

# Glenn R Yamakawa

## List of Publications by Year in descending order

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33  
papers

722  
citations

567281  
15  
h-index

552781  
26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dorsomedial Hypothalamic Nucleus Is Not Necessary for the Expression of Circadian Food-Anticipatory Activity in Rats. <i>Journal of Biological Rhythms</i> , 2007, 22, 467-478.	2.6	114
2	Physiological responses of the circadian clock to acute light exposure at night. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2009, 10, 279-291.	5.7	55
3	Is the glymphatic system the missing link between sleep impairments and neurological disorders? Examining the implications and uncertainties. <i>Progress in Neurobiology</i> , 2021, 198, 101917.	5.7	50
4	Repetitive Mild Traumatic Brain Injury Alters Glymphatic Clearance Rates in Limbic Structures of Adolescent Female Rats. <i>Scientific Reports</i> , 2020, 10, 6254.	3.3	48
5	Prolonged elevation of serum neurofilament light after concussion in male Australian football players. <i>Biomarker Research</i> , 2021, 9, 4.	6.8	44
6	Robust food anticipatory circadian rhythms in rats with complete ablation of the thalamic paraventricular nucleus. <i>Brain Research</i> , 2007, 1141, 108-118.	2.2	42
7	Assessment of a nutritional supplement containing resveratrol, prebiotic fiber, and omega-3 fatty acids for the prevention and treatment of mild traumatic brain injury in rats. <i>Neuroscience</i> , 2017, 365, 146-157.	2.3	37
8	The cholinergic forebrain arousal system acts directly on the circadian pacemaker. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13498-13503.	7.1	36
9	The need to incorporate aged animals into the preclinical modeling of neurological conditions. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 109, 114-128.	6.1	33
10	Phenotype and function of raphe projections to the suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2010, 31, 1974-1983.	2.6	30
11	Behavioral and pathophysiological outcomes associated with caffeine consumption and repetitive mild traumatic brain injury (RmTBI) in adolescent rats. <i>PLoS ONE</i> , 2017, 12, e0187218.	2.5	23
12	Serotonin 1A Receptors Alter Expression of Movement Representations. <i>Journal of Neuroscience</i> , 2013, 33, 4988-4999.	3.6	17
13	A Bump on the Head or Late to Bed: Behavioral and Pathophysiological Effects of Sleep Deprivation after Repetitive Mild Traumatic Brain Injury in Adolescent Rats. <i>Journal of Neurotrauma</i> , 2018, 35, 1895-1905.	3.4	17
14	Temporal profile and utility of serum neurofilament light in a rat model of mild traumatic brain injury. <i>Experimental Neurology</i> , 2021, 341, 113698.	4.1	17
15	A novel rat model of heterotopic ossification after polytrauma with traumatic brain injury. <i>Bone</i> , 2020, 133, 115263.	2.9	16
16	Manipulating cognitive reserve: Pre-injury environmental conditions influence the severity of concussion symptomology, gene expression, and response to melatonin treatment in rats. <i>Experimental Neurology</i> , 2017, 295, 55-65.	4.1	15
17	Targeting the Cerebrovascular System: Next-Generation Biomarkers and Treatment for Mild Traumatic Brain Injury. <i>Neuroscientist</i> , 2022, 28, 594-612.	3.5	15
18	The interaction of the circadian and immune system: Desynchrony as a pathological outcome to traumatic brain injury. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2020, 9, 100058.	2.8	13

#	ARTICLE	IF	CITATIONS
19	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, .	1.1	13
20	Investigating the Role of the Hypothalamus in Outcomes to Repetitive Mild Traumatic Brain Injury: Neonatal Monosodium Glutamate Does Not Exacerbate Deficits. <i>Neuroscience</i> , 2019, 413, 264-278.	2.3	12
21	Caffeine consumption during development alters spine density and recovery from repetitive mild traumatic brain injury in young adult rats. <i>Synapse</i> , 2020, 74, e22142.	1.2	10
22	Serum Neurofilament Light as a Biomarker of Traumatic Brain Injury in the Presence of Concomitant Peripheral Injury. <i>Biomarker Insights</i> , 2021, 16, 117727192110534.	2.5	10
23	Phase delays to light and gastrin-releasing peptide require the protein kinase A pathway. <i>Neuroscience Letters</i> , 2014, 559, 24-29.	2.1	9
24	Pain in the Developing Brain: Early Life Factors Alter Nociception and Neurobiological Function in Adolescent Rats. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab014.	1.6	8
25	White and Gray Matter Abnormalities in Australian Footballers With a History of Sports-Related Concussion: An MRI Study. <i>Cerebral Cortex</i> , 2021, 31, 5331-5338.	2.9	7
26	Examining the Progressive Behavior and Neuropathological Outcomes Associated with Chronic Repetitive Mild Traumatic Brain Injury in Rats. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa002.	1.6	6
27	Investigating the cumulative effects of $\Delta^9$ -tetrahydrocannabinol and repetitive mild traumatic brain injury on adolescent rats. <i>Brain Communications</i> , 2020, 2, fcaa042.	3.3	6
28	Activation of the Protein Kinase $\epsilon$ -Like Endoplasmic Reticulum Kinase (PERK) Pathway of the Unfolded Protein Response after Experimental Traumatic Brain Injury and Treatment with a PERK Inhibitor. <i>Neurotrauma Reports</i> , 2021, 2, 330-342.	1.4	5
29	Bone Health in Rats With Temporal Lobe Epilepsy in the Absence of Anti-Epileptic Drugs. <i>Frontiers in Pharmacology</i> , 2019, 10, 1278.	3.5	4
30	Administration of diphenyl diselenide (PhSe) <sub>2</sub> following repetitive mild traumatic brain injury exacerbates anxiety-like symptomology in a rat model. <i>Behavioural Brain Research</i> , 2020, 382, 112472.	2.2	4
31	Experimental traumatic brain injury does not lead to lung infection. <i>Journal of Neuroimmunology</i> , 2020, 343, 577239.	2.3	3
32	Gut microbiome depletion and repetitive mild traumatic brain injury differentially modify bone development in male and female adolescent rats. <i>Bone Reports</i> , 2021, 15, 101123.	0.4	2
33	Examining changes in rodent temperament following repetitive mild traumatic brain injury in adolescence.. <i>Behavioral Neuroscience</i> , 2020, 134, 384-393.	1.2	1