

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	A System for Relational Reasoning in Human Prefrontal Cortex. <i>Psychological Science</i> , 1999, 10, 119-125.	3.3	533
2	Reward Processing in Schizophrenia: A Deficit in the Representation of Value. <i>Schizophrenia Bulletin</i> , 2008, 34, 835-847.	4.3	476
3	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
4	Negative Symptoms of Schizophrenia Are Associated with Abnormal Effort-Cost Computations. <i>Biological Psychiatry</i> , 2013, 74, 130-136.	1.3	353
5	A Review of Reward Processing and Motivational Impairment in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, S107-S116.	4.3	343
6	Probabilistic reversal learning impairments in schizophrenia: Further evidence of orbitofrontal dysfunction. <i>Schizophrenia Research</i> , 2007, 93, 296-303.	2.0	298
7	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
8	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
9	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
10	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
11	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
12	Working Memory Contributions to Reinforcement Learning Impairments in Schizophrenia. <i>Journal of Neuroscience</i> , 2014, 34, 13747-13756.	3.6	175
13	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
14	The role of working memory in analogical mapping. <i>Memory and Cognition</i> , 2000, 28, 1205-1212.	1.6	141
15	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
16	Turning it Upside Down: Areas of Preserved Cognitive Function in Schizophrenia. <i>Neuropsychology Review</i> , 2009, 19, 294-311.	4.9	121
17	Relational Integration and Executive Function in Alzheimer's Disease.. <i>Neuropsychology</i> , 2004, 18, 296-305.	1.3	119
18	Altered probabilistic learning and response biases in schizophrenia: Behavioral evidence and neurocomputational modeling.. <i>Neuropsychology</i> , 2011, 25, 86-97.	1.3	114

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19	The Roles of Reward, Default, and Executive Control Networks in Set-Shifting Impairments in Schizophrenia. PLoS ONE, 2013, 8, e57257.	2.5	109
20	Effort Cost Computation in Schizophrenia: A Commentary on the Recent Literature. Biological Psychiatry, 2015, 78, 747-753.	1.3	88
21	Interactions Among Working Memory, Reinforcement Learning, and Effort in Value-Based Choice: A New Paradigm and Selective Deficits in Schizophrenia. Biological Psychiatry, 2017, 82, 431-439.	1.3	88
22	Towards a Unifying Cognitive, Neurophysiological, and Computational Neuroscience Account of Schizophrenia. Schizophrenia Bulletin, 2019, 45, 1092-1100.	4.3	83
23	The neural underpinnings of cognitive flexibility and their disruption in psychotic illness. Neuroscience, 2017, 345, 203-217.	2.3	82
24	Cognitive effort avoidance and detection in people with schizophrenia. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 145-154.	2.0	79
25	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. JAMA Psychiatry, 2021, 78, 753.	11.0	74
26	Probabilistic Reversal Learning in Schizophrenia: Stability of Deficits and Potential Causal Mechanisms. Schizophrenia Bulletin, 2016, 42, 942-951.	4.3	73
27	Motivational Deficits in Schizophrenia and the Representation of Expected Value. Current Topics in Behavioral Neurosciences, 2015, 27, 375-410.	1.7	61
28	Schizophrenia in Translation: Dissecting Motivation in Schizophrenia and Rodents. Schizophrenia Bulletin, 2012, 38, 1111-1117.	4.3	57
29	Patients With Schizophrenia Demonstrate Inconsistent Preference Judgments for Affective and Nonaffective Stimuli. Schizophrenia Bulletin, 2011, 37, 1295-1304.	4.3	47
30	Rimonabant for neurocognition in schizophrenia: A 16-week double blind randomized placebo controlled trial. Schizophrenia Research, 2012, 134, 207-210.	2.0	47
31	Hypothetical decision making in schizophrenia: The role of expected value computation and "irrational" biases. Psychiatry Research, 2013, 209, 142-149.	3.3	44
32	Integrating frequency and magnitude information in decision-making in schizophrenia: An account of patient performance on the Iowa Gambling Task. Journal of Psychiatric Research, 2015, 66-67, 16-23.	3.1	43
33	Intact Ventral Striatal Prediction Error Signaling in Medicated Schizophrenia Patients. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 474-483.	1.5	34
34	Motivational Deficits in Schizophrenia Are Associated With Reduced Differentiation Between Gain and Loss-Avoidance Feedback in the Striatum. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 239-247.	1.5	31
35	All or nothing belief updating in patients with schizophrenia reduces precision and flexibility of beliefs. Brain, 2021, 144, 1013-1029.	7.6	30
36	Performance- and stimulus-dependent oscillations in monkey prefrontal cortex during short-term memory. Frontiers in Integrative Neuroscience, 2009, 3, 25.	2.1	28

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37	Mild Reinforcement Learning Deficits in Patients With First-Episode Psychosis. <i>Schizophrenia Bulletin</i> , 2016, 42, 1476-1485.	4.3	26
38	Temporal Difference Error Prediction Signal Dysregulation in Cocaine Dependence. <i>Neuropsychopharmacology</i> , 2014, 39, 1732-1742.	5.4	25
39	Reduced susceptibility to confirmation bias in schizophrenia. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 715-728.	2.0	24
40	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
41	Reinforcement Learning Performance and Risk for Psychosis in Youth. <i>Journal of Nervous and Mental Disease</i> , 2015, 203, 919-926.	1.0	22
42	White matter brain aging in relationship to schizophrenia and its cognitive deficit. <i>Schizophrenia Research</i> , 2021, 230, 9-16.	2.0	20
43	Glutamatergic metabolites among adolescents at risk for psychosis. <i>Psychiatry Research</i> , 2017, 257, 179-185.	3.3	19
44	Reduction of Pavlovian Bias in Schizophrenia: Enhanced Effects in Clozapine-Administered Patients. <i>PLoS ONE</i> , 2016, 11, e0152781.	2.5	19
45	Cognition-emotion interactions are modulated by working memory capacity in individuals with schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 257-261.	2.0	17
46	Rasagiline in the Treatment of the Persistent Negative Symptoms of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 900-908.	4.3	17
47	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
48	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
49	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
50	Enhancing Psychosis Risk Prediction Through Computational Cognitive Neuroscience. <i>Schizophrenia Bulletin</i> , 2020, 46, 1346-1352.	4.3	13
51	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
52	Probability and magnitude evaluation in schizophrenia. <i>Schizophrenia Research: Cognition</i> , 2016, 5, 41-46.	1.3	11
53	Temporal-thalamic and cingulo-opercular connectivity in people with schizophrenia. <i>NeuroImage: Clinical</i> , 2021, 29, 102531.	2.7	9
54	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

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55	Association Between Failures in Perceptual Updating and the Severity of Psychosis in Schizophrenia. JAMA Psychiatry, 2022, 79, 169.	11.0	9
56	Dissociable Effects of Cocaine Dependence on Reward Processes: The Role of Acute Cocaine and Craving. Neuropsychopharmacology, 2017, 42, 736-747.	5.4	8
57	Differential Effects of Psychotic Illness on Directed and Random Exploration. Computational Psychiatry, 2020, 4, 18.	2.0	8
58	Increased conflict-induced slowing, but no differences in conflict-induced positive or negative prediction error learning in patients with schizophrenia. Neuropsychologia, 2019, 123, 131-140.	1.6	7
59	Extracting brain disease-related connectome subgraphs by adaptive dense subgraph discovery. Biometrics, 2022, 78, 1566-1578.	1.4	7
60	Relations Among Anhedonia, Reinforcement Learning, and Global Functioning in Help-seeking Youth. Schizophrenia Bulletin, 2021, 47, 1534-1543.	4.3	4
61	Retention of Value Representations Across Time in People With Schizophrenia and Healthy Control Subjects. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 420-428.	1.5	3
62	Computerized Assessment of Psychosis Risk. Journal of Psychiatry and Brain Science, 2021, 6, .	0.5	3
63	Bayes estimate of primary threshold in clusterwise functional magnetic resonance imaging inferences. Statistics in Medicine, 2021, 40, 5673-5689.	1.6	3
64	Relational complexity, the central executive, and prefrontal cortex. Behavioral and Brain Sciences, 1998, 21, 846-847.	0.7	2
65	S45. DEFICITS IN INFORMATION-SEEKING BEHAVIOR IN SCHIZOPHRENIA: AN ALTERNATIVE MECHANISM OF AVOLITION. Schizophrenia Bulletin, 2019, 45, S323-S323.	4.3	2
66	OUP accepted manuscript. Schizophrenia Bulletin, 2022, , .	4.3	2
67	An integrated clusterwise significance measure for <scp>fMRI</scp> analysis. Human Brain Mapping, 2022, 43, 2444-2459.	3.6	2
68	Linking salience signaling with early adversity and affective distress in individuals at clinical high-risk for psychosis: results from an event-related fMRI study. Schizophrenia Bulletin Open, 0, , .	1.7	2
69	Modeling Negative Symptoms in Schizophrenia. , 2018, , 219-246.		1
70	T47. REINFORCEMENT LEARNING IMPAIRMENT AND PRIMARY NEGATIVE SYMPTOMS IN INDIVIDUALS AT CLINICAL HIGH-RISK FOR PSYCHOSIS. Schizophrenia Bulletin, 2019, 45, S222-S222.	4.3	1
71	Overweighting of Initial Motion Information Correlates With Severity of Positive Symptoms in Schizophrenia. Biological Psychiatry, 2020, 87, S207-S208.	1.3	1
72	Impairments of Memory and Reasoning in Patients with Neuropsychiatric Illness: Disruptions of Dynamic Cognitive Binding?. , 2005, , 346-376.		0

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73	F9. REDUCED UNCERTAINTY-DRIVEN EXPLORATION AND ASSOCIATED NEURAL REWARD-RELATED SIGNALS RELATE TO MOTIVATIONAL DEFICIT SEVERITY. Schizophrenia Bulletin, 2019, 45, S257-S258.	4.3	0
74	Negative Symptoms in People With Schizophrenia are Associated With Reduced Long-Term Retention of Reward Information. Biological Psychiatry, 2020, 87, S310-S311.	1.3	0
75	Altered Attribution of Temporal Causality During Intentional Action is Differentially Associated With Grandiosity and Passivity Type Delusions. Biological Psychiatry, 2020, 87, S360-S361.	1.3	0
76	Link predictions for incomplete network data with outcome misclassification. Statistics in Medicine, 2021, 40, 1519-1534.	1.6	0
77	Saliency Signaling in Psychosis Risk States: Amygdala and Insula Abnormalities in Association With Illness Severity. Biological Psychiatry, 2021, 89, S363.	1.3	0
78	Memory, Working. , 2003, , 90-95.		0
79	Predicting Attention-Shaping Response in People With Schizophrenia. Journal of Nervous and Mental Disease, 2021, 209, 203-207.	1.0	0
80	Schizophrenia Patients Show Largely Similar Saliency Signaling Compared to Healthy Controls in an Observational Task Environment. Brain Sciences, 2021, 11, 1610.	2.3	0
81	Three prominent self-report risk measures show unique and overlapping utility in characterizing those at clinical high-risk for psychosis. Schizophrenia Research, 2022, 244, 58-65.	2.0	0
82	From Childhood Trauma to Delusions: It's Complicated. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 633-634.	1.5	0