

# J Leigh Leasure

## List of Publications by Year in descending order

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44  
papers

3,070  
citations

304368

22  
h-index

276539

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal relations between physical activity and alcohol consumption among young adults.. Psychology of Addictive Behaviors, 2023, 37, 285-293.	1.4	2
2	Differential expression of presynaptic munc13-1 and Munc13-2 in mouse hippocampus following ethanol drinking. Neuroscience, 2022, , .	1.1	1
3	Neural Perturbations Associated With Recurrent Binge Alcohol in Male and Female Rats. Alcoholism: Clinical and Experimental Research, 2021, 45, 365-374.	1.4	9
4	A Sensitive Homecage-Based Novel Object Recognition Task for Rodents. Frontiers in Behavioral Neuroscience, 2021, 15, 680042.	1.0	8
5	Changes in Affective Behavior and Oxidative Stress after Binge Alcohol in Male and Female Rats. Brain Sciences, 2021, 11, 1250.	1.1	2
6	MUNC13-1 heterozygosity does not alter voluntary ethanol consumption or sensitivity in mice. Alcohol, 2020, 83, 89-97.	0.8	3
7	Sex and Age Effects on Neurobehavioral Toxicity Induced by Binge Alcohol. Brain Plasticity, 2020, 6, 5-25.	1.9	15
8	Exercise-driven restoration of the alcohol-damaged brain. International Review of Neurobiology, 2019, 147, 219-267.	0.9	6
9	Recurrent binge ethanol is associated with significant loss of dentate gyrus granule neurons in female rats despite concomitant increase in neurogenesis. Neuropharmacology, 2019, 148, 272-283.	2.0	10
10	Shaping the adult brain with exercise during development: Emerging evidence and knowledge gaps. International Journal of Developmental Neuroscience, 2019, 78, 147-155.	0.7	10
11	Binge ethanol effects on prefrontal cortex neurons, spatial working memory and task-induced neuronal activation in male and female rats. Physiology and Behavior, 2018, 188, 79-85.	1.0	28
12	Exercise ameliorates neurocognitive impairments in a translational model of pediatric radiotherapy. Neuro-Oncology, 2018, 20, 695-704.	0.6	32
13	Sex differences in hippocampal damage, cognitive impairment, and trophic factor expression in an animal model of an alcohol use disorder. Brain Structure and Function, 2018, 223, 195-210.	1.2	39
14	Olfactory Memory Impairment Differs by Sex in a Rodent Model of Pediatric Radiotherapy. Frontiers in Behavioral Neuroscience, 2018, 12, 158.	1.0	12
15	Ethanol Regulates Presynaptic Activity and Sedation through Presynaptic Unc13 Proteins in <i>Drosophila</i> . ENeuro, 2018, 5, ENEURO.0125-18.2018.	0.9	16
16	Binge alcohol alters exercise-driven neuroplasticity. Neuroscience, 2017, 343, 165-173.	1.1	8
17	Investigation of Sex Differences in the Microglial Response to Binge Ethanol and Exercise. Brain Sciences, 2017, 7, 139.	1.1	35
18	Radiation-Induced Growth Retardation and Microstructural and Metabolite Abnormalities in the Hippocampus. Neural Plasticity, 2016, 2016, 1-12.	1.0	14

#	ARTICLE	IF	CITATIONS
19	Ambient temperature influences the neural benefits of exercise. Behavioural Brain Research, 2016, 299, 27-31.	1.2	6
20	Can the Brain Benefits of Exercise Be Enhanced Without Additional Exercise?. Journal of Neurology and Neuromedicine, 2016, 1, 37-40.	0.9	1
21	Exercise and Alcohol Consumption: What We Know, What We Need to Know, and Why it is Important. Frontiers in Psychiatry, 2015, 6, 156.	1.3	94
22	Quantitative 3-D analysis of GFAP labeled astrocytes from fluorescence confocal images. Journal of Neuroscience Methods, 2015, 246, 38-51.	1.3	24
23	Endogenous sex hormones and cognitive function in the elderly. Aging Clinical and Experimental Research, 2015, 27, 515-521.	1.4	8
24	Impulsivity moderates the association between physical activity and alcohol consumption. Alcohol, 2014, 48, 361-366.	0.8	20
25	The Control of Movement Following Traumatic Brain Injury. , 2013, 3, 121-139.		26
26	Neurogenesis, Exercise, and Cognitive Late Effects of Pediatric Radiotherapy. Neural Plasticity, 2013, 2013, 1-12.	1.0	41
27	Exercise Enhances Hippocampal Recovery following Binge Ethanol Exposure. PLoS ONE, 2013, 8, e76644.	1.1	47
28	Region-specific response of the hippocampus to chronic unpredictable stress. Hippocampus, 2012, 22, 1338-1349.	0.9	45
29	Differential Response of Hippocampal Subregions to Stress and Learning. PLoS ONE, 2012, 7, e53126.	1.1	61
30	Exercise Neuroprotection in a Rat Model of Binge Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 2010, 34, 404-414.	1.4	71
31	Sustained sensorimotor impairments after endothelin-1 induced focal cerebral ischemia (stroke) in aged rats. Experimental Neurology, 2010, 222, 13-24.	2.0	55
32	The effect of mild post-stroke exercise on reactive neurogenesis and recovery of somatosensation in aged rats. Experimental Neurology, 2010, 226, 58-67.	2.0	30
33	Social isolation prevents exercise-induced proliferation of hippocampal progenitor cells in female rats. Hippocampus, 2009, 19, 907-912.	0.9	109
34	Forced and voluntary exercise differentially affect brain and behavior. Neuroscience, 2008, 156, 456-465.	1.1	269
35	Low-Level Human Equivalent Gestational Lead Exposure Produces Sex-Specific Motor and Coordination Abnormalities and Late-Onset Obesity in Year-Old Mice. Environmental Health Perspectives, 2008, 116, 355-361.	2.8	107
36	Cortical area size dictates performance at modality-specific behaviors. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4153-4158.	3.3	47

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37	Spatial and temporal gene expression profiling of the contused rat spinal cord. <i>Experimental Neurology</i> , 2004, 189, 204-221.	2.0	93
38	Consequences of forced disuse of the impaired forelimb after unilateral cortical injury. <i>Behavioural Brain Research</i> , 2004, 150, 83-91.	1.2	28
39	Experience-Associated Structural Events, Subependymal Cellular Proliferative Activity, and Functional Recovery After Injury to the Central Nervous System. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 1513-1528.	2.4	132
40	Focal Brain Injury, FGF-2 and the Adverse Effects of Excessive Motor Demand on Cortical and Nigral Degeneration: Marked Protection by Delayed Intermittent Exposure to Halothane. <i>Journal of Neurotrauma</i> , 2000, 17, 1067-1077.	1.7	9
41	CNS plasticity and assessment of forelimb sensorimotor outcome in unilateral rat models of stroke, cortical ablation, parkinsonism and spinal cord injury. <i>Neuropharmacology</i> , 2000, 39, 777-787.	2.0	1,217
42	Use-dependent exacerbation of brain damage occurs during an early post-lesion vulnerable period. <i>Brain Research</i> , 1998, 783, 286-292.	1.1	241
43	Preoptic Area Infusions of Morphine Disrupt and Naloxone Restores Parental-Like Behavior in Juvenile Rats. <i>Brain Research Bulletin</i> , 1997, 44, 183-191.	1.4	39
44	Issues in translating stroke recovery research from animals to humans. , 0, , 77-86.		0