1.2	2
102	Shorter Telomeres Related to Posttraumatic Stress Disorder Re-experiencing Symptoms in Sexually Assaulted Civilian Women. Frontiers in Psychiatry, 2022, 13, .	1.3	2
103	Clinical checklists in the selection of mentally retarded males for molecular screening of fragile X syndrome. Genetics and Molecular Biology, 2007, 30, 1047-1050.	0.6	1
104	Deletion 22q11.2: Report of a complex meiotic mechanism of origin. American Journal of Medical Genetics, Part A, 2007, 143A, 1778-1781.	0.7	1
105	Polyenvironmental and polygenic risk scores and the emergence of psychotic experiences in adolescents. Journal of Psychiatric Research, 2021, 142, 384-388.	1.5	1
106	Effects of the interaction between genetic factors and maltreatment on child and adolescent psychiatric disorders. Psychiatry Research, 2019, 273, 575-577.	1.7	0