Amy C Reichelt

List of Publications by Year
in descending order

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51	2,111	236925	254184
papers	citations	25 h-index	43 g-index

56	56	56	2982
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Why is obesity such a problem in the 21st century? The intersection of palatable food, cues and reward pathways, stress, and cognition. Neuroscience and Biobehavioral Reviews, 2015, 58, 36-45.	6.1	210
2	The Prefrontal Cortex and Obesity: A Health Neuroscience Perspective. Trends in Cognitive Sciences, 2019, 23, 349-361.	7.8	198
3	Updating memoriesâ€"The role of prediction errors in memory reconsolidation. Behavioural Brain Research, 2015, 278, 375-384.	2.2	141
4	Perineuronal Nets: Plasticity, Protection, and Therapeutic Potential. Trends in Neurosciences, 2019, 42, 458-470.	8.6	129
5	Impact of adolescent sucrose access on cognitive control, recognition memory, and parvalbumin immunoreactivity. Learning and Memory, 2015, 22, 215-224.	1.3	96
6	The role of neurexins in schizophrenia and autistic spectrum disorder. Neuropharmacology, 2012, 62, 1519-1526.	4.1	89
7	Consequences at adulthood of transient inactivation of the parahippocampal and prefrontal regions during early development: new insights from a disconnection animal model for schizophrenia. Frontiers in Behavioral Neuroscience, 2013, 7, 118.	2.0	73
8	Adolescent obesity and dietary decision makingâ€"a brain-health perspective. The Lancet Child and Adolescent Health, 2020, 4, 388-396.	5.6	70
9	Adolescent Maturational 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. Frontiers in Behavioral Neuroscience, 2016, 10, 189.	2.0	63
10	The impact of obesity and hypercaloric diet consumption on anxiety and emotional behavior across the lifespan. Neuroscience and Biobehavioral Reviews, 2017, 83, 173-182.	6.1	59
11	Hypervulnerability of the adolescent prefrontal cortex to nutritional stress via reelin deficiency. Molecular Psychiatry, 2017, 22, 961-971.	7.9	58
12	Ventral Tegmental Dopamine Dysregulation Prevents Appetitive Memory Destabilization. Journal of Neuroscience, 2013, 33, 14205-14210.	3.6	54
13	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. Neurobiology of Learning and Memory, 2016, 136, 127-138.	1.9	51
14	The impact of junk foods on the adolescent brain. Birth Defects Research, 2017, 109, 1649-1658.	1.5	49
15	A bout of voluntary running enhances context conditioned fear, its extinction, and its reconsolidation. Learning and Memory, 2014, 21, 73-81.	1.3	47
16	Cafeteria diet impairs expression of sensory-specific satiety and stimulus-outcome learning. Frontiers in Psychology, 2014, 5, 852.	2.1	46
17	Differential motivational profiles following adolescent sucrose access in male and female rats. Physiology and Behavior, 2016, 157, 13-19.	2.1	45
18	Sex-specific effects of daily exposure to sucrose on spatial memory performance in male and female rats, and implications for estrous cycle stage. Physiology and Behavior, 2016, 162, 52-60.	2.1	45

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19	Dietary-induced obesity disrupts trace fear conditioning and decreases hippocampal reelin expression. Brain, Behavior, and Immunity, 2015, 43, 68-75.	4.1	44
20	Integration of reward signalling and appetite regulating peptide systems in the control of foodâ€cue responses. British Journal of Pharmacology, 2015, 172, 5225-5238.	5.4	43
21	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. Food and Function, 2019, 10, 1985-1998.	4.6	43
22	Diet-Induced Modification of the Sperm Epigenome Programs Metabolism and Behavior. Trends in Endocrinology and Metabolism, 2020, 31, 131-149.	7.1	38
23	A Novel Translational Assay of Response Inhibition and Impulsivity: Effects of Prefrontal Cortex Lesions, Drugs Used in ADHD, and Serotonin 2C Receptor Antagonism. Neuropsychopharmacology, 2013, 38, 2150-2159.	5.4	34
24	An intermittent hypercaloric diet alters gut microbiota, prefrontal cortical gene expression and social behaviours in rats. Nutritional Neuroscience, 2020, 23, 613-627.	3.1	34
25	Appetitive Pavlovian goal-tracking memories reconsolidate only under specific conditions. Learning and Memory, 2013, 20, 51-60.	1.3	30
26	Daily access to sucrose impairs aspects of spatial memory tasks reliant on pattern separation and neural proliferation in rats. Learning and Memory, 2016, 23, 386-390.	1.3	27
27	Dietary influences on cognition. Physiology and Behavior, 2018, 192, 118-126.	2.1	27
28	High-sucrose diets in male rats disrupt aspects of decision making tasks, motivation and spatial memory, but not impulsivity measured by operant delay-discounting. Behavioural Brain Research, 2017, 327, 144-154.	2.2	24
29	Sucrose or sucrose and caffeine differentially impact memory and anxiety-like behaviours, and alter hippocampal parvalbumin and doublecortin. Neuropharmacology, 2018, 137, 24-32.	4.1	24
30	Of â€˜junk foodâ€™ and â€˜brain foodâ€™: how parental diet influences offspring neurobiology and behaviour. Trends in Endocrinology and Metabolism, 2021, 32, 566-578.	7.1	21
31	Over-expectation generated in a complex appetitive goal-tracking task is capable of inducing memory reconsolidation. Psychopharmacology, 2013, 226, 649-658.	3.1	20
32	Age-dependent and region-specific alteration of parvalbumin neurons, perineuronal nets and microglia in the mouse prefrontal cortex and hippocampus following obesogenic diet consumption. Scientific Reports, 2021, 11, 5593.	3.3	19
33	Editorial: Impact of Diet on Learning, Memory and Cognition. Frontiers in Behavioral Neuroscience, 2017, 11, 96.	2.0	17
34	Infant microbiota in colic: predictive associations with problem crying and subsequent child behavior. Journal of Developmental Origins of Health and Disease, 2021, 12, 260-270.	1.4	15
35	The within-subject application of diffusion tensor MRI and CLARITY reveals brain structural changes in Nrxn2 deletion mice. Molecular Autism, 2019, 10, 8.	4.9	13
36	Synchronizing our clocks as we age: the influence of the brain-gut-immune axis on the sleep-wake cycle across the lifespan. Sleep, 2022, 45, .	1.1	13

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37	The spontaneous location recognition task for assessing spatial pattern separation and memory across a delay in rats and mice. Nature Protocols, 2021, 16, 5616-5633.	12.0	12
38	Impact of high sucrose diets on the discrimination of spatial and object memories with overlapping features. Physiology and Behavior, 2018, 192, 127-133.	2.1	11
39	Is loss of perineuronal nets a critical pathological event in Alzheimer's disease?. EBioMedicine, 2020, 59, 102946.	6.1	11
40	Hippocampal neurogenesis and memory in adolescence following intrauterine growth restriction. Hippocampus, 2021, 31, 321-334.	1.9	11
41	Transgenic expression of the FTDP-17 tauV337M mutation in brain dissociates components of executive function in mice. Neurobiology of Learning and Memory, 2013, 104, 73-81.	1.9	10
42	Nutrition, anxiety and hormones. Why sex differences matter in the link between obesity and behavior.. Physiology and Behavior, 2022, 247, 113713.	2.1	9
43	Differential role of the hippocampus in response-outcome and context-outcome learning: Evidence from selective satiation procedures. Neurobiology of Learning and Memory, 2011, 96, 248-253.	1.9	8
44	Internal Subdivisions of the Marmoset Claustrum Complex: Identification by Myeloarchitectural Features and High Field Strength Imaging. Frontiers in Neuroanatomy, 2019, 13, 96.	1.7	8
45	Intergenerational effects of a paternal Western diet during adolescence on offspring gut microbiota, stress reactivity, and social behavior. FASEB Journal, 2022, 36, e21981.	0.5	8
46	The Role of Neurexins and Neuroligins in Autism. , 2015, , 361-381.		5
47	Functional dissociation of behavioral effects from acetylcholine and glutamate released from cholinergic striatal interneurons. FASEB Journal, 2022, 36, e22135.	0.5	4
48	Attenuation of acute d-amphetamine-induced disruption of conflict resolution by clozapine, but not Î±-flupenthixol in rats. Journal of Psychopharmacology, 2013, 27, 1023-1031.	4.0	2
49	Preventing Binge Eating with Deep Brain Stimulation â€“ Can Compulsive Eating be Switched Off?. Frontiers in Psychiatry, 2013, 4, 168.	2.6	1
50	Assessing the impacts of daily Cannabis versus alcohol and methamphetamines on young Australians in youth AOD treatment. BMC Psychiatry, 2019, 19, 416.	2.6	1
51	Can Magnetic Resonance Imaging Reveal the Neural Signatures of Dietary Self-Control?. Journal of Neuroscience, 2019, 39, 581-583.	3.6	0