Matthew J Hoptman

List of Publications by Year
in descending order

98 papers	10,995 citations	41258 49 h-index	42291 92 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.	3.3	2,703
2	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. Frontiers in Neuroscience, 2012, 6, 152.	1.4	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.	4.0	493
4	Amplitude of low-frequency oscillations in schizophrenia: A resting state fMRI study. Schizophrenia Research, 2010, 117, 13-20.	1.1	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.	2.0	357
6	Early-Stage Visual Processing and Cortical Amplification Deficits in Schizophrenia. Archives of General Psychiatry, 2005, 62, 495.	13.8	325
7	Visual inspection of independent components: Defining a procedure for artifact removal from fMRI data. Journal of Neuroscience Methods, 2010, 189, 233-245.	1.3	320
8	Neurocognitive correlates of the COMT Val158Met polymorphism in chronic schizophrenia. Biological Psychiatry, 2002, 52, 701-707.	0.7	304
9	Microstructural White Matter Abnormalities and Remission of Geriatric Depression. American Journal of Psychiatry, 2008, 165, 238-244.	4.0	276
10	MRI study of white matter diffusion anisotropy in schizophrenia. NeuroReport, 2003, 14, 2025-2029.	0.6	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.	1.0	236
12	Quantitative comparison of algorithms for inter-subject registration of 3D volumetric brain MRI scans. Journal of Neuroscience Methods, 2005, 142, 67-76.	1.3	216
13	Frontal white matter microstructure, aggression, and impulsivity in men with schizophrenia: a preliminary study. Biological Psychiatry, 2002, 52, 9-14.	0.7	204
14	How and why do the two cerebral hemispheres interact?. Psychological Bulletin, 1994, 116, 195-219.	5.5	161
15	Amygdalofrontal Functional Disconnectivity and Aggression in Schizophrenia. Schizophrenia Bulletin, 2010, 36, 1020-1028.	2.3	136
16	A DTI study of white matter microstructure in individuals at high genetic risk for schizophrenia. Schizophrenia Research, 2008, 106, 115-124.	1.1	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.	4.0	128
18	Decreased interhemispheric coordination in schizophrenia: A resting state fMRI study. Schizophrenia Research, 2012, 141, 1-7.	1.1	126

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19	The Neural Substrates of Impaired Prosodic Detection in Schizophrenia and Its Sensorial Antecedents. American Journal of Psychiatry, 2007, 164, 474-482.	4.0	122
20	Early Sensory Contributions to Contextual Encoding Deficits in Schizophrenia. Archives of General Psychiatry, 2011, 68, 654.	13.8	122
21	White-Matter Integrity Predicts Stroop Performance in Patients with Geriatric Depression. Biological Psychiatry, 2007, 61, 1007-1010.	0.7	116
22	Brain activation pattern during a verbal fluency test in healthy male and female volunteers: a functional magnetic resonance imaging study. Neuroscience Letters, 2003, 352, 191-194.	1.0	104
23	DTI and impulsivity in schizophrenia: a first voxelwise correlational analysis. NeuroReport, 2004, 15, 2467-2470.	0.6	103
24	The salience network in the apathy of lateâ€life depression. International Journal of Geriatric Psychiatry, 2014, 29, 1116-1124.	1.3	103
25	Anterior cingulate cortical volumes and treatment remission of geriatric depression. International Journal of Geriatric Psychiatry, 2009, 24, 829-836.	1.3	100
26	Serotonin transporter polymorphisms, microstructural white matter abnormalities and remission of geriatric depression. Journal of Affective Disorders, 2009, 119, 132-141.	2.0	98
27	Functional connectivity in apathy of late-life depression: A preliminary study. Journal of Affective Disorders, 2013, 149, 398-405.	2.0	98
28	BDNF Val66met polymorphism, white matter abnormalities and remission of geriatric depression. Journal of Affective Disorders, 2010, 125, 262-268.	2.0	93
29	Neural mechanisms of mismatch negativity dysfunction in schizophrenia. Molecular Psychiatry, 2017, 22, 1585-1593.	4.1	92
30	Abnormal white matter integrity in healthy apolipoprotein E epsilon4 carriers. NeuroReport, 2005, 16, 1369-1372.	0.6	89
31	Neural Substrates of Auditory Emotion Recognition Deficits in Schizophrenia. Journal of Neuroscience, 2015, 35, 14909-14921.	1.7	80
32	Impulsivity and aggression in schizophrenia: a neural circuitry perspective with implications for treatment. CNS Spectrums, 2015, 20, 280-286.	0.7	80
33	Clinical Prediction of Assaultive Behavior Among Male Psychiatric Patients at a Maximum-Security Forensic Facility. Psychiatric Services, 1999, 50, 1461-1466.	1.1	79
34	Quantitative MRI measures of orbitofrontal cortex in patients with chronic schizophrenia or schizoaffective disorder. Psychiatry Research - Neuroimaging, 2005, 140, 133-145.	0.9	79
35	MRI signal hyperintensities and treatment remission of geriatric depression. Journal of Affective Disorders, 2010, 126, 395-401.	2.0	77
36	Assessing white matter integrity as a function of abstinence duration in former cocaine-dependent individuals. Drug and Alcohol Dependence, 2010, 114, 159-68.	1.6	77

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37	White matter integrity and lack of insight in schizophrenia and schizoaffective disorder. Schizophrenia Research, 2011, 128, 76-82.	1.1	77
38	Effects of Antipsychotic Medication on Brain Structure in Patients With Major Depressive Disorder and Psychotic Features. JAMA Psychiatry, 2020, 77, 674.	6.0	76
39	Hippocampal Volumes and the Brain-Derived Neurotrophic Factor val66met Polymorphism in Geriatric Major Depression. American Journal of Geriatric Psychiatry, 2011, 19, 13-22.	0.6	73
40	Macromolecular White Matter Abnormalities in Geriatric Depression: A Magnetization Transfer Imaging Study. American Journal of Geriatric Psychiatry, 2008, 16, 255-262.	0.6	70
41	Homotopic connectivity in drugâ€naÃ¯ve, firstâ€episode, earlyâ€onset schizophrenia. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 432-443.	3.1	61
42	Functional connectivity fMRI in mouse brain at 7T using isoflurane. Journal of Neuroscience Methods, 2013, 214, 144-148.	1.3	59
43	Neuroanatomical correlates of apathy in late-life depression and antidepressant treatment response. Journal of Affective Disorders, 2014, 166, 179-186.	2.0	58
44	Perceptual asymmetries in left- and right-handers for cartoon and real faces. Brain and Cognition, 1988, 8, 178-188.	0.8	57
45	Self-report and laboratory measures of impulsivity in patients with schizophrenia or schizoaffective disorder and healthy controls. Psychiatry Research, 2011, 187, 301-303.	1.7	56
46	Contributions of Low and High Spatial Frequency Processing to Impaired Object Recognition Circuitry in Schizophrenia. Cerebral Cortex, 2013, 23, 1849-1858.	1.6	55
47	Voxelwise Correlational Analyses of White Matter Integrity in Multiple Cognitive Domains in Schizophrenia. American Journal of Psychiatry, 2006, 163, 2008-2010.	4.0	53
48	Neuroimaging Studies of Violence and Antisocial Behavior. Journal of Psychiatric Practice, 2003, 9, 265-278.	0.3	52
49	Macromolecular White Matter Abnormalities in Geriatric Depression: A Magnetization Transfer Imaging Study. American Journal of Geriatric Psychiatry, 2008, 16, 255-262.	0.6	52
50	Neuroimaging correlates of aggression in schizophrenia: an update. Current Opinion in Psychiatry, 2011, 24, 100-106.	3.1	51
51	Baseline eeg asymmetries and performance on neuropsychological tasks. Neuropsychologia, 1998, 36, 1343-1353.	0.7	50
52	Comparison of psychophysical, electrophysiological, and fMRI assessment of visual contrast responses in patients with schizophrenia. NeuroImage, 2013, 67, 153-162.	2.1	47
53	Visual White Matter Integrity in Schizophrenia. American Journal of Psychiatry, 2006, 163, 2011-2013.	4.0	44
54	The impact of white matter hyperintensities on the structural connectome in late-life depression: Relationship to executive functions. NeuroImage: Clinical, 2019, 23, 101852.	1.4	44

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55	The 5% difference: early sensory processing predicts sarcasm perception in schizophrenia and schizo-affective disorder. Psychological Medicine, 2014, 44, 25-36.	2.7	43
56	Brain morphometry using diffusion-weighted magnetic resonance imaging: application to schizophrenia. NeuroReport, 2005, 16, 1455-1459.	0.6	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. Brain Stimulation, 2019, 12, 981-991.	0.7	39
58	Age-related changes in brain: I. Magnetic resonance imaging measures of temporal lobe volumes in normal subjects. Psychiatric Quarterly, 1995, 66, 343-355.	1.1	38
59	Aggression and Quantitative MRI Measures of Caudate in Patients With Chronic Schizophrenia or Schizoaffective Disorder. Journal of Neuropsychiatry and Clinical Neurosciences, 2006, 18, 509-515.	0.9	38
60	Blood pressure and white matter integrity in geriatric depression. Journal of Affective Disorders, 2009, 115, 171-176.	2.0	35
61	Heritability estimates for cognitive factors and brain white matter integrity as markers of schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 885-894.	1.1	35
62	Diffusion tensor imaging of traumatic brain injury review: Implications for neurorehabilitation. NeuroRehabilitation, 2012, 31, 281-293.	0.5	35
63	Disturbances in Response Inhibition and Emotional Processing as Potential Pathways to Violence in Schizophrenia: A High-Density Event-Related Potential Study. Schizophrenia Bulletin, 2016, 42, 963-974.	2.3	34
64	Sensory and cross-network contributions to response inhibition in patients with schizophrenia. NeuroImage: Clinical, 2018, 18, 31-39.	1.4	34
65	Do cognitive deficits predict negative emotionality and aggression in schizophrenia?. Psychiatry Research, 2018, 259, 350-357.	1.7	33
66	Structural Neuroimaging Research Methods in Geriatric Depression. American Journal of Geriatric Psychiatry, 2006, 14, 812-822.	0.6	30
67	State-dependent functional connectivity of rat olfactory system assessed by fMRI. Neuroscience Letters, 2011, 497, 69-73.	1.0	27
68	Hybrid ICA-Seed-Based Methods for fMRI Functional Connectivity Assessment: A Feasibility Study. International Journal of Biomedical Imaging, 2010, 2010, 1-24.	3.0	24
69	Cognitive Control Network Homogeneity and Executive Functions in Late-Life Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 213-221.	1.1	23
70	Structural brain networks in remitted psychotic depression. Neuropsychopharmacology, 2020, 45, 1223-1231.	2.8	17
71	Resting State Functional Connectivity and Outcomes of Psychotherapies for Late-Life Depression. American Journal of Geriatric Psychiatry, 2020, 28, 859-868.	0.6	15
72	Network-level mechanisms underlying effects of transcranial direct current stimulation (tDCS) on visuomotor learning. NeuroImage, 2020, 223, 117311.	2.1	14

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73	Age differences in visual evoked potential estimates on interhemishperic transfer.. Neuropsychology, 1996, 10, 263-271.	1.0	13
74	Late-life depression accentuates cognitive weaknesses in older adults with small vessel disease. Neuropsychopharmacology, 2022, 47, 580-587.	2.8	12
75	Aberrant response inhibition and task switching in psychopathic individuals. Psychiatry Research, 2015, 229, 1017-1023.	1.7	11
76	Neurophysiological, Oculomotor, and Computational Modeling of Impaired Reading Ability in Schizophrenia. Schizophrenia Bulletin, 2021, 47, 97-107.	2.3	11
77	Resting state functional connectivity in patients with remitted psychotic depression: A multi-centre STOP-PD study. EBioMedicine, 2018, 36, 446-453.	2.7	10
78	Neural Foundations of Mood-Induced Impulsivity and Impulsive Aggression in Schizophrenia. Current Behavioral Neuroscience Reports, 2016, 3, 248-255.	0.6	8
79	Longitudinal examination of the relationship between changes in white matter organization and cognitive outcome in chronic TBI. Brain Injury, 2019, 33, 846-853.	0.6	7
80	White matter abnormalities predict residual negative self-referential thinking following treatment of late-life depression with escitalopram: A preliminary study. Journal of Affective Disorders, 2019, 243, 62-69.	2.0	7
81	Cortical Thickness of the Salience Network and Change in Apathy Following Antidepressant Treatment for Late-Life Depression. American Journal of Geriatric Psychiatry, 2021, 29, 241-248.	0.6	7
82	Extracting information from functional connectivity maps via function-on-scalar regression. NeuroImage, 2011, 56, 140-148.	2.1	5
83	Influences on childhood depressive symptoms: The effects of trauma and distress tolerance across age and sex groups. Journal of Affective Disorders, 2021, 283, 373-376.	2.0	3
84	Estimated Regional White Matter Hyperintensity Burden, Resting State Functional Connectivity, and Cognitive Functions in Older Adults. American Journal of Geriatric Psychiatry, 2022, 30, 269-280.	0.6	3
85	Relationships between Diffusion Tensor Imaging and Resting State Functional Connectivity in Patients with Schizophrenia and Healthy Controls: A Preliminary Study. Brain Sciences, 2022, 12, 156.	1.1	3
86	Replicability in Brain Imaging. Brain Sciences, 2022, 12, 397.	1.1	3
87	Advocating for well-defined and validated procedures: Comment on Griffanti et al., Neuroimage 154:188-205. Journal of Neuroscience Methods, 2017, 290, 24-26.	1.3	2
88	Omission of temporal nuisance regressors from dual regression can improve accuracy of fMRI functional connectivity maps. Human Brain Mapping, 2019, 40, 4005-4025.	1.9	2
89	Grant Report on Social Reward Learning in Schizophrenia. Journal of Psychiatry and Brain Science, 2020, 5, .	0.3	2
90	The Quest for Psychiatric Advancement through Theory, beyond Serendipity. Brain Sciences, 2022, 12, 72.	1.1	2

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91	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.	1.3	1
92	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.	1.1	1
93	Transcranial Direct Current Stimulation Effects on Time/Frequency Relationships in Patients with Schizophrenia. Brain Stimulation, 2014, 7, e7-e8.	0.7	0
94	Resting State Functional Connectivity of the Reward System and Outcomes in Psychotherapies for Late-Life Depression. Biological Psychiatry, 2020, 87, S439.	0.7	0
95	Comparable Dopamine 2 Receptor Occupancy. American Journal of Psychiatry, 2002, 159, 2118-2118.	4.0	0
96	Postmortem and In Vivo Structural Pathology in Schizophrenia. , 2011, , 281-302.		0
97	PATTERN CLASSIFICATION OF BRAIN DIFFUSION MRI: APPLICATION TO SCHIZOPHRENIA DIAGNOSIS. Series in Computer Vision, 2014, , 289-308.	0.1	0
98	Effects of Antipsychotic Medications on Brain Structure: Data from a Randomized, Double-Blind Placebo-Controlled Study. SSRN Electronic Journal, 0, , .	0.4	0