

# Kate Karelina

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,239  
citations

279798

23  
h-index

223800

46  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3594  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | CREB: a multifaceted regulator of neuronal plasticity and protection. <i>Journal of Neurochemistry</i> , 2011, 116, 1-9.  | 3.9 | 401       |
| 2  | Stress and IL-1 $\beta$ contribute to the development of depressive-like behavior following peripheral nerve injury. <i>Molecular Psychiatry</i> , 2010, 15, 404-414.   | 7.9 | 178       |
| 3  | Oxytocin Mediates Social Neuroprotection After Cerebral Ischemia. <i>Stroke</i> , 2011, 42, 3606-3611.  | 2.0 | 119       |
| 4  | miRNA-132: a dynamic regulator of cognitive capacity. <i>Brain Structure and Function</i> , 2013, 218, 817-831.   | 2.3 | 119       |
| 5  | Social isolation alters neuroinflammatory response to stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5895-5900.  | 7.1 | 103       |
| 6  | Modeling Social Influences on Human Health. <i>Psychosomatic Medicine</i> , 2011, 73, 67-74.  | 2.0 | 97        |
| 7  | Injury timing alters metabolic, inflammatory and functional outcomes following repeated mild traumatic brain injury. <i>Neurobiology of Disease</i> , 2014, 70, 108-116.  | 4.4 | 89        |
| 8  | Cannabinoids attenuate the effects of aging upon neuroinflammation and neurogenesis. <i>Neurobiology of Disease</i> , 2009, 34, 300-307.  | 4.4 | 84        |
| 9  | Selective influences of oxytocin on the evaluative processing of social stimuli. <i>Journal of Psychopharmacology</i> , 2011, 25, 1313-1319.  | 4.0 | 80        |
| 10 | Social Interaction Prevents the Development of Depressive-Like Behavior Post Nerve Injury in Mice: A Potential Role for Oxytocin. <i>Psychosomatic Medicine</i> , 2010, 72, 519-526.  | 2.0 | 75        |
| 11 | Motherhood Induces and Maintains Behavioral and Neural Plasticity across the Lifespan in the Rat. <i>Archives of Sexual Behavior</i> , 2008, 37, 43-56.   | 1.9 | 66        |
| 12 | Alcohol abuse after traumatic brain injury: Experimental and clinical evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 62, 89-99.  | 6.1 | 58        |
| 13 | Anxiety After Cardiac Arrest/Cardiopulmonary Resuscitation. <i>Stroke</i> , 2009, 40, 3601-3607.  | 2.0 | 56        |
| 14 | Sleep deprivation attenuates inflammatory responses and ischemic cell death. <i>Experimental Neurology</i> , 2009, 218, 129-136.  | 4.1 | 52        |
| 15 | Cardiopulmonary Arrest and Resuscitation Disrupts Cholinergic Anti-Inflammatory Processes: A Role for Cholinergic $\alpha 7$ Nicotinic Receptors. <i>Journal of Neuroscience</i> , 2011, 31, 3446-3452.   | 3.6 | 52        |
| 16 | Juvenile Traumatic Brain Injury Increases Alcohol Consumption and Reward in Female Mice. <i>Journal of Neurotrauma</i> , 2016, 33, 895-903.   | 3.4 | 51        |
| 17 | Cholinergic optimization of cue-evoked parietal activity during challenged attentional performance. <i>European Journal of Neuroscience</i> , 2009, 29, 1711-1722.  | 2.6 | 45        |
| 18 | Social interaction modulates autonomic, inflammatory, and depressive-like responses to cardiac arrest and cardiopulmonary resuscitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16342-16347. | 7.1 | 44        |

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|----|--|-----|-----------|
| 19 | MSK1 regulates environmental enrichment-induced hippocampal plasticity and cognitive enhancement. <i>Learning and Memory</i> , 2012, 19, 550-560.  | 1.3 | 37        |
| 20 | Traumatic brain injury and obesity induce persistent central insulin resistance. <i>European Journal of Neuroscience</i> , 2016, 43, 1034-1043.  | 2.6 | 36        |
| 21 | Social contact influences histological and behavioral outcomes following cerebral ischemia. <i>Experimental Neurology</i> , 2009, 220, 276-282.  | 4.1 | 33        |
| 22 | Minocycline blocks traumatic brain injury-induced alcohol consumption and nucleus accumbens inflammation in adolescent male mice. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 532-539.                      | 4.1 | 29        |
| 23 | Time-of-day determines neuronal damage and mortality after cardiac arrest. <i>Neurobiology of Disease</i> , 2009, 36, 352-360.   | 4.4 | 27        |
| 24 | Mitogen and stress-activated kinases 1/2 regulate ischemia-induced hippocampal progenitor cell proliferation and neurogenesis. <i>Neuroscience</i> , 2015, 285, 292-302.   | 2.3 | 25        |
| 25 | Binge ethanol in adulthood exacerbates negative outcomes following juvenile traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 304-311.  | 4.1 | 24        |
| 26 | Cardiac Arrest and Cardiopulmonary Resuscitation Dysregulates the Hypothalamicâ€Pituitaryâ€Adrenal Axis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1673-1682.                             | 4.3 | 23        |
| 27 | Traumatic brain injuries during development disrupt dopaminergic signaling. <i>Experimental Neurology</i> , 2017, 297, 110-117.  | 4.1 | 20        |
| 28 | Heart Rate Variability Predicts Cell Death and Inflammatory Responses to Global Cerebral Ischemia. <i>Frontiers in Physiology</i> , 2012, 3, 131.  | 2.8 | 19        |
| 29 | Mitogenâ€and stressâ€activated kinases regulate progenitor cell proliferation and neuron development in the adult dentate gyrus. <i>Journal of Neurochemistry</i> , 2012, 123, 676-688.                          | 3.9 | 18        |
| 30 | Mitogenâ€and stressâ€activated protein kinase 1 modulates photic entrainment of the suprachiasmatic circadian clock. <i>European Journal of Neuroscience</i> , 2013, 37, 130-140.                                | 2.6 | 17        |
| 31 | The mother as hunter: Significant reduction in foraging costs through enhancements of predation in maternal rats. <i>Hormones and Behavior</i> , 2014, 66, 649-654.  | 2.1 | 17        |
| 32 | Traumatic Brain Injuries during Development: Implications for Alcohol Abuse. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 135.  | 2.0 | 16        |
| 33 | Estrous phase alters social behavior in a polygynous but not a monogamous <i>Peromyscus</i> species. <i>Hormones and Behavior</i> , 2010, 58, 193-199.   | 2.1 | 13        |
| 34 | Moderate Intensity Treadmill Exercise Increases Survival of Newborn Hippocampal Neurons and Improves Neurobehavioral Outcomes after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 1858-1869. | 3.4 | 13        |
| 35 | Alcohol Use Disorder and Traumatic Brain Injury. <i>Alcohol Research: Current Reviews</i> , 2018, 39, 171-180.   | 3.6 | 12        |
| 36 | Does pediatric traumatic brain injury cause adult alcohol misuse: Combining preclinical and epidemiological approaches. <i>Experimental Neurology</i> , 2019, 317, 284-290.                                      | 4.1 | 11        |

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|----|---|-----|-----------|
| 37 | Ribosomal S6 kinase regulates ischemia-induced progenitor cell proliferation in the adult mouse hippocampus. <i>Experimental Neurology</i> , 2014, 253, 72-81.  | 4.1 | 10        |
| 38 | Mitogen- and Stress-Activated Protein Kinase 1 Regulates Status Epilepticus-Evoked Cell Death in the Hippocampus. <i>ASN Neuro</i> , 2017, 9, 175909141772660.  | 2.7 | 10        |
| 39 | Sex, Drugs, and TBI: The Role of Sex in Substance Abuse Related to Traumatic Brain Injuries. <i>Frontiers in Neurology</i> , 2020, 11, 546775.                  | 2.4 | 10        |
| 40 | Neuroenergetics of traumatic brain injury. <i>Concussion</i> , 2016, 1, CNC9.   | 1.0 | 9         |
| 41 | Repetitive Brain Injury of Juvenile Mice Impairs Environmental Enrichment-Induced Modulation of REM Sleep in Adulthood. <i>Neuroscience</i> , 2018, 375, 74-83. | 2.3 | 9         |
| 42 | Mild traumatic brain injury increases vulnerability to cerebral ischemia in mice. <i>Experimental Neurology</i> , 2021, 342, 113765.                            | 4.1 | 9         |
| 43 | Lifelong consequences of brain injuries during development: From risk to resilience. <i>Frontiers in Neuroendocrinology</i> , 2019, 55, 100793.                 | 5.2 | 8         |
| 44 | Oxytocin Influence on the Nucleus of the Solitary Tract: Beyond Homeostatic Regulation. <i>Journal of Neuroscience</i> , 2009, 29, 4687-4689.                   | 3.6 | 6         |
| 45 | The role of the stress system in recovery after traumatic brain injury: A tribute to Bruce S. McEwen. <i>Neurobiology of Stress</i> , 2022, 19, 100467.         | 4.0 | 6         |
| 46 | Short photoperiods alter cannabinoid receptor expression in hypothalamic nuclei related to energy balance. <i>Neuroscience Letters</i> , 2011, 491, 99-103.     | 2.1 | 2         |
| 47 | Ovarian Steroids Mediate Sex Differences in Alcohol Reward After Brain Injury in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .                   | 2.0 | 1         |