

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	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€™years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
2	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€™years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
3	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	27.8	929
4	Distinct effects of interleukin-6 and interferon- β on differentiating human cortical neurons. Brain, Behavior, and Immunity, 2022, 103, 97-108.	4.1	10
5	Altered temporal, but intact spatial, features of transient network dynamics in psychosis. Molecular Psychiatry, 2021, 26, 2493-2503.	7.9	15
6	Association of Maternal Stress and Social Support During Pregnancy With Growth Marks in Childrenâ€™s Primary Tooth Enamel. JAMA Network Open, 2021, 4, e2129129.	5.9	10
7	In vivo human brain expression of histone deacetylases in bipolar disorder. Translational Psychiatry, 2020, 10, 224.	4.8	17
8	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
9	Working memory load-dependent changes in cortical network connectivity estimated by machine learning. NeuroImage, 2020, 217, 116895.	4.2	16
10	Neuroepigenetic signatures of age and sex in the living human brain. Nature Communications, 2019, 10, 2945.	12.8	36
11	Endophenotype Research in Psychiatryâ€”The Grasshopper Grows Up. JAMA Psychiatry, 2019, 76, 1230.	11.0	8
12	B Vitamin Supplements in First-Episode Psychosis: Some Neurodevelopmental and Physiologic Context. Biological Psychiatry, 2019, 86, 4-6.	1.3	0
13	Functional connectomics of affective and psychotic pathology. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9050-9059.	7.1	134
14	Interrogating the Genetic Determinants of Touretteâ€™s Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. American Journal of Psychiatry, 2019, 176, 217-227.	7.2	242
15	Populationâ€based identityâ€byâ€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
16	Reaffirming Core Scientific Values in Psychiatry Research. Harvard Review of Psychiatry, 2019, 27, 275-278.	2.1	2
17	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
18	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. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 473-484.	1.5	51

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19	S-Adenosyl Methionine and Transmethylation Pathways in Neuropsychiatric Diseases Throughout Life. <i>Neurotherapeutics</i> , 2018, 15, 156-175.	4.4	68
20	The human cortex possesses a reconfigurable dynamic network architecture that is disrupted in psychosis. <i>Nature Communications</i> , 2018, 9, 1157.	12.8	65
21	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
22	Neuroprotective Effects of Prenatal Folic Acid Supplementation. <i>JAMA Psychiatry</i> , 2018, 75, 747.	11.0	16
23	Impairment in delay discounting in schizophrenia and schizoaffective disorder but not primary mood disorders. <i>NPJ Schizophrenia</i> , 2018, 4, 9.	3.6	25
24	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
25	PET neuroimaging reveals histone deacetylase dysregulation in schizophrenia. <i>Journal of Clinical Investigation</i> , 2018, 129, 364-372.	8.2	57
26	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
27	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
28	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
29	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
30	Introduction. <i>Harvard Review of Psychiatry</i> , 2016, 24, 77-79.	2.1	0
31	Dopamine D ₁ signaling organizes network dynamics underlying working memory. <i>Science Advances</i> , 2016, 2, e1501672.	10.3	59
32	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
33	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
34	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
35	Multidimensional heritability analysis of neuroanatomical shape. <i>Nature Communications</i> , 2016, 7, 13291.	12.8	68
36	Emerging Treatments in Schizophrenia. <i>Harvard Review of Psychiatry</i> , 2016, 24, e1-e7.	2.1	11

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37	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
38	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. <i>Scientific Data</i> , 2015, 2, 150031.	5.3	318
39	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
40	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
41	Neural Predictors of Successful Brief Psychodynamic Psychotherapy for Persistent Depression. <i>Psychotherapy and Psychosomatics</i> , 2014, 83, 364-370.	8.8	26
42	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
43	Combined MR-assisted motion and partial volume effects corrections “ impact on PET data quantification. <i>EJNMMI Physics</i> , 2014, 1, A38.	2.7	2
44	Vitamin Supplementation in the Treatment of Schizophrenia. <i>CNS Drugs</i> , 2014, 28, 611-622.	5.9	50
45	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
46	Dopamine Genetic Risk Score Predicts Depressive Symptoms in Healthy Adults and Adults with Depression. <i>PLoS ONE</i> , 2014, 9, e93772.	2.5	71
47	Dissociable Genetic Contributions to Error Processing: A Multimodal Neuroimaging Study. <i>PLoS ONE</i> , 2014, 9, e101784.	2.5	25
48	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
49	Randomized Multicenter Investigation of Folate Plus Vitamin B ₁₂ Supplementation in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 481.	11.0	117
50	Genetic Variation Throughout the Folate Metabolic Pathway Influences Negative Symptom Severity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2013, 39, 330-338.	4.3	66
51	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
52	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
53	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
54	Neural Models of Psychodynamic Concepts and Treatments: Implications for Psychodynamic Psychotherapy. , 2012, , 193-218.		4

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55	Bridging Technology and Psychotherapy: Toward Investigating Psychological and Neural Correlates of Psychodynamic Psychotherapy. , 2012, , 301-312.		0
56	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. Journal of Neurophysiology, 2011, 106, 1125-1165.	1.8	6,420
57	DISC1 is associated with cortical thickness and neural efficiency. NeuroImage, 2011, 57, 1591-1600.	4.2	46
58	Folate supplementation in schizophrenia: A possible role for MTHFR genotype. Schizophrenia Research, 2011, 127, 41-45.	2.0	64
59	A Hypomethylating Variant of MTHFR, 677C>T, Blunts the Neural Response to Errors in Patients with Schizophrenia and Healthy Individuals. PLoS ONE, 2011, 6, e25253.	2.5	28
60	MTHFR 677C>T effects on anterior cingulate structure and function during response monitoring in schizophrenia: a preliminary study. Brain Imaging and Behavior, 2011, 5, 65-75.	2.1	21
61	Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C polymorphisms and age of onset in schizophrenia: A combined analysis of independent samples. , 2011, 156, 215-224.		19
62	Introduction. Harvard Review of Psychiatry, 2011, 19, 99-101.	2.1	4
63	Does function follow form?: Methods to fuse structural and functional brain images show decreased linkage in schizophrenia. NeuroImage, 2010, 49, 2626-2637.	4.2	44
64	The COMT Val108/158Met polymorphism and medial temporal lobe volumetry in patients with schizophrenia and healthy adults. NeuroImage, 2010, 53, 992-1000.	4.2	70
65	Aberrant Frontoparietal Function during Recognition Memory in Schizophrenia: A Multimodal Neuroimaging Investigation. Journal of Neuroscience, 2009, 29, 11347-11359.	3.6	17
66	Neural Models of Psychodynamic Concepts and Treatments: Implications for Psychodynamic Psychotherapy. , 2009, , 305-338.		5
67	Interactive effects of COMT Val108/158Met and MTHFR C677T on executive function in schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 990-995.	1.7	53
68	Distinguishing familiarity-based from source-based memory performance in patients with schizophrenia. Schizophrenia Research, 2008, 99, 208-217.	2.0	24
69	Contribution of Methylenetetrahydrofolate Reductase (MTHFR) Polymorphisms to Negative Symptoms in Schizophrenia. Biological Psychiatry, 2008, 63, 42-48.	1.3	87
70	Eight Ball. American Journal of Psychiatry, 2008, 165, 956-957.	7.2	0
71	MTHFR 677C > T genotype disrupts prefrontal function in schizophrenia through an interaction with COMT 158Val > Met. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17573-17578.	7.1	86
72	Auditory stimulus repetition effects on cortical hemoglobin oxygenation: a near-infrared spectroscopy investigation. NeuroReport, 2008, 19, 161-165.	1.2	6

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73	Effects of the methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism on executive function in schizophrenia. <i>Schizophrenia Research</i> , 2007, 92, 181-188.	2.0	60
74	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
75	Neuroscience in Psychiatry Training: How Much Do Residents Need To Know?. <i>American Journal of Psychiatry</i> , 2006, 163, 919-926.	7.2	36
76	Neuropsychiatric Phenomena Associated With Movement Disorders. <i>Primary Care Companion To the Journal of Clinical Psychiatry</i> , 2006, 8, 39-42.	0.6	3
77	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
78	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
79	Neuroimaging and the functional neuroanatomy of psychotherapy. <i>Psychological Medicine</i> , 2005, 35, 1385-1398.	4.5	264
80	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
81	Research Fellowships: Rewards Can Be Substantial. <i>Psychiatric News</i> , 2005, 40, 15-15.	0.0	1
82	Use of antipsychotic medication in chemotherapy-induced nausea and vomiting. <i>Expert Review of Neurotherapeutics</i> , 2003, 3, 77-84.	2.8	3
83	Reduced N-Acetylaspartate in Prefrontal Cortex of Adult Rats with Neonatal Hippocampal Damage. <i>Cerebral Cortex</i> , 2002, 12, 983-990.	2.9	44
84	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