

# James A Waltz

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

6,154  
citations

136950

32  
h-index

91884

69  
g-index

88  
all docs

88  
docs citations

88  
times ranked

5641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracting brain disease-related connectome subgraphs by adaptive dense subgraph discovery. <i>Biometrics</i> , 2022, 78, 1566-1578.	1.4	7
2	Association Between Failures in Perceptual Updating and the Severity of Psychosis in Schizophrenia. <i>JAMA Psychiatry</i> , 2022, 79, 169.	11.0	9
3	OUP accepted manuscript. <i>Schizophrenia Bulletin</i> , 2022, , .	4.3	2
4	An integrated clusterwise significance measure for <scp>fMRI</scp> analysis. <i>Human Brain Mapping</i> , 2022, 43, 2444-2459.	3.6	2
5	Three prominent self-report risk measures show unique and overlapping utility in characterizing those at clinical high-risk for psychosis. <i>Schizophrenia Research</i> , 2022, 244, 58-65.	2.0	0
6	From Childhood Trauma to Delusions: It's Complicated. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 633-634.	1.5	0
7	Retention of Value Representations Across Time in People With Schizophrenia and Healthy Control Subjects. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 420-428.	1.5	3
8	Computerized Assessment of Psychosis Risk. <i>Journal of Psychiatry and Brain Science</i> , 2021, 6, .	0.5	3
9	All or nothing belief updating in patients with schizophrenia reduces precision and flexibility of beliefs. <i>Brain</i> , 2021, 144, 1013-1029.	7.6	30
10	Link predictions for incomplete network data with outcome misclassification. <i>Statistics in Medicine</i> , 2021, 40, 1519-1534.	1.6	0
11	Temporal-thalamic and cingulo-opercular connectivity in people with schizophrenia. <i>NeuroImage: Clinical</i> , 2021, 29, 102531.	2.7	9
12	White matter brain aging in relationship to schizophrenia and its cognitive deficit. <i>Schizophrenia Research</i> , 2021, 230, 9-16.	2.0	20
13	Increased face detection responses on the mooney faces test in people at clinical high risk for psychosis. <i>NPJ Schizophrenia</i> , 2021, 7, 26.	3.6	9
14	Saliency Signaling in Psychosis Risk States: Amygdala and Insula Abnormalities in Association With Illness Severity. <i>Biological Psychiatry</i> , 2021, 89, S363.	1.3	0
15	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	11.0	74
16	Bayes estimate of primary threshold in clusterwise functional magnetic resonance imaging inferences. <i>Statistics in Medicine</i> , 2021, 40, 5673-5689.	1.6	3
17	Relations Among Anhedonia, Reinforcement Learning, and Global Functioning in Help-seeking Youth. <i>Schizophrenia Bulletin</i> , 2021, 47, 1534-1543.	4.3	4
18	Predicting Attention-Shaping Response in People With Schizophrenia. <i>Journal of Nervous and Mental Disease</i> , 2021, 209, 203-207.	1.0	0

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19	Schizophrenia Patients Show Largely Similar Salience Signaling Compared to Healthy Controls in an Observational Task Environment. <i>Brain Sciences</i> , 2021, 11, 1610.	2.3	0
20	Evidence of reward system dysfunction in youth at clinical high-risk for psychosis from two event-related fMRI paradigms. <i>Schizophrenia Research</i> , 2020, 226, 111-119.	2.0	23
21	Enhancing Psychosis Risk Prediction Through Computational Cognitive Neuroscience. <i>Schizophrenia Bulletin</i> , 2020, 46, 1346-1352.	4.3	13
22	Overweighting of Initial Motion Information Correlates With Severity of Positive Symptoms in Schizophrenia. <i>Biological Psychiatry</i> , 2020, 87, S207-S208.	1.3	1
23	Negative Symptoms in People With Schizophrenia are Associated With Reduced Long-Term Retention of Reward Information. <i>Biological Psychiatry</i> , 2020, 87, S310-S311.	1.3	0
24	Altered Attribution of Temporal Causality During Intentional Action is Differentially Associated With Grandiosity and Passivity Type Delusions. <i>Biological Psychiatry</i> , 2020, 87, S360-S361.	1.3	0
25	Differential Effects of Psychotic Illness on Directed and Random Exploration. <i>Computational Psychiatry</i> , 2020, 4, 18.	2.0	8
26	Increased conflict-induced slowing, but no differences in conflict-induced positive or negative prediction error learning in patients with schizophrenia. <i>Neuropsychologia</i> , 2019, 123, 131-140.	1.6	7
27	F9. REDUCED UNCERTAINTY-DRIVEN EXPLORATION AND ASSOCIATED NEURAL REWARD-RELATED SIGNALS RELATE TO MOTIVATIONAL DEFICIT SEVERITY. <i>Schizophrenia Bulletin</i> , 2019, 45, S257-S258.	4.3	0
28	S45. DEFICITS IN INFORMATION-SEEKING BEHAVIOR IN SCHIZOPHRENIA: AN ALTERNATIVE MECHANISM OF AVOLITION. <i>Schizophrenia Bulletin</i> , 2019, 45, S323-S323.	4.3	2
29	Impaired Expected Value Computations in Schizophrenia Are Associated With a Reduced Ability to Integrate Reward Probability and Magnitude of Recent Outcomes. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 280-290.	1.5	13
30	T47. REINFORCEMENT LEARNING IMPAIRMENT AND PRIMARY NEGATIVE SYMPTOMS IN INDIVIDUALS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2019, 45, S222-S222.	4.3	1
31	Towards a Unifying Cognitive, Neurophysiological, and Computational Neuroscience Account of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 1092-1100.	4.3	83
32	Impaired Expected Value Computations Coupled With Overreliance on Stimulus-Response Learning in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 916-926.	1.5	14
33	Modeling Negative Symptoms in Schizophrenia. , 2018, , 219-246.		1
34	Motivational Deficits in Schizophrenia Are Associated With Reduced Differentiation Between Gain and Loss-Avoidance Feedback in the Striatum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 239-247.	1.5	31
35	The neural underpinnings of cognitive flexibility and their disruption in psychotic illness. <i>Neuroscience</i> , 2017, 345, 203-217.	2.3	82
36	Interactions Among Working Memory, Reinforcement Learning, and Effort in Value-Based Choice: A New Paradigm and Selective Deficits in Schizophrenia. <i>Biological Psychiatry</i> , 2017, 82, 431-439.	1.3	88

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37	Glutamatergic metabolites among adolescents at risk for psychosis. <i>Psychiatry Research</i> , 2017, 257, 179-185.	3.3	19
38	Dissociable Effects of Cocaine Dependence on Reward Processes: The Role of Acute Cocaine and Craving. <i>Neuropsychopharmacology</i> , 2017, 42, 736-747.	5.4	8
39	Mild Reinforcement Learning Deficits in Patients With First-Episode Psychosis. <i>Schizophrenia Bulletin</i> , 2016, 42, 1476-1485.	4.3	26
40	Probability and magnitude evaluation in schizophrenia. <i>Schizophrenia Research: Cognition</i> , 2016, 5, 41-46.	1.3	11
41	Intact Ventral Striatal Prediction Error Signaling in Medicated Schizophrenia Patients. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 474-483.	1.5	34
42	Probabilistic Reversal Learning in Schizophrenia: Stability of Deficits and Potential Causal Mechanisms. <i>Schizophrenia Bulletin</i> , 2016, 42, 942-951.	4.3	73
43	Reduction of Pavlovian Bias in Schizophrenia: Enhanced Effects in Clozapine-Administered Patients. <i>PLoS ONE</i> , 2016, 11, e0152781.	2.5	19
44	Motivational Deficits in Schizophrenia and the Representation of Expected Value. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 27, 375-410.	1.7	61
45	Reinforcement Learning Performance and Risk for Psychosis in Youth. <i>Journal of Nervous and Mental Disease</i> , 2015, 203, 919-926.	1.0	22
46	Probing the Dynamic Updating of Value in Schizophrenia Using a Sensory-Specific Satiety Paradigm. <i>Schizophrenia Bulletin</i> , 2015, 41, 1115-1122.	4.3	12
47	Integrating frequency and magnitude information in decision-making in schizophrenia: An account of patient performance on the Iowa Gambling Task. <i>Journal of Psychiatric Research</i> , 2015, 66-67, 16-23.	3.1	43
48	Effort Cost Computation in Schizophrenia: A Commentary on the Recent Literature. <i>Biological Psychiatry</i> , 2015, 78, 747-753.	1.3	88
49	Rasagiline in the Treatment of the Persistent Negative Symptoms of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 900-908.	4.3	17
50	Cognitive effort avoidance and detection in people with schizophrenia. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 145-154.	2.0	79
51	Temporal Difference Error Prediction Signal Dysregulation in Cocaine Dependence. <i>Neuropsychopharmacology</i> , 2014, 39, 1732-1742.	5.4	25
52	Reduced susceptibility to confirmation bias in schizophrenia. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 715-728.	2.0	24
53	A Review of Reward Processing and Motivational Impairment in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, S107-S116.	4.3	343
54	Working Memory Contributions to Reinforcement Learning Impairments in Schizophrenia. <i>Journal of Neuroscience</i> , 2014, 34, 13747-13756.	3.6	175

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55	Hypothetical decision making in schizophrenia: The role of expected value computation and "irrational" biases. <i>Psychiatry Research</i> , 2013, 209, 142-149.	3.3	44
56	Negative Symptoms of Schizophrenia Are Associated with Abnormal Effort-Cost Computations. <i>Biological Psychiatry</i> , 2013, 74, 130-136.	1.3	353
57	The Roles of Reward, Default, and Executive Control Networks in Set-Shifting Impairments in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e57257.	2.5	109
58	Schizophrenia in Translation: Dissecting Motivation in Schizophrenia and Rodents. <i>Schizophrenia Bulletin</i> , 2012, 38, 1111-1117.	4.3	57
59	Negative Symptoms and the Failure to Represent the Expected Reward Value of Actions. <i>Archives of General Psychiatry</i> , 2012, 69, 129.	12.3	270
60	Rimonabant for neurocognition in schizophrenia: A 16-week double blind randomized placebo controlled trial. <i>Schizophrenia Research</i> , 2012, 134, 207-210.	2.0	47
61	Cognition-emotion interactions are modulated by working memory capacity in individuals with schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 257-261.	2.0	17
62	Deficits in Positive Reinforcement Learning and Uncertainty-Driven Exploration Are Associated with Distinct Aspects of Negative Symptoms in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 424-431.	1.3	195
63	Optimizing vs. Matching: Response Strategy in a Probabilistic Learning Task is associated with Negative Symptoms of Schizophrenia. <i>Schizophrenia Research</i> , 2011, 127, 215-222.	2.0	16
64	Altered probabilistic learning and response biases in schizophrenia: Behavioral evidence and neurocomputational modeling. <i>Neuropsychology</i> , 2011, 25, 86-97.	1.3	114
65	Patients With Schizophrenia Demonstrate Inconsistent Preference Judgments for Affective and Nonaffective Stimuli. <i>Schizophrenia Bulletin</i> , 2011, 37, 1295-1304.	4.3	47
66	Abnormal Responses to Monetary Outcomes in Cortex, but not in the Basal Ganglia, in Schizophrenia. <i>Neuropsychopharmacology</i> , 2010, 35, 2427-2439.	5.4	137
67	Performance- and stimulus-dependent oscillations in monkey prefrontal cortex during short-term memory. <i>Frontiers in Integrative Neuroscience</i> , 2009, 3, 25.	2.1	28
68	Cortical Oscillatory Activity Is Critical for Working Memory as Revealed by Deficits in Early-Onset Schizophrenia. <i>Journal of Neuroscience</i> , 2009, 29, 9481-9489.	3.6	254
69	Patients with Schizophrenia have a Reduced Neural Response to Both Unpredictable and Predictable Primary Reinforcers. <i>Neuropsychopharmacology</i> , 2009, 34, 1567-1577.	5.4	166
70	Turning it Upside Down: Areas of Preserved Cognitive Function in Schizophrenia. <i>Neuropsychology Review</i> , 2009, 19, 294-311.	4.9	121
71	Reward Processing in Schizophrenia: A Deficit in the Representation of Value. <i>Schizophrenia Bulletin</i> , 2008, 34, 835-847.	4.3	476
72	Synchronized delta oscillations correlate with the resting-state functional MRI signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18265-18269.	7.1	409

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73	Probabilistic reversal learning impairments in schizophrenia: Further evidence of orbitofrontal dysfunction. <i>Schizophrenia Research</i> , 2007, 93, 296-303.	2.0	298
74	Selective Reinforcement Learning Deficits in Schizophrenia Support Predictions from Computational Models of Striatal-Cortical Dysfunction. <i>Biological Psychiatry</i> , 2007, 62, 756-764.	1.3	283
75	Impairments of Memory and Reasoning in Patients with Neuropsychiatric Illness: Disruptions of Dynamic Cognitive Binding?. , 2005, , 346-376.		0
76	Relational Integration and Executive Function in Alzheimer's Disease.. <i>Neuropsychology</i> , 2004, 18, 296-305.	1.3	119
77	Cortical capacity constraints for visual working memory: dissociation of fMRI load effects in a fronto-parietal network. <i>NeuroImage</i> , 2003, 20, 1518-1530.	4.2	292
78	Memory, Working. , 2003, , 90-95.		0
79	The role of working memory in analogical mapping. <i>Memory and Cognition</i> , 2000, 28, 1205-1212.	1.6	141
80	A System for Relational Reasoning in Human Prefrontal Cortex. <i>Psychological Science</i> , 1999, 10, 119-125.	3.3	533
81	Relational complexity, the central executive, and prefrontal cortex. <i>Behavioral and Brain Sciences</i> , 1998, 21, 846-847.	0.7	2
82	Linking salience signaling with early adversity and affective distress in individuals at clinical high-risk for psychosis: results from an event-related fMRI study. <i>Schizophrenia Bulletin Open</i> , 0, , .	1.7	2