

Neil David Woodward

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

5,787
citations

136950

32
h-index

82547

72
g-index

113
all docs

113
docs citations

113
times ranked

7702
citing authors

#	ARTICLE	IF	CITATIONS
1	A meta-analysis of neuropsychological change to clozapine, olanzapine, quetiapine, and risperidone in schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2005, 8, 457-472.	2.1	516
2	Dopaminergic Network Differences in Human Impulsivity. <i>Science</i> , 2010, 329, 532-532.	12.6	506
3	Thalamocortical Dysconnectivity in Schizophrenia. <i>American Journal of Psychiatry</i> , 2012, 169, 1092-1099.	7.2	418
4	Mesolimbic dopamine reward system hypersensitivity in individuals with psychopathic traits. <i>Nature Neuroscience</i> , 2010, 13, 419-421.	14.8	401
5	Functional resting-state networks are differentially affected in schizophrenia. <i>Schizophrenia Research</i> , 2011, 130, 86-93.	2.0	322
6	Dopaminergic Mechanisms of Individual Differences in Human Effort-Based Decision-Making. <i>Journal of Neuroscience</i> , 2012, 32, 6170-6176.	3.6	319
7	Mapping Thalamocortical Functional Connectivity in Chronic and Early Stages of Psychotic Disorders. <i>Biological Psychiatry</i> , 2016, 79, 1016-1025.	1.3	202
8	Review of thalamocortical resting-state fMRI studies in schizophrenia. <i>Schizophrenia Research</i> , 2017, 180, 58-63.	2.0	157
9	Resting-State Functional Connectivity in Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2015, 72, 743.	11.0	152
10	BNST neurocircuitry in humans. <i>NeuroImage</i> , 2014, 91, 311-323.	4.2	145
11	Prefrontal-Thalamic Anatomical Connectivity and Executive Cognitive Function in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 509-517.	1.3	145
12	Dopamine D2 Receptor Levels in Striatum, Thalamus, Substantia Nigra, Limbic Regions, and Cortex in Schizophrenic Subjects. <i>Biological Psychiatry</i> , 2009, 65, 1024-1031.	1.3	126
13	A meta-analysis of cognitive change with haloperidol in clinical trials of atypical antipsychotics: Dose effects and comparison to practice effects. <i>Schizophrenia Research</i> , 2007, 89, 211-224.	2.0	125
14	Amphetamine-Induced Displacement of [¹⁸ F] Fallypride in Striatum and Extrastriatal Regions in Humans. <i>Neuropsychopharmacology</i> , 2006, 31, 1016-1026.	5.4	124
15	COMT val108/158met genotype, cognitive function, and cognitive improvement with clozapine in schizophrenia. <i>Schizophrenia Research</i> , 2007, 90, 86-96.	2.0	95
16	Sex Differences in Amphetamine-Induced Displacement of [¹⁸ F]Fallypride in Striatal and Extrastriatal Regions: A PET Study. <i>American Journal of Psychiatry</i> , 2006, 163, 1639-1641.	7.2	90
17	Thalamocortical Dysconnectivity in Autism Spectrum Disorder: An Analysis of the Autism Brain Imaging Data Exchange. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 76-84.	1.5	85
18	Reduced gray matter volume in psychotic disorder patients with a history of childhood sexual abuse. <i>Schizophrenia Research</i> , 2013, 143, 185-191.	2.0	83

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19	Abnormal prefrontal cortical activity and connectivity during response selection in first episode psychosis, chronic schizophrenia, and unaffected siblings of individuals with schizophrenia. <i>Schizophrenia Research</i> , 2009, 109, 182-190.	2.0	76
20	Correlation of Individual Differences in Schizotypal Personality Traits With Amphetamine-Induced Dopamine Release in Striatal and Extrastriatal Brain Regions. <i>American Journal of Psychiatry</i> , 2011, 168, 418-426.	7.2	73
21	Brain Structure in Neuropsychologically Defined Subgroups of Schizophrenia and Psychotic Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2015, 41, 1349-1359.	4.3	67
22	Cerebral morphology and dopamine D2/D3 receptor distribution in humans: A combined [18F]fallypride and voxel-based morphometry study. <i>NeuroImage</i> , 2009, 46, 31-38.	4.2	65
23	Hyperactivity and Reduced Activation of Anterior Hippocampus in Early Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 1030-1038.	7.2	65
24	Procedural learning in schizophrenia after 6 months of double-blind treatment with olanzapine, risperidone, and haloperidol. <i>Psychopharmacology</i> , 2003, 169, 390-397.	3.1	64
25	Regionally specific volume deficits along the hippocampal long axis in early and chronic psychosis. <i>NeuroImage: Clinical</i> , 2018, 20, 1106-1114.	2.7	64
26	Brain structure in autism: a voxel-based morphometry analysis of the Autism Brain Imaging Database Exchange (ABIDE). <i>Brain Imaging and Behavior</i> , 2017, 11, 541-551.	2.1	61
27	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. <i>PLoS ONE</i> , 2020, 15, e0236418.	2.5	60
28	The interrelationship of dopamine D2-like receptor availability in striatal and extrastriatal brain regions in healthy humans: A principal component analysis of [18F]fallypride binding. <i>NeuroImage</i> , 2010, 51, 53-62.	4.2	51
29	Eye-Movement Behavior Reveals Relational Memory Impairment in Schizophrenia. <i>Biological Psychiatry</i> , 2010, 68, 617-624.	1.3	46
30	A Thalamocortico-striatal Dopamine Network for Psychostimulant-Enhanced Human Cognitive Flexibility. <i>Biological Psychiatry</i> , 2013, 74, 99-105.	1.3	46
31	Procedural learning in schizophrenia investigated with functional magnetic resonance imaging. <i>Schizophrenia Research</i> , 2006, 88, 198-207.	2.0	44
32	Functional Connectivity of the Striatum in Schizophrenia and Psychotic Bipolar Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 956-965.	1.5	39
33	Accelerated brain aging predicts impaired cognitive performance and greater disability in geriatric but not midlife adult depression. <i>Translational Psychiatry</i> , 2020, 10, 317.	4.8	37
34	Schizotypy and clinical symptoms, cognitive function, and quality of life in individuals with a psychotic disorder. <i>Schizophrenia Research</i> , 2015, 166, 92-97.	2.0	36
35	Insula functional connectivity in schizophrenia. <i>Schizophrenia Research</i> , 2020, 220, 69-77.	2.0	35
36	Thalamocortical Anatomical Connectivity in Schizophrenia and Psychotic Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2020, 46, 1062-1071.	4.3	34

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37	Association of Sult4A1 SNPs with psychopathology and cognition in patients with schizophrenia or schizoaffective disorder. <i>Schizophrenia Research</i> , 2008, 106, 258-264.	2.0	33
38	The effect of adjunctive armodafinil on cognitive performance and psychopathology in antipsychotic-treated patients with schizophrenia/schizoaffective disorder: A randomized, double-blind, placebo-controlled trial. <i>Schizophrenia Research</i> , 2011, 130, 106-113.	2.0	32
39	Hippocampal volume in early psychosis: a 2-year longitudinal study. <i>Translational Psychiatry</i> , 2020, 10, 306.	4.8	31
40	Thalamic Nuclei Volumes in Psychotic Disorders and in Youths With Psychosis Spectrum Symptoms. <i>American Journal of Psychiatry</i> , 2020, 177, 1159-1167.	7.2	31
41	Intrinsic Functional Network Connectivity Is Associated With Clinical Symptoms and Cognition in Late-Life Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 160-170.	1.5	30
42	Neuropsychological functioning in early and chronic stages of schizophrenia and psychotic bipolar disorder. <i>Schizophrenia Research</i> , 2019, 206, 413-419.	2.0	29
43	An fMRI investigation of procedural learning in unaffected siblings of individuals with schizophrenia. <i>Schizophrenia Research</i> , 2007, 94, 306-316.	2.0	27
44	Prior MDMA (Ecstasy) use is associated with increased basal ganglia-thalamocortical circuit activation during motor task performance in humans: An fMRI study. <i>NeuroImage</i> , 2009, 46, 817-826.	4.2	27
45	Hierarchical spherical deformation for cortical surface registration. <i>Medical Image Analysis</i> , 2019, 57, 72-88.	11.6	27
46	BNST-insula structural connectivity in humans. <i>NeuroImage</i> , 2020, 210, 116555.	4.2	26
47	Insula sub-regions across the psychosis spectrum: morphology and clinical correlates. <i>Translational Psychiatry</i> , 2021, 11, 346.	4.8	26
48	Disrupted modulation of thalamus activation and thalamocortical connectivity during dual task performance in schizophrenia. <i>Schizophrenia Research</i> , 2019, 210, 270-277.	2.0	25
49	Human Ecstasy Use is Associated with Increased Cortical Excitability: An fMRI Study. <i>Neuropsychopharmacology</i> , 2011, 36, 1127-1141.	5.4	23
50	Disrupted Habituation in the Early Stage of Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 1004-1012.	1.5	21
51	Impaired relational memory in the early stage of psychosis. <i>Schizophrenia Research</i> , 2019, 212, 113-120.	2.0	21
52	The course of neuropsychological impairment and brain structure abnormalities in psychotic disorders. <i>Neuroscience Research</i> , 2016, 102, 39-46.	1.9	20
53	TRACE: A Topological Graph Representation for Automatic Sulcal Curve Extraction. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 1653-1663.	8.9	20
54	Prefrontal Cortex Activity during Response Selection Predicts Processing Speed Impairment in Schizophrenia. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 782-791.	1.8	19

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55	Cognitive motor impairments and brain structure in schizophrenia spectrum disorder patients with a history of catatonia. <i>Schizophrenia Research</i> , 2020, 222, 335-341.	2.0	19
56	Impaired associative inference in the early stage of psychosis. <i>Schizophrenia Research</i> , 2018, 202, 86-90.	2.0	17
57	Lower functional connectivity of white matter during rest and working memory tasks is associated with cognitive impairments in schizophrenia. <i>Schizophrenia Research</i> , 2021, 233, 101-110.	2.0	17
58	Cortical Surface Parcellation Using Spherical Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019, 11766, 501-509.	1.3	17
59	Increased Amplitude of Low Frequency Fluctuations but Normal Hippocampal-Default Mode Network Connectivity in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2015, 6, 92.	2.6	16
60	Accelerated Aging of Functional Brain Networks Supporting Cognitive Function in Psychotic Disorders. <i>Biological Psychiatry</i> , 2019, 86, 240-248.	1.3	16
61	Incomplete hippocampal inversion in schizophrenia: prevalence, severity, and impact on hippocampal structure. <i>Molecular Psychiatry</i> , 2021, 26, 5407-5416.	7.9	16
62	Brain function during stages of working memory in schizophrenia and psychotic bipolar disorder. <i>Neuropsychopharmacology</i> , 2019, 44, 2136-2142.	5.4	15
63	Procedural learning in first episode schizophrenia investigated with functional magnetic resonance imaging.. <i>Neuropsychology</i> , 2011, 25, 147-158.	1.3	14
64	Asymmetrical hand force persistence and neuroleptic treatment in schizophrenia. <i>Journal of the International Neuropsychological Society</i> , 2001, 7, 606-614.	1.8	13
65	Impact of substance use disorder on gray matter volume in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 280, 9-14.	1.8	13
66	Gray Matter Surface Based Spatial Statistics (GS-BSS) in Diffusion Microstructure. <i>Lecture Notes in Computer Science</i> , 2017, 10433, 638-646.	1.3	13
67	Relational Memory in the Early Stage of Psychosis: A 2-Year Follow-up Study. <i>Schizophrenia Bulletin</i> , 2021, 47, 75-86.	4.3	12
68	Characterizing effects of age, sex and psychosis symptoms on thalamocortical functional connectivity in youth. <i>NeuroImage</i> , 2021, 243, 118562.	4.2	12
69	Sulcal depth-based cortical shape analysis in normal healthy control and schizophrenia groups. , 2018, 10574, .		12
70	Preliminary Evidence That Cortical Amyloid Burden Predicts Poor Response to Antidepressant Medication Treatment in Cognitively Intact Individuals With Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 448-457.	1.2	11
71	Childhood temperament is associated with distress, anxiety and reduced quality of life in schizophrenia spectrum disorders. <i>Psychiatry Research</i> , 2019, 275, 196-203.	3.3	9
72	Cerebellar Structure and Cognitive Ability in Psychosis. <i>Biological Psychiatry</i> , 2022, 92, 385-395.	1.3	9

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73	Right Fronto-Subcortical White Matter Microstructure Predicts Cognitive Control Ability on the Go/No-go Task in a Community Sample. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 127.	2.0	8
74	Elevated Thresholds for Light Touch in Children With Autism Reflect More Conservative Perceptual Decision-Making Rather Than a Sensory Deficit. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 122.	2.0	8
75	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 782-792.	1.5	8
76	Response selection impairment in schizophrenia transcends sensory and motor modalities. <i>Schizophrenia Research</i> , 2014, 152, 446-449.	2.0	7
77	Intact associative learning in patients with schizophrenia: Evidence from a Go/NoGo paradigm. <i>Schizophrenia Research</i> , 2010, 122, 131-135.	2.0	6
78	Neuroanatomical correlates of perceptual aberrations in psychosis. <i>Schizophrenia Research</i> , 2017, 179, 125-131.	2.0	6
79	Habituation during encoding: A new approach to the evaluation of memory deficits in schizophrenia. <i>Schizophrenia Research</i> , 2020, 223, 179-185.	2.0	6
80	Stable habituation deficits in the early stage of psychosis: a 2-year follow-up study. <i>Translational Psychiatry</i> , 2021, 11, 20.	4.8	6
81	BNST and amygdala connectivity are altered during threat anticipation in schizophrenia. <i>Behavioural Brain Research</i> , 2021, 412, 113428.	2.2	6
82	Thalamocortical Functional Connectivity, Cognitive Impairment, and Cognitive Remediation in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 307-309.	1.5	4
83	Improving human cortical sulcal curve labeling in large scale cross-sectional MRI using deep neural networks. <i>Journal of Neuroscience Methods</i> , 2019, 324, 108311.	2.5	4
84	Improved gray matter surface based spatial statistics in neuroimaging studies. <i>Magnetic Resonance Imaging</i> , 2019, 61, 285-295.	1.8	4
85	Attention-deficit/hyperactivity disorder in youth with psychosis spectrum symptoms. <i>Schizophrenia Research</i> , 2021, 237, 141-147.	2.0	4
86	Anterior hippocampal dysfunction in early psychosis: a 2-year follow-up study. <i>Psychological Medicine</i> , 2023, 53, 160-169.	4.5	3
87	Evidence for inhibited temperament as a transdiagnostic factor across mood and psychotic disorders. <i>Journal of Affective Disorders</i> , 2020, 274, 995-1003.	4.1	3
88	Increased amplitude of hippocampal low frequency fluctuations in early psychosis: A two-year follow-up study. <i>Schizophrenia Research</i> , 2022, 241, 260-266.	2.0	3
89	Harmonization of White and Gray Matter Features in Diffusion Microarchitecture for Cross-Sectional Studies. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2019, , 21-29.	0.5	2
90	Incomplete Hippocampal Inversion: A Neurodevelopmental Mechanism for Hippocampal Shape Deformation in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 92, 314-322.	1.3	2

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91	T222. Functional Brain Activation and Grey Matter Integrity in Psychosis: A Combined Functional Magnetic Resonance and Neurite Orientation Distribution and Density Imaging Study. <i>Biological Psychiatry</i> , 2018, 83, S214-S215.	1.3	1
92	Relational memory in the early stage of psychotic bipolar disorder. <i>Psychiatry Research</i> , 2020, 294, 113508.	3.3	1
93	The Clinical Phenotypes of Anhedonia in Late Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, S87-S88.	1.2	0
94	F82. Latent Factors of Psychopathology and Functional Connectivity of the Dorsal Anterior Cingulate Cortex During Reward Anticipation. <i>Biological Psychiatry</i> , 2018, 83, S269-S270.	1.3	0
95	F48. NEUROPSYCHOLOGICAL FUNCTIONING IN EARLY AND CHRONIC STAGES OF SCHIZOPHRENIA AND PSYCHOTIC BIPOLAR DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S273-S274.	4.3	0
96	F85. DISRUPTION OF POSTERIOR PARIETAL CORTEX AND STRIATUM DURING SPATIAL WORKING MEMORY IN SCHIZOPHRENIA AND BIPOLAR DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S286-S286.	4.3	0
97	F63. INHIBITED TEMPERAMENT IS A TRANSDIAGNOSTIC FACTOR ACROSS SCHIZOPHRENIA, PSYCHOTIC BIPOLAR DISORDER, AND MAJOR DEPRESSIVE DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S278-S279.	4.3	0
98	25.4 ACCELERATED AGING OF FUNCTIONAL BRAIN NETWORKS SUPPORTING COGNITIVE FUNCTION IN PSYCHOTIC DISORDERS. <i>Schizophrenia Bulletin</i> , 2019, 45, S130-S131.	4.3	0
99	19.4 RELATIONAL MEMORY AND HIPPOCAMPAL FUNCTION IN EARLY AND CHRONIC SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2019, 45, S120-S121.	4.3	0
100	F192. Abnormal Insula Functional Connectivity Explains Specific Domains of Psychosis in Schizophrenia. <i>Biological Psychiatry</i> , 2019, 85, S287-S288.	1.3	0
101	Breadth of Psychiatric Symptoms: A Phenotypic Index Associated With Grey Matter Volume Reductions. <i>Biological Psychiatry</i> , 2020, 87, S26-S27.	1.3	0
102	Mapping Neurodevelopmental Trajectories of Thalamo-Cortical Systems Across the Mental Health Spectra. <i>Biological Psychiatry</i> , 2020, 87, S411-S412.	1.3	0
103	Deep phenotyping of symptom domains in late-life depression associated with distinct cognitive and disability profiles. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, S27.	1.2	0
104	Constructing statistically unbiased cortical surface templates using feature-space covariance. , 2018, 10574, .		0
105	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
106	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
107	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
108	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0

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109	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
110	Distortion correction of diffusion weighted MRI without reverse phase-encoding scans or field-maps. , 2020, 15, e0236418.		0
111	P415. Characterizing Age Effects of Thalamic Nuclei Volumes Across the Lifespan. Biological Psychiatry, 2022, 91, S255.	1.3	0