

Emanuel Schwarz

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,021
citations

279798

23
h-index

189892

50
g-index

65
all docs

65
docs citations

65
times ranked

6047
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide Association Studies in Ancestrally Diverse Populations: Opportunities, Methods, Pitfalls, and Recommendations. <i>Cell</i> , 2019, 179, 589-603.	28.9	428
2	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
3	Analysis of microbiota in first episode psychosis identifies preliminary associations with symptom severity and treatment response. <i>Schizophrenia Research</i> , 2018, 192, 398-403.	2.0	252
4	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	14.8	204
5	High Throughput Lipidomic Profiling of Schizophrenia and Bipolar Disorder Brain Tissue Reveals Alterations of Free Fatty Acids, Phosphatidylcholines, and Ceramides. <i>Journal of Proteome Research</i> , 2008, 7, 4266-4277.	3.7	171
6	Cytokine alterations in first-episode schizophrenia patients before and after antipsychotic treatment. <i>Schizophrenia Research</i> , 2014, 154, 23-29.	2.0	171
7	Dynamic brain network reconfiguration as a potential schizophrenia genetic risk mechanism modulated by NMDA receptor function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12568-12573.	7.1	161
8	Validation of a Blood-Based Laboratory Test to Aid in the Confirmation of a Diagnosis of Schizophrenia. <i>Biomarker Insights</i> , 2010, 5, BMI.S4877.	2.5	137
9	Neural correlates of individual differences in affective benefit of real-life urban green space exposure. <i>Nature Neuroscience</i> , 2019, 22, 1389-1393.	14.8	125
10	Identification of Subgroups of Schizophrenia Patients With Changes in Either Immune or Growth Factor and Hormonal Pathways. <i>Schizophrenia Bulletin</i> , 2014, 40, 787-795.	4.3	84
11	Brain network dynamics during working memory are modulated by dopamine and diminished in schizophrenia. <i>Nature Communications</i> , 2021, 12, 3478.	12.8	69
12	Multimodal imaging improves brain age prediction and reveals distinct abnormalities in patients with psychiatric and neurological disorders. <i>Human Brain Mapping</i> , 2021, 42, 1714-1726.	3.6	68
13	Identification of a blood-based biological signature in subjects with psychiatric disorders prior to clinical manifestation. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 627-632.	2.6	50
14	Distinct Molecular Phenotypes in Male and Female Schizophrenia Patients. <i>PLoS ONE</i> , 2013, 8, e78729.	2.5	48
15	IgG dynamics of dietary antigens point to cerebrospinal fluid barrier or flow dysfunction in first-episode schizophrenia. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 148-158.	4.1	48
16	Association of a Reproducible Epigenetic Risk Profile for Schizophrenia With Brain Methylation and Function. <i>JAMA Psychiatry</i> , 2020, 77, 628.	11.0	46
17	Working memory genetics in schizophrenia and related disorders: An RDoC perspective. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 121-131.	1.7	36
18	Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. <i>Translational Psychiatry</i> , 2019, 9, 12.	4.8	35

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19	Biomarker discovery in psychiatric disorders. <i>Electrophoresis</i> , 2008, 29, 2884-2890.	2.4	33
20	Oleoylethanolamide and Human Neural Responses to Food Stimuli in Obesity. <i>JAMA Psychiatry</i> , 2014, 71, 1254.	11.0	31
21	Identification of a Molecular Profile Associated with Immune Status in First-Onset Schizophrenia Patients. <i>Clinical Schizophrenia and Related Psychoses</i> , 2014, 7, 207-215.	1.4	30
22	Pretreatment levels of the fatty acid handling proteins H-FABP and CD36 predict response to olanzapine in recent-onset schizophrenia patients. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 178-186.	4.1	26
23	The genetic architecture of human brainstem structures and their involvement in common brain disorders. <i>Nature Communications</i> , 2020, 11, 4016.	12.8	26
24	Generative network models of altered structural brain connectivity in schizophrenia. <i>NeuroImage</i> , 2021, 225, 117510.	4.2	24
25	Cerebrospinal fluid: identification of diagnostic markers for schizophrenia. <i>Expert Review of Molecular Diagnostics</i> , 2008, 8, 209-216.	3.1	23
26	Oxytocin receptor expression patterns in the human brain across development. <i>Neuropsychopharmacology</i> , 2022, 47, 1550-1560.	5.4	23
27	Peptide correlation: A means to identify high quality quantitative information in large-scale proteomic studies. <i>Journal of Separation Science</i> , 2007, 30, 2190-2197.	2.5	22
28	Association of anandamide with altered binocular depth inversion illusion in schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 483-488.	2.6	22
29	Investigation of molecular serum profiles associated with predisposition to antipsychotic-induced weight gain. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 22-30.	2.6	20
30	Proteomic profiling in schizophrenia: enabling stratification for more effective treatment. <i>Genome Medicine</i> , 2013, 5, 25.	8.2	19
31	A gene-based review of <i>RGS4</i> as a putative risk gene for psychiatric illness. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 267-273.	1.7	18
32	Comparative Evaluation of Machine Learning Strategies for Analyzing Big Data in Psychiatry. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3387.	4.1	18
33	Protein Interaction Networks Link Schizophrenia Risk Loci to Synaptic Function. <i>Schizophrenia Bulletin</i> , 2016, 42, 1334-1342.	4.3	16
34	A polygenic score for schizophrenia predicts glycemic control. <i>Translational Psychiatry</i> , 2017, 7, 1295.	4.8	16
35	RMTL: an R library for multi-task learning. <i>Bioinformatics</i> , 2019, 35, 1797-1798.	4.1	16
36	Identifying multimodal signatures associated with symptom clusters: the example of the IMAGEMEND project. <i>World Psychiatry</i> , 2016, 15, 179-180.	10.4	14

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37	Resting-state brain network features associated with short-term skill learning ability in humans and the influence of N-methyl-D-aspartate receptor antagonism. <i>Network Neuroscience</i> , 2018, 2, 464-480.	2.6	14
38	Clinical bioinformatics for complex disorders: a schizophrenia case study. <i>BMC Bioinformatics</i> , 2009, 10, S6.	2.6	12
39	Alterations of primary fatty acid amides in serum of patients with severe mental illness. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 308-314.	1.8	12
40	Male increase in brain gene expression variability is linked to genetic risk for schizophrenia. <i>Translational Psychiatry</i> , 2018, 8, 140.	4.8	9
41	Identification of Reproducible BCL11A Alterations in Schizophrenia Through Individual-Level Prediction of Coexpression. <i>Schizophrenia Bulletin</i> , 2020, 46, 1165-1171.	4.3	8
42	Sleep deprivation in humans: Effects on melatonin in cerebrospinal fluid and serum. <i>Sleep and Biological Rhythms</i> , 2014, 12, 69-72.	1.0	7
43	Multiplex Immunoassay Profiling of Serum in Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 149-156.	1.6	7
44	Impute: an efficient genetic data imputation pipeline. <i>Bioinformatics</i> , 2019, 35, 1433-1435.	4.1	7
45	Identifying multimodal signatures underlying the somatic comorbidity of psychosis: the COMMITMENT roadmap. <i>Molecular Psychiatry</i> , 2021, 26, 722-724.	7.9	7
46	Opportunities and Challenges of Multiplex Assays: A Machine Learning Perspective. <i>Methods in Molecular Biology</i> , 2017, 1546, 115-122.	0.9	6
47	Biomarker discovery in human cerebrospinal fluid: the need for integrative metabolome and proteome databases. <i>Genome Medicine</i> , 2012, 4, 39.	8.2	5
48	Differential resting-state patterns across networks are spatially associated with Comt and Trmt2a gene expression patterns in a mouse model of 22q11.2 deletion. <i>NeuroImage</i> , 2021, 243, 118520.	4.2	4
49	The Utility of Multiplex Assays for Identification of Proteomic Signatures in Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 131-138.	1.6	3
50	Identification and Clinical Translation of Biomarker Signatures: Statistical Considerations. <i>Methods in Molecular Biology</i> , 2017, 1546, 103-114.	0.9	2
51	A DEVELOPMENTAL PERSPECTIVE ON FACETS OF IMPULSIVITY AND BRAIN ACTIVITY CORRELATES FROM ADOLESCENCE TO ADULTHOOD. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, , .	1.5	2
52	Brain structural correlates of upward social mobility in ethnic minority individuals. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2022, 57, 2037-2047.	3.1	1
53	Computational Modeling of the n-Back Task in the ABCD Study: Associations of Drift Diffusion Model Parameters to Polygenic Scores of Mental Disorders and Cardiometabolic Diseases. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 290-299.	1.5	1
54	From mechanistic insight towards clinical implementation using normative modeling. <i>Nature Computational Science</i> , 2022, 2, 278-280.	8.0	1

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55	The Application of Multiplexed Assay Systems for Molecular Diagnostics. International Review of Neurobiology, 2011, 101, 259-278.	2.0	0
56	The role of blood-based biomarkers in advancing personalized therapy of schizophrenia. Expert Review of Precision Medicine and Drug Development, 2017, 2, 363-370.	0.7	0
57	Computational Approaches for Identification of Pleiotropic Biomarker Profiles in Psychiatry. Advances in Experimental Medicine and Biology, 2019, 1134, 111-128.	1.6	0
58	Hyper-Coordinated DNA Methylation is Altered in Schizophrenia and Associated with Brain Function. Schizophrenia Bulletin Open, 2021, 2, .	1.7	0
59	Translational medicine in psychiatry: challenges and imaging biomarkers. , 2021, , 203-223.		0
60	Advancing Psychiatric Biomarker Discovery Through Multimodal Machine Learning. Biological Psychiatry, 2022, 91, 524-525.	1.3	0