

# Matthew J Hoptman

## List of Publications by Citations

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88

papers

8,845

citations

45

h-index

94

g-index

102

ext. papers

10,086

ext. citations

5.1

avg, IF

5.46

L-index

#	Paper	IF	Citations
88	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 4734-9	11.5	2183
87	Neurocognitive effects of clozapine, olanzapine, risperidone, and haloperidol in patients with chronic schizophrenia or schizoaffective disorder. <i>American Journal of Psychiatry</i> , <b>2002</b> , 159, 1018-28	11.9	448
86	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 152	5.1	437
85	Amplitude of low-frequency oscillations in schizophrenia: a resting state fMRI study. <i>Schizophrenia Research</i> , <b>2010</b> , 117, 13-20	3.6	349
84	Neurocognitive correlates of the COMT Val(158)Met polymorphism in chronic schizophrenia. <i>Biological Psychiatry</i> , <b>2002</b> , 52, 701-7	7.9	286
83	Functional connectivity in the cognitive control network and the default mode network in late-life depression. <i>Journal of Affective Disorders</i> , <b>2012</b> , 139, 56-65	6.6	281
82	Early-stage visual processing and cortical amplification deficits in schizophrenia. <i>Archives of General Psychiatry</i> , <b>2005</b> , 62, 495-504		281
81	Visual inspection of independent components: defining a procedure for artifact removal from fMRI data. <i>Journal of Neuroscience Methods</i> , <b>2010</b> , 189, 233-45	3	276
80	Microstructural white matter abnormalities and remission of geriatric depression. <i>American Journal of Psychiatry</i> , <b>2008</b> , 165, 238-44	11.9	233
79	MRI study of white matter diffusion anisotropy in schizophrenia. <i>NeuroReport</i> , <b>2003</b> , 14, 2025-9	1.7	220
78	Sex differences in brain activation pattern during a visuospatial cognitive task: a functional magnetic resonance imaging study in healthy volunteers. <i>Neuroscience Letters</i> , <b>2003</b> , 344, 169-72	3.3	211
77	Quantitative comparison of algorithms for inter-subject registration of 3D volumetric brain MRI scans. <i>Journal of Neuroscience Methods</i> , <b>2005</b> , 142, 67-76	3	186
76	Frontal white matter microstructure, aggression, and impulsivity in men with schizophrenia: a preliminary study. <i>Biological Psychiatry</i> , <b>2002</b> , 52, 9-14	7.9	184
75	How and why do the two cerebral hemispheres interact?. <i>Psychological Bulletin</i> , <b>1994</b> , 116, 195-219	19.1	144
74	Amygdalofrontal functional disconnectivity and aggression in schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2010</b> , 36, 1020-8	1.3	114
73	A DTI study of white matter microstructure in individuals at high genetic risk for schizophrenia. <i>Schizophrenia Research</i> , <b>2008</b> , 106, 115-24	3.6	113
72	Decreased interhemispheric coordination in schizophrenia: a resting state fMRI study. <i>Schizophrenia Research</i> , <b>2012</b> , 141, 1-7	3.6	111

71	The neural substrates of impaired prosodic detection in schizophrenia and its sensorial antecedents. <i>American Journal of Psychiatry</i> , <b>2007</b> , 164, 474-82	11.9	106
70	Early sensory contributions to contextual encoding deficits in schizophrenia. <i>Archives of General Psychiatry</i> , <b>2011</b> , 68, 654-64		103
69	White-matter integrity predicts stroop performance in patients with geriatric depression. <i>Biological Psychiatry</i> , <b>2007</b> , 61, 1007-10	7.9	100
68	Cortical thinning, functional connectivity, and mood-related impulsivity in schizophrenia: relationship to aggressive attitudes and behavior. <i>American Journal of Psychiatry</i> , <b>2014</b> , 171, 939-48	11.9	98
67	Brain activation pattern during a verbal fluency test in healthy male and female volunteers: a functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , <b>2003</b> , 352, 191-4	3.3	96
66	DTI and impulsivity in schizophrenia: a first voxelwise correlational analysis. <i>NeuroReport</i> , <b>2004</b> , 15, 2467-70	7.0	90
65	Anterior cingulate cortical volumes and treatment remission of geriatric depression. <i>International Journal of Geriatric Psychiatry</i> , <b>2009</b> , 24, 829-36	3.9	86
64	BDNF val66met polymorphism, white matter abnormalities and remission of geriatric depression. <i>Journal of Affective Disorders</i> , <b>2010</b> , 125, 262-8	6.6	82
63	Serotonin transporter polymorphisms, microstructural white matter abnormalities and remission of geriatric depression. <i>Journal of Affective Disorders</i> , <b>2009</b> , 119, 132-41	6.6	81
62	Abnormal white matter integrity in healthy apolipoprotein E epsilon4 carriers. <i>NeuroReport</i> , <b>2005</b> , 16, 1369-72	1.7	81
61	Functional connectivity in apathy of late-life depression: a preliminary study. <i>Journal of Affective Disorders</i> , <b>2013</b> , 149, 398-405	6.6	80
60	The salience network in the apathy of late-life depression. <i>International Journal of Geriatric Psychiatry</i> , <b>2014</b> , 29, 1116-24	3.9	76
59	Quantitative MRI measures of orbitofrontal cortex in patients with chronic schizophrenia or schizoaffective disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2005</b> , 140, 133-45	2.9	68
58	MRI signal hyperintensities and treatment remission of geriatric depression. <i>Journal of Affective Disorders</i> , <b>2010</b> , 126, 395-401	6.6	67
57	White matter integrity and lack of insight in schizophrenia and schizoaffective disorder. <i>Schizophrenia Research</i> , <b>2011</b> , 128, 76-82	3.6	66
56	Assessing white matter integrity as a function of abstinence duration in former cocaine-dependent individuals. <i>Drug and Alcohol Dependence</i> , <b>2011</b> , 114, 159-68	4.9	66
55	Macromolecular White Matter Abnormalities in Geriatric Depression: A Magnetization Transfer Imaging Study. <i>American Journal of Geriatric Psychiatry</i> , <b>2008</b> , 16, 255-262	6.5	64
54	Hippocampal volumes and the brain-derived neurotrophic factor val66met polymorphism in geriatric major depression. <i>American Journal of Geriatric Psychiatry</i> , <b>2011</b> , 19, 13-22	6.5	63

53	Clinical prediction of assaultive behavior among male psychiatric patients at a maximum-security forensic facility. <i>Psychiatric Services</i> , <b>1999</b> , 50, 1461-6	3.3	63
52	Impulsivity and aggression in schizophrenia: a neural circuitry perspective with implications for treatment. <i>CNS Spectrums</i> , <b>2015</b> , 20, 280-6	1.8	60
51	Neural mechanisms of mismatch negativity dysfunction in schizophrenia. <i>Molecular Psychiatry</i> , <b>2017</b> , 22, 1585-1593	15.1	57
50	Neural Substrates of Auditory Emotion Recognition Deficits in Schizophrenia. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 14909-21	6.6	55
49	Perceptual asymmetries in left- and right-handers for cartoon and real faces. <i>Brain and Cognition</i> , <b>1988</b> , 8, 178-88	2.7	54
48	Homotopic connectivity in drug-naïve, first-episode, early-onset schizophrenia. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2015</b> , 56, 432-43	7.9	49
47	Contributions of low and high spatial frequency processing to impaired object recognition circuitry in schizophrenia. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 1849-58	5.1	48
46	Baseline EEG asymmetries and performance on neuropsychological tasks. <i>Neuropsychologia</i> , <b>1998</b> , 36, 1343-53	3.2	47
45	Functional connectivity fMRI in mouse brain at 7T using isoflurane. <i>Journal of Neuroscience Methods</i> , <b>2013</b> , 214, 144-8	3	46
44	Voxelwise correlational analyses of white matter integrity in multiple cognitive domains in schizophrenia. <i>American Journal of Psychiatry</i> , <b>2006</b> , 163, 2008-10	11.9	46
43	Self-report and laboratory measures of impulsivity in patients with schizophrenia or schizoaffective disorder and healthy controls. <i>Psychiatry Research</i> , <b>2011</b> , 187, 301-3	9.9	45
42	Neuroanatomical correlates of apathy in late-life depression and antidepressant treatment response. <i>Journal of Affective Disorders</i> , <b>2014</b> , 166, 179-86	6.6	43
41	Macromolecular white matter abnormalities in geriatric depression: a magnetization transfer imaging study. <i>American Journal of Geriatric Psychiatry</i> , <b>2008</b> , 16, 255-62	6.5	41
40	Brain morphometry using diffusion-weighted magnetic resonance imaging: application to schizophrenia. <i>NeuroReport</i> , <b>2005</b> , 16, 1455-9	1.7	40
39	Neuroimaging correlates of aggression in schizophrenia: an update. <i>Current Opinion in Psychiatry</i> , <b>2011</b> , 24, 100-6	4.9	39
38	Visual white matter integrity in schizophrenia. <i>American Journal of Psychiatry</i> , <b>2006</b> , 163, 2011-3	11.9	39
37	Comparison of psychophysical, electrophysiological, and fMRI assessment of visual contrast responses in patients with schizophrenia. <i>NeuroImage</i> , <b>2013</b> , 67, 153-62	7.9	37
36	Neuroimaging studies of violence and antisocial behavior. <i>Journal of Psychiatric Practice</i> , <b>2003</b> , 9, 265-78	1.3	37

35	The 5% difference: early sensory processing predicts sarcasm perception in schizophrenia and schizo-affective disorder. <i>Psychological Medicine</i> , <b>2014</b> , 44, 25-36	6.9	35
34	Age-related changes in brain: I. Magnetic resonance imaging measures of temporal lobe volumes in normal subjects. <i>Psychiatric Quarterly</i> , <b>1995</b> , 66, 343-55	4.1	33
33	Aggression and quantitative MRI measures of caudate in patients with chronic schizophrenia or schizoaffective disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , <b>2006</b> , 18, 509-15	2.7	32
32	Effects of Antipsychotic Medication on Brain Structure in Patients With Major Depressive Disorder and Psychotic Features: Neuroimaging Findings in the Context of a Randomized Placebo-Controlled Clinical Trial. <i>JAMA Psychiatry</i> , <b>2020</b> , 77, 674-683	14.5	31
31	Heritability estimates for cognitive factors and brain white matter integrity as markers of schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2010</b> , 153B, 885-94	2.5	30
30	Blood pressure and white matter integrity in geriatric depression. <i>Journal of Affective Disorders</i> , <b>2009</b> , 115, 171-6	6.6	27
29	Significant improvement in treatment resistant auditory verbal hallucinations after 5 days of double-blind, randomized, sham controlled, fronto-temporal, transcranial direct current stimulation (tDCS): A replication/extension study. <i>Brain Stimulation</i> , <b>2019</b> , 12, 981-991	5.1	26
28	Structural neuroimaging research methods in geriatric depression. <i>American Journal of Geriatric Psychiatry</i> , <b>2006</b> , 14, 812-22	6.5	26
27	Diffusion tensor imaging of traumatic brain injury review: implications for neurorehabilitation. <i>NeuroRehabilitation</i> , <b>2012</b> , 31, 281-93	2	25
26	Disturbances in Response Inhibition and Emotional Processing as Potential Pathways to Violence in Schizophrenia: A High-Density Event-Related Potential Study. <i>Schizophrenia Bulletin</i> , <b>2016</b> , 42, 963-74	1.3	24
25	State-dependent functional connectivity of rat olfactory system assessed by fMRI. <i>Neuroscience Letters</i> , <b>2011</b> , 497, 69-73	3.3	24
24	The impact of white matter hyperintensities on the structural connectome in late-life depression: Relationship to executive functions. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101852	5.3	21
23	Do cognitive deficits predict negative emotionality and aggression in schizophrenia?. <i>Psychiatry Research</i> , <b>2018</b> , 259, 350-357	9.9	21
22	Hybrid ICA-Seed-Based Methods for fMRI Functional Connectivity Assessment: A Feasibility Study. <i>International Journal of Biomedical Imaging</i> , <b>2010</b> , 2010,	5.2	20
21	Sensory and cross-network contributions to response inhibition in patients with schizophrenia. <i>NeuroImage: Clinical</i> , <b>2018</b> , 18, 31-39	5.3	18
20	Cognitive Control Network Homogeneity and Executive Functions in Late-Life Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2020</b> , 5, 213-221	3.4	15
19	Age differences in visual evoked potential estimates on interhemispheric transfer.. <i>Neuropsychology</i> , <b>1996</b> , 10, 263-271	3.8	10
18	Aberrant response inhibition and task switching in psychopathic individuals. <i>Psychiatry Research</i> , <b>2015</b> , 229, 1017-23	9.9	8

17	Neural Foundations of Mood-Induced Impulsivity and Impulsive Aggression in Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , <b>2016</b> , 3, 248-255	1.7	6
16	Extracting information from functional connectivity maps via function-on-scalar regression. <i>NeuroImage</i> , <b>2011</b> , 56, 140-8	7.9	5
15	Resting state functional connectivity in patients with remitted psychotic depression: A multi-centre STOP-PD study. <i>EBioMedicine</i> , <b>2018</b> , 36, 446-453	8.8	5
14	Resting State Functional Connectivity and Outcomes of Psychotherapies for Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , <b>2020</b> , 28, 859-868	6.5	4
13	White matter abnormalities predict residual negative self-referential thinking following treatment of late-life depression with escitalopram: A preliminary study. <i>Journal of Affective Disorders</i> , <b>2019</b> , 243, 62-69	6.6	4
12	Longitudinal examination of the relationship between changes in white matter organization and cognitive outcome in chronic TBI. <i>Brain Injury</i> , <b>2019</b> , 33, 846-853	2.1	3
11	Network-level mechanisms underlying effects of transcranial direct current stimulation (tDCS) on visuomotor learning. <i>NeuroImage</i> , <b>2020</b> , 223, 117311	7.9	3
10	Late-life depression accentuates cognitive weaknesses in older adults with small vessel disease. <i>Neuropsychopharmacology</i> , <b>2021</b> ,	8.7	3
9	Omission of temporal nuisance regressors from dual regression can improve accuracy of fMRI functional connectivity maps. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 4005-4025	5.9	2
8	Structural brain networks in remitted psychotic depression. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 1223-1231	7.1	2
7	Advocating for well-defined and validated procedures: Comment on Griffanti et al., Neuroimage 154:188-205. <i>Journal of Neuroscience Methods</i> , <b>2017</b> , 290, 24-26	3	2
6	Influences on childhood depressive symptoms: The effects of trauma and distress tolerance across age and sex groups. <i>Journal of Affective Disorders</i> , <b>2021</b> , 283, 373-376	6.6	2
5	Cortical Thickness of the Salience Network and Change in Apathy Following Antidepressant Treatment for Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , <b>2021</b> , 29, 241-248	6.5	1
4	Neurophysiological, Oculomotor, and Computational Modeling of Impaired Reading Ability in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 97-107	1.3	1
3	Transcranial Direct Current Stimulation Effects on Time/Frequency Relationships in Patients with Schizophrenia. <i>Brain Stimulation</i> , <b>2014</b> , 7, e7-e8	5.1	
2	Seed-based dual regression: An illustration of the impact of dual regression's inherent filtering of global signal. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 366, 109410	3	
1	PATTERN CLASSIFICATION OF BRAIN DIFFUSION MRI: APPLICATION TO SCHIZOPHRENIA DIAGNOSIS. <i>Series in Computer Vision</i> , <b>2014</b> , 289-308		