

# Amy C Reichelt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2699649/publications.pdf>

Version: 2024-02-01

51  
papers

2,111  
citations

270111

25  
h-index

286692

43  
g-index

56  
all docs

56  
docs citations

56  
times ranked

3264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronizing our clocks as we age: the influence of the brain-gut-immune axis on the sleep-wake cycle across the lifespan. <i>Sleep</i> , 2022, 45, .	0.6	13
2	Functional dissociation of behavioral effects from acetylcholine and glutamate released from cholinergic striatal interneurons. <i>FASEB Journal</i> , 2022, 36, e22135.	0.2	4
3	Nutrition, anxiety and hormones. Why sex differences matter in the link between obesity and behavior.. <i>Physiology and Behavior</i> , 2022, 247, 113713.	1.0	9
4	Intergenerational effects of a paternal Western diet during adolescence on offspring gut microbiota, stress reactivity, and social behavior. <i>FASEB Journal</i> , 2022, 36, e21981.	0.2	8
5	Infant microbiota in colic: predictive associations with problem crying and subsequent child behavior. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 260-270.	0.7	15
6	Age-dependent and region-specific alteration of parvalbumin neurons, perineuronal nets and microglia in the mouse prefrontal cortex and hippocampus following obesogenic diet consumption. <i>Scientific Reports</i> , 2021, 11, 5593.	1.6	19
7	Of "junk food" and "brain food": how parental diet influences offspring neurobiology and behaviour. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 566-578.	3.1	21
8	Hippocampal neurogenesis and memory in adolescence following intrauterine growth restriction. <i>Hippocampus</i> , 2021, 31, 321-334.	0.9	11
9	The spontaneous location recognition task for assessing spatial pattern separation and memory across a delay in rats and mice. <i>Nature Protocols</i> , 2021, 16, 5616-5633.	5.5	12
10	An intermittent hypercaloric diet alters gut microbiota, prefrontal cortical gene expression and social behaviours in rats. <i>Nutritional Neuroscience</i> , 2020, 23, 613-627.	1.5	34
11	Diet-Induced Modification of the Sperm Epigenome Programs Metabolism and Behavior. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 131-149.	3.1	38
12	Is loss of perineuronal nets a critical pathological event in Alzheimer's disease?. <i>EBioMedicine</i> , 2020, 59, 102946.	2.7	11
13	Adolescent obesity and dietary decision making—a brain-health perspective. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 388-396.	2.7	70
14	Can Magnetic Resonance Imaging Reveal the Neural Signatures of Dietary Self-Control?. <i>Journal of Neuroscience</i> , 2019, 39, 581-583.	1.7	0
15	Perineuronal Nets: Plasticity, Protection, and Therapeutic Potential. <i>Trends in Neurosciences</i> , 2019, 42, 458-470.	4.2	129
16	A high-fat high-sugar diet in adolescent rats impairs social memory and alters chemical markers characteristic of atypical neuroplasticity and parvalbumin interneuron depletion in the medial prefrontal cortex. <i>Food and Function</i> , 2019, 10, 1985-1998.	2.1	43
17	The within-subject application of diffusion tensor MRI and CLARITY reveals brain structural changes in <i>Nrxn2</i> deletion mice. <i>Molecular Autism</i> , 2019, 10, 8.	2.6	13
18	The Prefrontal Cortex and Obesity: A Health Neuroscience Perspective. <i>Trends in Cognitive Sciences</i> , 2019, 23, 349-361.	4.0	198

#	ARTICLE	IF	CITATIONS
19	Internal Subdivisions of the Marmoset Claustrum Complex: Identification by Myeloarchitectural Features and High Field Strength Imaging. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 96.	0.9	8
20	Assessing the impacts of daily Cannabis versus alcohol and methamphetamines on young Australians in youth AOD treatment. <i>BMC Psychiatry</i> , 2019, 19, 416.	1.1	1
21	Impact of high sucrose diets on the discrimination of spatial and object memories with overlapping features. <i>Physiology and Behavior</i> , 2018, 192, 127-133.	1.0	11
22	Dietary influences on cognition. <i>Physiology and Behavior</i> , 2018, 192, 118-126.	1.0	27
23	Sucrose or sucrose and caffeine differentially impact memory and anxiety-like behaviours, and alter hippocampal parvalbumin and doublecortin. <i>Neuropharmacology</i> , 2018, 137, 24-32.	2.0	24
24	High-sucrose diets in male rats disrupt aspects of decision making tasks, motivation and spatial memory, but not impulsivity measured by operant delay-discounting. <i>Behavioural Brain Research</i> , 2017, 327, 144-154.	1.2	24
25	The impact of obesity and hypercaloric diet consumption on anxiety and emotional behavior across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 173-182.	2.9	59
26	Hypervulnerability of the adolescent prefrontal cortex to nutritional stress via reelin deficiency. <i>Molecular Psychiatry</i> , 2017, 22, 961-971.	4.1	58
27	The impact of junk foods on the adolescent brain. <i>Birth Defects Research</i> , 2017, 109, 1649-1658.	0.8	49
28	Editorial: Impact of Diet on Learning, Memory and Cognition. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 96.	1.0	17
29	Adolescent Maturation Transitions in the Prefrontal Cortex and Dopamine Signaling as a Risk Factor for the Development of Obesity and High Fat/High Sugar Diet Induced Cognitive Deficits. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 189.	1.0	63
30	Impaired fear extinction retention and increased anxiety-like behaviours induced by limited daily access to a high-fat/high-sugar diet in male rats: Implications for diet-induced prefrontal cortex dysregulation. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 127-138.	1.0	51
31	Daily access to sucrose impairs aspects of spatial memory tasks reliant on pattern separation and neural proliferation in rats. <i>Learning and Memory</i> , 2016, 23, 386-390.	0.5	27
32	Differential motivational profiles following adolescent sucrose access in male and female rats. <i>Physiology and Behavior</i> , 2016, 157, 13-19.	1.0	45
33	Sex-specific effects of daily exposure to sucrose on spatial memory performance in male and female rats, and implications for estrous cycle stage. <i>Physiology and Behavior</i> , 2016, 162, 52-60.	1.0	45
34	Integration of reward signalling and appetite regulating peptide systems in the control of food intake responses. <i>British Journal of Pharmacology</i> , 2015, 172, 5225-5238.	2.7	43
35	Impact of adolescent sucrose access on cognitive control, recognition memory, and parvalbumin immunoreactivity. <i>Learning and Memory</i> , 2015, 22, 215-224.	0.5	96
36	Why is obesity such a problem in the 21st century? The intersection of palatable food, cues and reward pathways, stress, and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 58, 36-45.	2.9	210

#	ARTICLE	IF	CITATIONS
37	Updating memoriesâ€”The role of prediction errors in memory reconsolidation. <i>Behavioural Brain Research</i> , 2015, 278, 375-384.	1.2	141
38	Dietary-induced obesity disrupts trace fear conditioning and decreases hippocampal reelin expression. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 68-75.	2.0	44
39	The Role of Neurexins and Neuroligins in Autism. , 2015, , 361-381.		5
40	Cafeteria diet impairs expression of sensory-specific satiety and stimulus-outcome learning. <i>Frontiers in Psychology</i> , 2014, 5, 852.	1.1	46
41	A bout of voluntary running enhances context conditioned fear, its extinction, and its reconsolidation. <i>Learning and Memory</i> , 2014, 21, 73-81.	0.5	47
42	Appetitive Pavlovian goal-tracking memories reconsolidate only under specific conditions. <i>Learning and Memory</i> , 2013, 20, 51-60.	0.5	30
43	Over-expectation generated in a complex appetitive goal-tracking task is capable of inducing memory reconsolidation. <i>Psychopharmacology</i> , 2013, 226, 649-658.	1.5	20
44	Ventral Tegmental Dopamine Dysregulation Prevents Appetitive Memory Destabilization. <i>Journal of Neuroscience</i> , 2013, 33, 14205-14210.	1.7	54
45	Transgenic expression of the FTDP-17 tauV337M mutation in brain dissociates components of executive function in mice. <i>Neurobiology of Learning and Memory</i> , 2013, 104, 73-81.	1.0	10
46	A Novel Translational Assay of Response Inhibition and Impulsivity: Effects of Prefrontal Cortex Lesions, Drugs Used in ADHD, and Serotonin 2C Receptor Antagonism. <i>Neuropsychopharmacology</i> , 2013, 38, 2150-2159.	2.8	34
47	Attenuation of acute d-amphetamine-induced disruption of conflict resolution by clozapine, but not Î±-flupenthixol in rats. <i>Journal of Psychopharmacology</i> , 2013, 27, 1023-1031.	2.0	2
48	Preventing Binge Eating with Deep Brain Stimulation â€” Can Compulsive Eating be Switched Off?. <i>Frontiers in Psychiatry</i> , 2013, 4, 168.	1.3	1
49	Consequences at adulthood of transient inactivation of the parahippocampal and prefrontal regions during early development: new insights from a disconnection animal model for schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 118.	1.0	73
50	The role of neurexins in schizophrenia and autistic spectrum disorder. <i>Neuropharmacology</i> , 2012, 62, 1519-1526.	2.0	89
51	Differential role of the hippocampus in response-outcome and context-outcome learning: Evidence from selective satiation procedures. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 248-253.	1.0	8