

Joshua L Roffman

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

15,218
citations

71102

41
h-index

69250

77
g-index

89
all docs

89
docs citations

89
times ranked

19084
citing authors

#	ARTICLE	IF	CITATIONS
1	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , 2011, 106, 1125-1165.	1.8	6,420
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
3	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	21.4	838
4	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
5	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
6	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
7	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
8	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. <i>Scientific Data</i> , 2015, 2, 150031.	5.3	318
9	Neuroimaging and the functional neuroanatomy of psychotherapy. <i>Psychological Medicine</i> , 2005, 35, 1385-1398.	4.5	264
10	Individual Differences in Amygdala-Medial Prefrontal Anatomy Link Negative Affect, Impaired Social Functioning, and Polygenic Depression Risk. <i>Journal of Neuroscience</i> , 2012, 32, 18087-18100.	3.6	250
11	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
12	Interrogating the Genetic Determinants of Tourette's Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. <i>American Journal of Psychiatry</i> , 2019, 176, 217-227.	7.2	242
13	Correspondence of DNA Methylation Between Blood and Brain Tissue and Its Application to Schizophrenia Research. <i>Schizophrenia Bulletin</i> , 2016, 42, 406-414.	4.3	227
14	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
15	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
16	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
17	Functional connectomics of affective and psychotic pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9050-9059.	7.1	134
18	Randomized Multicenter Investigation of Folate Plus Vitamin B ₁₂ Supplementation in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 481.	11.0	117

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19	Individual Differences in Cognitive Control Circuit Anatomy Link Sensation Seeking, Impulsivity, and Substance Use. <i>Journal of Neuroscience</i> , 2016, 36, 4038-4049.	3.6	114
20	Contribution of Methylene tetrahydrofolate Reductase (MTHFR) Polymorphisms to Negative Symptoms in Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 42-48.	1.3	87
21	MTHFR 677C → T genotype disrupts prefrontal function in schizophrenia through an interaction with COMT 158Val → Met. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17573-17578.	7.1	86
22	Effect of Adjunctive Methylfolate 15 mg Among Inadequate Responders to SSRIs in Depressed Patients Who Were Stratified by Biomarker Levels and Genotype. <i>Journal of Clinical Psychiatry</i> , 2014, 75, 855-863.	2.2	75
23	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
24	The Human Ortholog of Acid-Sensing Ion Channel Gene ASIC1a Is Associated With Panic Disorder and Amygdala Structure and Function. <i>Biological Psychiatry</i> , 2014, 76, 902-910.	1.3	71
25	Dopamine Genetic Risk Score Predicts Depressive Symptoms in Healthy Adults and Adults with Depression. <i>PLoS ONE</i> , 2014, 9, e93772.	2.5	71
26	The COMT Val108/158Met polymorphism and medial temporal lobe volumetry in patients with schizophrenia and healthy adults. <i>NeuroImage</i> , 2010, 53, 992-1000.	4.2	70
27	Massively expedited genome-wide heritability analysis (MEGHA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2479-2484.	7.1	69
28	Multidimensional heritability analysis of neuroanatomical shape. <i>Nature Communications</i> , 2016, 7, 13291.	12.8	68
29	S-Adenosyl Methionine and Transmethylation Pathways in Neuropsychiatric Diseases Throughout Life. <i>Neurotherapeutics</i> , 2018, 15, 156-175.	4.4	68
30	Genetic Variation Throughout the Folate Metabolic Pathway Influences Negative Symptom Severity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2013, 39, 330-338.	4.3	66
31	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. <i>Nature Communications</i> , 2018, 9, 1157.	12.8	65
32	Folate supplementation in schizophrenia: A possible role for MTHFR genotype. <i>Schizophrenia Research</i> , 2011, 127, 41-45.	2.0	64
33	Effects of the methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism on executive function in schizophrenia. <i>Schizophrenia Research</i> , 2007, 92, 181-188.	2.0	60
34	Dopamine D ₁ signaling organizes network dynamics underlying working memory. <i>Science Advances</i> , 2016, 2, e1501672.	10.3	59
35	PET neuroimaging reveals histone deacetylase dysregulation in schizophrenia. <i>Journal of Clinical Investigation</i> , 2018, 129, 364-372.	8.2	57
36	Interactive effects of COMT Val108/158Met and MTHFR C677T on executive function in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 990-995.	1.7	53

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37	Functional Connectivity Between Anterior Insula and Key Nodes of Frontoparietal Executive Control and Salience Networks Distinguish Bipolar Depression From Unipolar Depression and Healthy Control Subjects. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 473-484.	1.5	51
38	Neuroimaging-Genetic Paradigms: A New Approach to Investigate the Pathophysiology and Treatment of Cognitive Deficits in Schizophrenia. <i>Harvard Review of Psychiatry</i> , 2006, 14, 78-91.	2.1	50
39	Vitamin Supplementation in the Treatment of Schizophrenia. <i>CNS Drugs</i> , 2014, 28, 611-622.	5.9	50
40	DISC1 is associated with cortical thickness and neural efficiency. <i>NeuroImage</i> , 2011, 57, 1591-1600.	4.2	46
41	Reduced N-Acetylaspartate in Prefrontal Cortex of Adult Rats with Neonatal Hippocampal Damage. <i>Cerebral Cortex</i> , 2002, 12, 983-990.	2.9	44
42	Does function follow form?: Methods to fuse structural and functional brain images show decreased linkage in schizophrenia. <i>NeuroImage</i> , 2010, 49, 2626-2637.	4.2	44
43	Disrupted Working Memory Circuitry in Schizophrenia: Disentangling fMRI Markers of Core Pathology vs Other Aspects of Impaired Performance. <i>Neuropsychopharmacology</i> , 2016, 41, 2411-2420.	5.4	41
44	Neuroscience in Psychiatry Training: How Much Do Residents Need To Know?. <i>American Journal of Psychiatry</i> , 2006, 163, 919-926.	7.2	36
45	Neuroepigenetic signatures of age and sex in the living human brain. <i>Nature Communications</i> , 2019, 10, 2945.	12.8	36
46	Association of Prenatal Exposure to Population-Wide Folic Acid Fortification With Altered Cerebral Cortex Maturation in Youths. <i>JAMA Psychiatry</i> , 2018, 75, 918.	11.0	31
47	Smoking, but Not Malnutrition, Influences Promoter-Specific DNA Methylation of the Proopiomelanocortin Gene in Patients with and without Anorexia Nervosa. <i>Canadian Journal of Psychiatry</i> , 2012, 57, 168-176.	1.9	29
48	A Hypomethylating Variant of MTHFR, 677C>T, Blunts the Neural Response to Errors in Patients with Schizophrenia and Healthy Individuals. <i>PLoS ONE</i> , 2011, 6, e25253.	2.5	28
49	Stereotyped Behavior: Effects of d-Amphetamine and Methylphenidate in the Young Rat. <i>Pharmacology Biochemistry and Behavior</i> , 1997, 58, 1095-1102.	2.9	27
50	Neural Predictors of Successful Brief Psychodynamic Psychotherapy for Persistent Depression. <i>Psychotherapy and Psychosomatics</i> , 2014, 83, 364-370.	8.8	26
51	Impairment in delay discounting in schizophrenia and schizoaffective disorder but not primary mood disorders. <i>NPJ Schizophrenia</i> , 2018, 4, 9.	3.6	25
52	Dissociable Genetic Contributions to Error Processing: A Multimodal Neuroimaging Study. <i>PLoS ONE</i> , 2014, 9, e101784.	2.5	25
53	Distinguishing familiarity-based from source-based memory performance in patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 99, 208-217.	2.0	24
54	Neural determinants of human goal-directed vs. habitual action control and their relation to trait motivation. <i>Scientific Reports</i> , 2017, 7, 6002.	3.3	23

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55	MTHFR 677C>T effects on anterior cingulate structure and function during response monitoring in schizophrenia: a preliminary study. <i>Brain Imaging and Behavior</i> , 2011, 5, 65-75.	2.1	21
56	Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C polymorphisms and age of onset in schizophrenia: A combined analysis of independent samples. , 2011, 156, 215-224.		19
57	Aberrant Frontoparietal Function during Recognition Memory in Schizophrenia: A Multimodal Neuroimaging Investigation. <i>Journal of Neuroscience</i> , 2009, 29, 11347-11359.	3.6	17
58	In vivo human brain expression of histone deacetylases in bipolar disorder. <i>Translational Psychiatry</i> , 2020, 10, 224.	4.8	17
59	The Genetics of Endophenotypes of Neurofunction to Understand Schizophrenia (GENUS) consortium: A collaborative cognitive and neuroimaging genetics project. <i>Schizophrenia Research</i> , 2018, 195, 306-317.	2.0	17
60	Neuroprotective Effects of Prenatal Folic Acid Supplementation. <i>JAMA Psychiatry</i> , 2018, 75, 747.	11.0	16
61	Working memory load-dependent changes in cortical network connectivity estimated by machine learning. <i>NeuroImage</i> , 2020, 217, 116895.	4.2	16
62	Altered temporal, but intact spatial, features of transient network dynamics in psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 2493-2503.	7.9	15
63	Emerging Treatments in Schizophrenia. <i>Harvard Review of Psychiatry</i> , 2016, 24, e1-e7.	2.1	11
64	Association of Maternal Stress and Social Support During Pregnancy With Growth Marks in Children's Primary Tooth Enamel. <i>JAMA Network Open</i> , 2021, 4, e2129129.	5.9	10
65	Distinct effects of interleukin-6 and interferon- γ on differentiating human cortical neurons. <i>Brain, Behavior, and Immunity</i> , 2022, 103, 97-108.	4.1	10
66	Alcohol Withdrawal in the Setting of Elevated Blood Alcohol Levels. <i>Primary Care Companion To the Journal of Clinical Psychiatry</i> , 2006, 8, 170-3.	0.6	9
67	Endophenotype Research in Psychiatry—The Grasshopper Grows Up. <i>JAMA Psychiatry</i> , 2019, 76, 1230.	11.0	8
68	A Cross-Sectional Study of Dietary and Genetic Predictors of Blood Folate Levels in Healthy Young Adults. <i>Nutrients</i> , 2017, 9, 994.	4.1	7
69	Auditory stimulus repetition effects on cortical hemoglobin oxygenation: a near-infrared spectroscopy investigation. <i>NeuroReport</i> , 2008, 19, 161-165.	1.2	6
70	Neural Models of Psychodynamic Concepts and Treatments: Implications for Psychodynamic Psychotherapy. , 2009, , 305-338.		5
71	Conversion Disorder Presenting With Neurologic and Respiratory Symptoms. <i>Primary Care Companion To the Journal of Clinical Psychiatry</i> , 2005, 7, 304-6.	0.6	5
72	A Complex Presentation of Complex Partial Seizures. <i>Primary Care Companion To the Journal of Clinical Psychiatry</i> , 2006, 8, 98-100.	0.6	5

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73	Introduction. Harvard Review of Psychiatry, 2011, 19, 99-101.	2.1	4
74	Neural Models of Psychodynamic Concepts and Treatments: Implications for Psychodynamic Psychotherapy. , 2012, , 193-218.		4
75	Use of antipsychotic medication in chemotherapy-induced nausea and vomiting. Expert Review of Neurotherapeutics, 2003, 3, 77-84.	2.8	3
76	Neuropsychiatric Phenomena Associated With Movement Disorders. Primary Care Companion To the Journal of Clinical Psychiatry, 2006, 8, 39-42.	0.6	3
77	Combined MR-assisted motion and partial volume effects corrections " impact on PET data quantification. EJNMMI Physics, 2014, 1, A38.	2.7	2
78	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 223-231.	1.7	2
79	Reaffirming Core Scientific Values in Psychiatry Research. Harvard Review of Psychiatry, 2019, 27, 275-278.	2.1	2
80	Research Fellowships: Rewards Can Be Substantial. Psychiatric News, 2005, 40, 15-15.	0.0	1
81	Eight Ball. American Journal of Psychiatry, 2008, 165, 956-957.	7.2	0
82	Introduction. Harvard Review of Psychiatry, 2016, 24, 77-79.	2.1	0
83	B Vitamin Supplements in First-Episode Psychosis: Some Neurodevelopmental and Physiologic Context. Biological Psychiatry, 2019, 86, 4-6.	1.3	0
84	Bridging Technology and Psychotherapy: Toward Investigating Psychological and Neural Correlates of Psychodynamic Psychotherapy. , 2012, , 301-312.		0