

Matthew J Hoptman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9329102/publications.pdf>

Version: 2024-02-01

102
papers

10,995
citations

41344

49
h-index

37204

96
g-index

106
all docs

106
docs citations

106
times ranked

12585
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	7.1	2,703
2	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. Frontiers in Neuroscience, 2012, 6, 152.	2.8	667
3	Neurocognitive Effects of Clozapine, Olanzapine, Risperidone, and Haloperidol in Patients With Chronic Schizophrenia or Schizoaffective Disorder. American Journal of Psychiatry, 2002, 159, 1018-1028.	7.2	493
4	Amplitude of low-frequency oscillations in schizophrenia: A resting state fMRI study. Schizophrenia Research, 2010, 117, 13-20.	2.0	425
5	Functional connectivity in the cognitive control network and the default mode network in late-life depression. Journal of Affective Disorders, 2012, 139, 56-65.	4.1	357
6	Early-Stage Visual Processing and Cortical Amplification Deficits in Schizophrenia. Archives of General Psychiatry, 2005, 62, 495.	12.3	325
7	Visual inspection of independent components: Defining a procedure for artifact removal from fMRI data. Journal of Neuroscience Methods, 2010, 189, 233-245.	2.5	320
8	Neurocognitive correlates of the COMT Val158Met polymorphism in chronic schizophrenia. Biological Psychiatry, 2002, 52, 701-707.	1.3	304
9	Microstructural White Matter Abnormalities and Remission of Geriatric Depression. American Journal of Psychiatry, 2008, 165, 238-244.	7.2	276
10	MRI study of white matter diffusion anisotropy in schizophrenia. NeuroReport, 2003, 14, 2025-2029.	1.2	242
11	Sex differences in brain activation pattern during a visuospatial cognitive task: a functional magnetic resonance imaging study in healthy volunteers. Neuroscience Letters, 2003, 344, 169-172.	2.1	236
12	Quantitative comparison of algorithms for inter-subject registration of 3D volumetric brain MRI scans. Journal of Neuroscience Methods, 2005, 142, 67-76.	2.5	216
13	Frontal white matter microstructure, aggression, and impulsivity in men with schizophrenia: a preliminary study. Biological Psychiatry, 2002, 52, 9-14.	1.3	204
14	How and why do the two cerebral hemispheres interact?. Psychological Bulletin, 1994, 116, 195-219.	6.1	161
15	Amygdalofrontal Functional Disconnectivity and Aggression in Schizophrenia. Schizophrenia Bulletin, 2010, 36, 1020-1028.	4.3	136
16	A DTI study of white matter microstructure in individuals at high genetic risk for schizophrenia. Schizophrenia Research, 2008, 106, 115-124.	2.0	128
17	Cortical Thinning, Functional Connectivity, and Mood-Related Impulsivity in Schizophrenia: Relationship to Aggressive Attitudes and Behavior. American Journal of Psychiatry, 2014, 171, 939-948.	7.2	128
18	Decreased interhemispheric coordination in schizophrenia: A resting state fMRI study. Schizophrenia Research, 2012, 141, 1-7.	2.0	126

#	ARTICLE	IF	CITATIONS
19	The Neural Substrates of Impaired Prosodic Detection in Schizophrenia and Its Sensorial Antecedents. <i>American Journal of Psychiatry</i> , 2007, 164, 474-482.	7.2	122
20	Early Sensory Contributions to Contextual Encoding Deficits in Schizophrenia. <i>Archives of General Psychiatry</i> , 2011, 68, 654.	12.3	122
21	White-Matter Integrity Predicts Stroop Performance in Patients with Geriatric Depression. <i>Biological Psychiatry</i> , 2007, 61, 1007-1010.	1.3	116
22	Brain activation pattern during a verbal fluency test in healthy male and female volunteers: a functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2003, 352, 191-194.	2.1	104
23	DTI and impulsivity in schizophrenia: a first voxelwise correlational analysis. <i>NeuroReport</i> , 2004, 15, 2467-2470.	1.2	103
24	The salience network in the apathy of late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2014, 29, 1116-1124.	2.7	103
25	Anterior cingulate cortical volumes and treatment remission of geriatric depression. <i>International Journal of Geriatric Psychiatry</i> , 2009, 24, 829-836.	2.7	100
26	Serotonin transporter polymorphisms, microstructural white matter abnormalities and remission of geriatric depression. <i>Journal of Affective Disorders</i> , 2009, 119, 132-141.	4.1	98
27	Functional connectivity in apathy of late-life depression: A preliminary study. <i>Journal of Affective Disorders</i> , 2013, 149, 398-405.	4.1	98
28	BDNF Val66met polymorphism, white matter abnormalities and remission of geriatric depression. <i>Journal of Affective Disorders</i> , 2010, 125, 262-268.	4.1	93
29	Neural mechanisms of mismatch negativity dysfunction in schizophrenia. <i>Molecular Psychiatry</i> , 2017, 22, 1585-1593.	7.9	92
30	Abnormal white matter integrity in healthy apolipoprotein E epsilon4 carriers. <i>NeuroReport</i> , 2005, 16, 1369-1372.	1.2	89
31	Neural Substrates of Auditory Emotion Recognition Deficits in Schizophrenia. <i>Journal of Neuroscience</i> , 2015, 35, 14909-14921.	3.6	80
32	Impulsivity and aggression in schizophrenia: a neural circuitry perspective with implications for treatment. <i>CNS Spectrums</i> , 2015, 20, 280-286.	1.2	80
33	Clinical Prediction of Assaultive Behavior Among Male Psychiatric Patients at a Maximum-Security Forensic Facility. <i>Psychiatric Services</i> , 1999, 50, 1461-1466.	2.0	79
34	Quantitative MRI measures of orbitofrontal cortex in patients with chronic schizophrenia or schizoaffective disorder. <i>Psychiatry Research - Neuroimaging</i> , 2005, 140, 133-145.	1.8	79
35	MRI signal hyperintensities and treatment remission of geriatric depression. <i>Journal of Affective Disorders</i> , 2010, 126, 395-401.	4.1	77
36	Assessing white matter integrity as a function of abstinence duration in former cocaine-dependent individuals. <i>Drug and Alcohol Dependence</i> , 2010, 114, 159-68.	3.2	77

#	ARTICLE	IF	CITATIONS
37	White matter integrity and lack of insight in schizophrenia and schizoaffective disorder. <i>Schizophrenia Research</i> , 2011, 128, 76-82.	2.0	77
38	Effects of Antipsychotic Medication on Brain Structure in Patients With Major Depressive Disorder and Psychotic Features. <i>JAMA Psychiatry</i> , 2020, 77, 674.	11.0	76
39	Hippocampal Volumes and the Brain-Derived Neurotrophic Factor val66met Polymorphism in Geriatric Major Depression. <i>American Journal of Geriatric Psychiatry</i> , 2011, 19, 13-22.	1.2	73
40	Macromolecular White Matter Abnormalities in Geriatric Depression: A Magnetization Transfer Imaging Study. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 255-262.	1.2	70
41	Homotopic connectivity in drug-naïve, first-episode, early-onset schizophrenia. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 432-443.	5.2	61
42	Functional connectivity fMRI in mouse brain at 7T using isoflurane. <i>Journal of Neuroscience Methods</i> , 2013, 214, 144-148.	2.5	59
43	Neuroanatomical correlates of apathy in late-life depression and antidepressant treatment response. <i>Journal of Affective Disorders</i> , 2014, 166, 179-186.	4.1	58
44	Perceptual asymmetries in left- and right-handers for cartoon and real faces. <i>Brain and Cognition</i> , 1988, 8, 178-188.	1.8	57
45	Self-report and laboratory measures of impulsivity in patients with schizophrenia or schizoaffective disorder and healthy controls. <i>Psychiatry Research</i> , 2011, 187, 301-303.	3.3	56
46	Contributions of Low and High Spatial Frequency Processing to Impaired Object Recognition Circuitry in Schizophrenia. <i>Cerebral Cortex</i> , 2013, 23, 1849-1858.	2.9	55
47	Voxelwise Correlational Analyses of White Matter Integrity in Multiple Cognitive Domains in Schizophrenia. <i>American Journal of Psychiatry</i> , 2006, 163, 2008-2010.	7.2	53
48	Neuroimaging Studies of Violence and Antisocial Behavior. <i>Journal of Psychiatric Practice</i> , 2003, 9, 265-278.	0.7	52
49	Macromolecular White Matter Abnormalities in Geriatric Depression: A Magnetization Transfer Imaging Study. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 255-262.	1.2	52
50	Neuroimaging correlates of aggression in schizophrenia: an update. <i>Current Opinion in Psychiatry</i> , 2011, 24, 100-106.	6.3	51
51	Baseline eeg asymmetries and performance on neuropsychological tasks. <i>Neuropsychologia</i> , 1998, 36, 1343-1353.	1.6	50
52	Comparison of psychophysical, electrophysiological, and fMRI assessment of visual contrast responses in patients with schizophrenia. <i>NeuroImage</i> , 2013, 67, 153-162.	4.2	47
53	Visual White Matter Integrity in Schizophrenia. <i>American Journal of Psychiatry</i> , 2006, 163, 2011-2013.	7.2	44
54	The impact of white matter hyperintensities on the structural connectome in late-life depression: Relationship to executive functions. <i>NeuroImage: Clinical</i> , 2019, 23, 101852.	2.7	44

#	ARTICLE	IF	CITATIONS
55	The 5% difference: early sensory processing predicts sarcasm perception in schizophrenia and schizo-affective disorder. <i>Psychological Medicine</i> , 2014, 44, 25-36.	4.5	43
56	Brain morphometry using diffusion-weighted magnetic resonance imaging: application to schizophrenia. <i>NeuroReport</i> , 2005, 16, 1455-1459.	1.2	41
57	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> , 2019, 12, 981-991.	1.6	39
58	Voxelwise Correlational Analyses of White Matter Integrity in Multiple Cognitive Domains in Schizophrenia. <i>American Journal of Psychiatry</i> , 2006, 163, 2008.	7.2	39
59	Age-related changes in brain: I. Magnetic resonance imaging measures of temporal lobe volumes in normal subjects. <i>Psychiatric Quarterly</i> , 1995, 66, 343-355.	2.1	38
60	Aggression and Quantitative MRI Measures of Caudate in Patients With Chronic Schizophrenia or Schizoaffective Disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2006, 18, 509-515.	1.8	38
61	Blood pressure and white matter integrity in geriatric depression. <i>Journal of Affective Disorders</i> , 2009, 115, 171-176.	4.1	35
62	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> , 2010, 153B, 885-894.	1.7	35
63	Diffusion tensor imaging of traumatic brain injury review: Implications for neurorehabilitation. <i>NeuroRehabilitation</i> , 2012, 31, 281-293.	1.3	35
64	The Neural Substrates of Impaired Prosodic Detection in Schizophrenia and Its Sensorial Antecedents. <i>American Journal of Psychiatry</i> , 2007, 164, 474.	7.2	35
65	Aggression and Quantitative MRI Measures of Caudate in Patients With Chronic Schizophrenia or Schizoaffective Disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2006, 18, 509-515.	1.8	35
66	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> , 2016, 42, 963-974.	4.3	34
67	Sensory and cross-network contributions to response inhibition in patients with schizophrenia. <i>NeuroImage: Clinical</i> , 2018, 18, 31-39.	2.7	34
68	Do cognitive deficits predict negative emotionality and aggression in schizophrenia?. <i>Psychiatry Research</i> , 2018, 259, 350-357.	3.3	33
69	Structural Neuroimaging Research Methods in Geriatric Depression. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 812-822.	1.2	30
70	State-dependent functional connectivity of rat olfactory system assessed by fMRI. <i>Neuroscience Letters</i> , 2011, 497, 69-73.	2.1	27
71	Hybrid ICA-Seed-Based Methods for fMRI Functional Connectivity Assessment: A Feasibility Study. <i>International Journal of Biomedical Imaging</i> , 2010, 2010, 1-24.	3.9	24
72	Visual White Matter Integrity in Schizophrenia. <i>American Journal of Psychiatry</i> , 2006, 163, 2011.	7.2	24

#	ARTICLE	IF	CITATIONS
73	Cognitive Control Network Homogeneity and Executive Functions in Late-Life Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 213-221.	1.5	23
74	Structural brain networks in remitted psychotic depression. <i>Neuropsychopharmacology</i> , 2020, 45, 1223-1231.	5.4	17
75	Resting State Functional Connectivity and Outcomes of Psychotherapies for Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 859-868.	1.2	15
76	Network-level mechanisms underlying effects of transcranial direct current stimulation (tDCS) on visuomotor learning. <i>NeuroImage</i> , 2020, 223, 117311.	4.2	14
77	Age differences in visual evoked potential estimates on interhemispheric transfer. <i>Neuropsychology</i> , 1996, 10, 263-271.	1.3	13
78	Late-life depression accentuates cognitive weaknesses in older adults with small vessel disease. <i>Neuropsychopharmacology</i> , 2022, 47, 580-587.	5.4	12
79	Aberrant response inhibition and task switching in psychopathic individuals. <i>Psychiatry Research</i> , 2015, 229, 1017-1023.	3.3	11
80	Neurophysiological, Oculomotor, and Computational Modeling of Impaired Reading Ability in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 97-107.	4.3	11
81	Resting state functional connectivity in patients with remitted psychotic depression: A multi-centre STOP-PD study. <i>EBioMedicine</i> , 2018, 36, 446-453.	6.1	10
82	Neural Foundations of Mood-Induced Impulsivity and Impulsive Aggression in Schizophrenia. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 248-255.	1.3	8
83	Longitudinal examination of the relationship between changes in white matter organization and cognitive outcome in chronic TBI. <i>Brain Injury</i> , 2019, 33, 846-853.	1.2	7
84	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> , 2019, 243, 62-69.	4.1	7
85	Cortical Thickness of the Salience Network and Change in Apathy Following Antidepressant Treatment for Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 241-248.	1.2	7
86	Extracting information from functional connectivity maps via function-on-scalar regression. <i>NeuroImage</i> , 2011, 56, 140-148.	4.2	5
87	Influences on childhood depressive symptoms: The effects of trauma and distress tolerance across age and sex groups. <i>Journal of Affective Disorders</i> , 2021, 283, 373-376.	4.1	3
88	Estimated Regional White Matter Hyperintensity Burden, Resting State Functional Connectivity, and Cognitive Functions in Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 269-280.	1.2	3
89	Relationships between Diffusion Tensor Imaging and Resting State Functional Connectivity in Patients with Schizophrenia and Healthy Controls: A Preliminary Study. <i>Brain Sciences</i> , 2022, 12, 156.	2.3	3
90	Replicability in Brain Imaging. <i>Brain Sciences</i> , 2022, 12, 397.	2.3	3

#	ARTICLE	IF	CITATIONS
91	Advocating for well-defined and validated procedures: Comment on Griffanti et al., Neuroimage 154:188-205. Journal of Neuroscience Methods, 2017, 290, 24-26.	2.5	2
92	Omission of temporal nuisance regressors from dual regression can improve accuracy of fMRI functional connectivity maps. Human Brain Mapping, 2019, 40, 4005-4025.	3.6	2
93	Grant Report on Social Reward Learning in Schizophrenia. Journal of Psychiatry and Brain Science, 2020, 5, .	0.5	2
94	The Quest for Psychiatric Advancement through Theory, beyond Serendipity. Brain Sciences, 2022, 12, 72.	2.3	2
95	Seed-based dual regression: An illustration of the impact of dual regression's inherent filtering of global signal. Journal of Neuroscience Methods, 2022, 366, 109410.	2.5	1
96	What Do These Findings Tell Us? Comment on Tinella et al. Cognitive Efficiency and Fitness-to-Drive along the Lifespan: The Mediation Effect of Visuospatial Transformations. Brain Sci. 2021, 11, 1028. Brain Sciences, 2022, 12, 165.	2.3	1
97	Transcranial Direct Current Stimulation Effects on Time/Frequency Relationships in Patients with Schizophrenia. Brain Stimulation, 2014, 7, e7-e8.	1.6	0
98	Resting State Functional Connectivity of the Reward System and Outcomes in Psychotherapies for Late-Life Depression. Biological Psychiatry, 2020, 87, S439.	1.3	0
99	Comparable Dopamine 2 Receptor Occupancy. American Journal of Psychiatry, 2002, 159, 2118-2118.	7.2	0
100	Postmortem and In Vivo Structural Pathology in Schizophrenia. , 2011, , 281-302.		0
101	PATTERN CLASSIFICATION OF BRAIN DIFFUSION MRI: APPLICATION TO SCHIZOPHRENIA DIAGNOSIS. Series in Computer Vision, 2014, , 289-308.	0.1	0
102	Effects of Antipsychotic Medications on Brain Structure: Data from a Randomized, Double-Blind Placebo-Controlled Study. SSRN Electronic Journal, 0, , .	0.4	0