

# Natalia S Lawrence

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

8,044  
citations

70961

41  
h-index

56606

83  
g-index

98  
all docs

98  
docs citations

98  
times ranked

9897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Neural Correlates of Washing, Checking, and Hoarding SymptomDimensions in Obsessive-compulsive Disorder. Archives of General Psychiatry, 2004, 61, 564.	13.8	811
2	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	1.1	696
3	Subcortical and ventral prefrontal cortical neural responses to facial expressions distinguish patients with bipolar disorder and major depression. Biological Psychiatry, 2004, 55, 578-587.	0.7	512
4	Gamification of Cognitive Assessment and Cognitive Training: A Systematic Review of Applications and Efficacy. JMIR Serious Games, 2016, 4, e11.	1.7	316
5	The suicidal mind and brain: A review of neuropsychological and neuroimaging studies. World Journal of Biological Psychiatry, 2011, 12, 319-339.	1.3	310
6	Cognitive Mechanisms of Nicotine on Visual Attention. Neuron, 2002, 36, 539-548.	3.8	298
7	Multiple Neuronal Networks Mediate Sustained Attention. Journal of Cognitive Neuroscience, 2003, 15, 1028-1038.	1.1	280
8	Decreased activation of lateral orbitofrontal cortex during risky choices under uncertainty is associated with disadvantageous decision-making and suicidal behavior. NeuroImage, 2010, 51, 1275-1281.	2.1	266
9	Decision making and set shifting impairments are associated with distinct symptom dimensions in obsessive-compulsive disorder.. Neuropsychology, 2006, 20, 409-419.	1.0	242
10	Orbitofrontal Cortex Response to Angry Faces in Men With Histories of Suicide Attempts. American Journal of Psychiatry, 2008, 165, 740-748.	4.0	226
11	Training response inhibition to food is associated with weight loss and reduced energy intake. Appetite, 2015, 95, 17-28.	1.8	205
12	Nucleus accumbens response to food cues predicts subsequent snack consumption in women and increased body mass index in those with reduced self-control. NeuroImage, 2012, 63, 415-422.	2.1	204
13	Distinct Roles of Prefrontal Cortical Subregions in the Iowa Gambling Task. Cerebral Cortex, 2009, 19, 1134-1143.	1.6	187
14	Neural response to specific components of fearful faces in healthy and schizophrenic adults. NeuroImage, 2010, 49, 939-946.	2.1	183
15	Ventral Striatum Activity in Response to Reward: Differences Between Bipolar I and II Disorders. American Journal of Psychiatry, 2013, 170, 533-541.	4.0	179
16	Stopping to food can reduce intake. Effects of stimulus-specificity and individual differences in dietary restraint. Appetite, 2015, 85, 91-103.	1.8	171
17	What Is Trained During Food Go/No-Go Training? A Review Focusing on Mechanisms and a Research Agenda. Current Addiction Reports, 2017, 4, 35-41.	1.6	147
18	Stroop performance in bipolar disorder: further evidence for abnormalities in the ventral prefrontal cortex. Bipolar Disorders, 2006, 8, 28-39.	1.1	143

#	ARTICLE	IF	CITATIONS
19	To discard or not to discard: the neural basis of hoarding symptoms in obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2009, 14, 318-331.	4.1	137
20	Cognitive training as a potential treatment for overweight and obesity: A critical review of the evidence. <i>Appetite</i> , 2018, 124, 50-67.	1.8	134
21	An investigation of decision making in anorexia nervosa using the Iowa Gambling Task and skin conductance measurements. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 635-41.	1.2	131
22	Human attachment security is mediated by the amygdala: Evidence from combined fMRI and psychophysiological measures. <i>Human Brain Mapping</i> , 2006, 27, 623-635.	1.9	102
23	Brain structure and symptom dimension relationships in obsessive-compulsive disorder: A voxel-based morphometry study. <i>Journal of Affective Disorders</i> , 2008, 109, 117-126.	2.0	102
24	Prefrontal cortex markers of suicidal vulnerability in mood disorders: a model-based structural neuroimaging study with a translational perspective. <i>Translational Psychiatry</i> , 2015, 5, e516-e516.	2.4	98
25	Almost winning: Induced MEG theta power in insula and orbitofrontal cortex increases during gambling near-misses and is associated with BOLD signal and gambling severity. <i>NeuroImage</i> , 2014, 91, 210-219.	2.1	96
26	Emotion regulation deficits in euthymic bipolar I versus bipolar disorder: a functional and diffusion-tensor imaging study. <i>Bipolar Disorders</i> , 2015, 17, 461-470.	1.1	93
27	Training motor responses to food: A novel treatment for obesity targeting implicit processes. <i>Clinical Psychology Review</i> , 2016, 49, 16-27.	6.0	92
28	Attachment-security priming attenuates amygdala activation to social and linguistic threat. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 832-839.	1.5	91
29	Individual differences in disgust sensitivity modulate neural responses to aversive/disgusting stimuli. <i>European Journal of Neuroscience</i> , 2008, 27, 3050-3058.	1.2	85
30	Somatic markers and explicit knowledge are both involved in decision-making. <i>Neuropsychologia</i> , 2009, 47, 2120-2124.	0.7	85
31	Pilot test of a novel food response and attention training treatment for obesity: Brain imaging data suggest actions shape valuation. <i>Behaviour Research and Therapy</i> , 2017, 94, 60-70.	1.6	85
32	Neural Responses to Facial Expressions of Disgust but not Fear are Modulated by Washing Symptoms in OCD. <i>Biological Psychiatry</i> , 2007, 61, 1072-1080.	0.7	82
33	Training response inhibition to reduce food consumption: Mechanisms, stimulus specificity and appropriate training protocols. <i>Appetite</i> , 2017, 109, 11-23.	1.8	79
34	Food Addiction: Implications for the Diagnosis and Treatment of Overeating. <i>Nutrients</i> , 2019, 11, 2086.	1.7	69
35	Preserved hippocampal function during learning in the context of risk in adolescent suicide attempt. <i>Psychiatry Research - Neuroimaging</i> , 2013, 211, 112-118.	0.9	66
36	An examination of decision making in bulimia nervosa. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2009, 31, 455-461.	0.8	63

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37	Predicting response to cognitive behavioral therapy in contamination-based obsessive-compulsive disorder from functional magnetic resonance imaging. <i>Psychological Medicine</i> , 2014, 44, 2125-2137.	2.7	59
38	Sex Differences in Neural Responses to Disgusting Visual Stimuli: Implications for Disgust-Related Psychiatric Disorders. <i>Biological Psychiatry</i> , 2007, 62, 464-471.	0.7	53
39	Genetic variation in the serotonin transporter modulates neural system-wide response to fearful faces. <i>Genes, Brain and Behavior</i> , 2008, 7, 543-551.	1.1	53
40	Cerebral and autonomic responses to emotional facial expressions in depersonalisation disorder. <i>British Journal of Psychiatry</i> , 2008, 193, 222-228.	1.7	48
41	The effects of gamelike features and test location on cognitive test performance and participant enjoyment. <i>PeerJ</i> , 2016, 4, e2184.	0.9	45
42	Neurofeedback of visual food cue reactivity: a potential avenue to alter incentive sensitization and craving. <i>Brain Imaging and Behavior</i> , 2017, 11, 915-924.	1.1	44
43	The Maudsley Obsessive-Compulsive Stimuli Set: Validation of a standardized paradigm for symptom-specific provocation in obsessive-compulsive disorder. <i>Psychiatry Research</i> , 2009, 168, 238-241.	1.7	42
44	Subcortical nuclei volumes in suicidal behavior: nucleus accumbens may modulate the lethality of acts.. <i>Brain Imaging and Behavior</i> , 2016, 10, 96-104.	1.1	41
45	Functions of the dopaminergic innervation of the nucleus accumbens. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 225-235.	1.2	40
46	Winning and losing: Effects on impulsive action.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 147-168.	0.7	39
47	Attrition from Web-Based Cognitive Testing: A Repeated Measures Comparison of Gamification Techniques. <i>Journal of Medical Internet Research</i> , 2017, 19, e395.	2.1	36
48	Should I stop or should I go? The role of associations and expectancies.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 115-137.	0.7	35
49	Decision-making deficits in pathological gambling: The role of executive functions, explicit knowledge and impulsivity in relation to decisions made under ambiguity and risk. <i>American Journal on Addictions</i> , 2013, 22, 492-499.	1.3	34
50	To Go or Not to Go: A Proof of Concept Study Testing Food-Specific Inhibition Training for Women with Eating and Weight Disorders. <i>European Eating Disorders Review</i> , 2018, 26, 11-21.	2.3	33
51	Targeting binge eating in bulimia nervosa and binge eating disorder using inhibitory control training and implementation intentions: a feasibility trial. <i>Psychological Medicine</i> , 2022, 52, 874-883.	2.7	28
52	Subgenual Cingulum Microstructure Supports Control of Emotional Conflict. <i>Cerebral Cortex</i> , 2016, 26, 2850-2862.	1.6	24
53	Prefrontal brain stimulation during food-related inhibition training: effects on food craving, food consumption and inhibitory control. <i>Royal Society Open Science</i> , 2019, 6, 181186.	1.1	24
54	Grassroots Training for Reproducible Science: A Consortium-Based Approach to the Empirical Dissertation. <i>Psychology Learning and Teaching</i> , 2020, 19, 77-90.	1.3	24

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55	Do restrained eaters show increased BMI, food craving and disinhibited eating? A comparison of the Restraint Scale and the Restrained Eating scale of the Dutch Eating Behaviour Questionnaire. Royal Society Open Science, 2019, 6, 190174.	1.1	23
56	Giving pork the chop: Response inhibition training to reduce meat intake. Appetite, 2019, 141, 104315.	1.8	22
57	Food-related inhibitory control training reduces food liking but not snacking frequency or weight in a large healthy adult sample. Appetite, 2021, 167, 105601.	1.8	22
58	App-based food-specific inhibitory control training as an adjunct to treatment as usual in binge-type eating disorders: A feasibility trial. Appetite, 2022, 168, 105788.	1.8	22
59	Meat disgust is negatively associated with meat intake – Evidence from a cross-sectional and longitudinal study. Appetite, 2021, 164, 105299.	1.8	18
60	App-based food Go/No-Go training: User engagement and dietary intake in an opportunistic observational study. Appetite, 2021, 165, 105315.	1.8	18
61	Feasibility Randomized Controlled Trial of ImpulsePal: Smartphone App-Based Weight Management Intervention to Reduce Impulsive Eating in Overweight Adults. JMIR Formative Research, 2019, 3, e11586.	0.7	18
62	Empathic responses are reduced to competitive but not non-competitive outgroups. Social Neuroscience, 2019, 14, 345-358.	0.7	14
63	Exploring Strategies to Optimise the Impact of Food-Specific Inhibition Training on Children's Food Choices. Frontiers in Psychology, 2021, 12, 653610.	1.1	11
64	Effects of go/no-go training on food-related action tendencies, liking and choice. Royal Society Open Science, 2021, 8, 210666.	1.1	11
65	The impact of COVID-19 on the eating habits of families engaged in a healthy eating pilot trial: a thematic analysis. Health Psychology and Behavioral Medicine, 2022, 10, 241-261.	0.8	11
66	Cognitive and environmental interventions to encourage healthy eating: evidence-based recommendations for public health policy. Royal Society Open Science, 2019, 6, 190624.	1.1	8
67	A randomised controlled trial examining the efficacy of smoking-related response inhibition training in smokers: a study protocol. BMC Public Health, 2018, 18, 1226.	1.2	7
68	When do children learn how to select a portion size?. Appetite, 2021, 164, 105247.	1.8	7
69	A randomized controlled trial of inhibitory control training for smoking cessation and reduction.. Journal of Consulting and Clinical Psychology, 2019, 87, 831-843.	1.6	7
70	Supporting evidence-informed policy and scrutiny: A consultation of UK research professionals. PLoS ONE, 2019, 14, e0214136.	1.1	6
71	Incidental fear reduces empathy for an out-group's pain.. Emotion, 2021, 21, 536-544.	1.5	6
72	ImpulsePal: The systematic development of a smartphone app to manage food temptations using intervention mapping. Digital Health, 2021, 7, 205520762110576.	0.9	6

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73	Characterising binge eating over the course of a feasibility trial among individuals with binge eating disorder and bulimia nervosa. <i>Appetite</i> , 2021, 164, 105248.	1.8	5
74	No evidence that prefrontal HD-tDCS influences cue-induced food craving.. <i>Behavioral Neuroscience</i> , 2020, 134, 369-383.	0.6	5
75	Neurocognitive Mechanisms of Impaired Decision Making in Pathological Gambling. <i>Frontiers in Psychiatry</i> , 2013, 4, 12.	1.3	4
76	A community-based feasibility randomized controlled study to test food-specific inhibitory control training in people with disinhibited eating during COVID-19 in Italy. <i>Eating and Weight Disorders</i> , 2022, 27, 2745-2757.	1.2	3
77	A Randomised Controlled Trial of Inhibitory Control Training for Smoking Cessation: Outcomes, Mediators and Methodological Considerations. <i>Frontiers in Psychology</i> , 2021, 12, 759270.	1.1	1
78	Efficacy of a combined food-response inhibition and attention training for weight loss. <i>Current Opinion in Behavioral Sciences</i> , 2022, 46, 101168.	2.0	1
79	A Program for the Comprehensive Cognitive Training of Excess Weight (TRAINEP): The Study Protocol for A Randomized, Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8447.	1.2	1
80	Why decision making may not require awareness. <i>Behavioral and Brain Sciences</i> , 2014, 37, 35-36.	0.4	0
81	Does Device Matter? Inhibition training effects on food choice, liking and approach bias when delivered by smartphone or computer. <i>Appetite</i> , 2021, 157, 104917.	1.8	0