

# Ilia N Karatsoreos

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

6,299  
citations

101384

36  
h-index

114278

63  
g-index

92  
all docs

92  
docs citations

92  
times ranked

8658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of stress in the brain. <i>Nature Neuroscience</i> , 2015, 18, 1353-1363.	7.1	1,056
2	Disruption of circadian clocks has ramifications for metabolism, brain, and behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1657-1662.	3.3	461
3	Acute stress enhances glutamatergic transmission in prefrontal cortex and facilitates working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14075-14079.	3.3	391
4	Psychobiological allostasis: resistance, resilience and vulnerability. <i>Trends in Cognitive Sciences</i> , 2011, 15, 576-584.	4.0	358
5	Recruitment of Prefrontal Cortical Endocannabinoid Signaling by Glucocorticoids Contributes to Termination of the Stress Response. <i>Journal of Neuroscience</i> , 2011, 31, 10506-10515.	1.7	299
6	Mechanisms for acute stress-induced enhancement of glutamatergic transmission and working memory. <i>Molecular Psychiatry</i> , 2011, 16, 156-170.	4.1	277
7	Stress History and Pubertal Development Interact to Shape Hypothalamic-Pituitary-Adrenal Axis Plasticity. <i>Endocrinology</i> , 2006, 147, 1664-1674.	1.4	249
8	Sleep Deprivation and Circadian Disruption. <i>Sleep Medicine Clinics</i> , 2015, 10, 1-10.	1.2	226
9	Endocrine and Physiological Changes in Response to Chronic Corticosterone: A Potential Model of the Metabolic Syndrome in Mouse. <i>Endocrinology</i> , 2010, 151, 2117-2127.	1.4	221
10	Obesity diminishes synaptic markers, alters microglial morphology, and impairs cognitive function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15731-15736.	3.3	191
11	Annual Research Review: The neurobiology and physiology of resilience and adaptation across the life course. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2013, 54, 337-347.	3.1	167
12	Rapid elevations in limbic endocannabinoid content by glucocorticoid hormones in vivo. <i>Psychoneuroendocrinology</i> , 2010, 35, 1333-1338.	1.3	147
13	Estrogen protects against the detrimental effects of repeated stress on glutamatergic transmission and cognition. <i>Molecular Psychiatry</i> , 2014, 19, 588-598.	4.1	134
14	Links between Circadian Rhythms and Psychiatric Disease. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 162.	1.0	117
15	Phenotype Matters: Identification of Light-Responsive Cells in the Mouse Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2004, 24, 68-75.	1.7	112
16	A Role for Androgens in Regulating Circadian Behavior and the Suprachiasmatic Nucleus. <i>Endocrinology</i> , 2007, 148, 5487-5495.	1.4	105
17	Gonadectomy reveals sex differences in circadian rhythms and suprachiasmatic nucleus androgen receptors in mice. <i>Hormones and Behavior</i> , 2008, 53, 422-430.	1.0	104
18	Cell-Autonomous Regulation of Astrocyte Activation by the Circadian Clock Protein BMAL1. <i>Cell Reports</i> , 2018, 25, 1-9.e5.	2.9	100

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19	A peripheral endocannabinoid mechanism contributes to glucocorticoid-mediated metabolic syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 285-290.	3.3	99
20	Pubertal maturation and time of day differentially affect behavioral and neuroendocrine responses following an acute stressor. <i>Hormones and Behavior</i> , 2006, 50, 463-468.	1.0	96
21	Minireview: The Neuroendocrinology of the Suprachiasmatic Nucleus as a Conductor of Body Time in Mammals. <i>Endocrinology</i> , 2007, 148, 5640-5647.	1.4	93
22	Androgens Modulate Structure and Function of the Suprachiasmatic Nucleus Brain Clock. <i>Endocrinology</i> , 2011, 152, 1970-1978.	1.4	85
23	Dysregulated Hypothalamic-Pituitary-Adrenal Axis Function Contributes to Altered Endocrine and Neurobehavioral Responses to Acute Stress. <i>Frontiers in Psychiatry</i> , 2015, 6, 31.	1.3	77
24	Leptin Induces Hippocampal Synaptogenesis via CREB-Regulated MicroRNA-132 Suppression of p250GAP. <i>Molecular Endocrinology</i> , 2014, 28, 1073-1087.	3.7	74
25	Effects of Circadian Disruption on Mental and Physical Health. <i>Current Neurology and Neuroscience Reports</i> , 2012, 12, 218-225.	2.0	63
26	Resilience and vulnerability: a neurobiological perspective. <i>F1000prime Reports</i> , 2013, 5, 13.	5.9	61
27	Dose-Dependent Effects of Androgens on the Circadian Timing System and Its Response to Light. <i>Endocrinology</i> , 2012, 153, 2344-2352.	1.4	60
28	Diurnal regulation of the gastrin-releasing peptide receptor in the mouse circadian clock. <i>European Journal of Neuroscience</i> , 2006, 23, 1047-1053.	1.2	56
29	Role of corticosterone in altered neurobehavioral responses to acute stress in a model of compromised hypothalamic-pituitary-adrenal axis function. <i>Psychoneuroendocrinology</i> , 2019, 102, 248-255.	1.3	56
30	Nuclear receptor REV-ERB $\beta$ mediates circadian sensitivity to mortality in murine vesicular stomatitis virus-induced encephalitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5730-5735.	3.3	54
31	Sustained glucocorticoid exposure recruits cortico-limbic CRH signaling to modulate endocannabinoid function. <i>Psychoneuroendocrinology</i> , 2016, 66, 151-158.	1.3	47
32	Glucocorticoid Receptor mRNA Expression in the Hippocampal Formation of Male Rats before and after Pubertal Development in Response to Acute or Repeated Stress. <i>Neuroendocrinology</i> , 2008, 87, 160-167.	1.2	46
33	Environmental disruption of the circadian clock leads to altered sleep and immune responses in mouse. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 14-23.	2.0	46
34	Age- and Stress-Induced Changes in Corticotropin-Releasing Hormone mRNA Expression in the Paraventricular Nucleus of the Hypothalamus. <i>Neuroendocrinology</i> , 2007, 85, 199-206.	1.2	43
35	Dihydrotestosterone Increases Hippocampal N-Methyl-d-Aspartate Binding But Does Not Affect Choline Acetyltransferase Cell Number in the Forebrain or Choline Transporter Levels in the CA1 Region of Adult Male Rats. <i>Endocrinology</i> , 2005, 146, 2091-2097.	1.4	40
36	Pubertal shifts in adrenal responsiveness to stress and adrenocorticotrophic hormone in male rats. <i>Psychoneuroendocrinology</i> , 2014, 42, 146-152.	1.3	35

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37	Food for Thought: Hormonal, Experiential, and Neural Influences on Feeding and Obesity. <i>Journal of Neuroscience</i> , 2013, 33, 17610-17616.	1.7	32
38	The hypothalamic-pituitary-adrenal axis as a substrate for stress resilience: Interactions with the circadian clock. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100819.	2.5	25
39	Chronic Corticosterone Treatment During Adolescence Has Significant Effects on Metabolism and Skeletal Development in Male C57BL6/N Mice. <i>Endocrinology</i> , 2017, 158, 2239-2254.	1.4	22
40	Blunted cortisol rhythm is associated with learning impairment in aged hamsters. <i>Physiology and Behavior</i> , 2004, 82, 339-344.	1.0	21
41	The effects of acute stress and pubertal development on metabolic hormones in the rat. <i>Stress</i> , 2007, 10, 101-106.	0.8	21
42	Reward and Aversive Stimuli Produce Similar Nonphotic Phase Shifts.. <i>Behavioral Neuroscience</i> , 2004, 118, 131-137.	0.6	20
43	Anatomic, hematologic, and biochemical features of C57BL/6NCrl mice maintained on chronic oral corticosterone. <i>Comparative Medicine</i> , 2012, 62, 348-60.	0.4	19
44	Cardiac autonomic activity during simulated shift work. <i>Industrial Health</i> , 2019, 57, 118-132.	0.4	16
45	Timing is everything: a collection on how clocks affect resilience in biological systems. <i>F1000Research</i> , 2014, 3, 273.	0.8	16
46	Circadian desynchronization alters metabolic and immune responses following lipopolysaccharide inoculation in male mice. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 220-229.	2.0	14
47	Stress and Allostasis. , 2010, , 649-658.		13
48	Suprachiasmatic vasopressin and the circadian regulation of voluntary locomotor behavior. <i>European Journal of Neuroscience</i> , 2015, 41, 79-88.	1.2	10
49	Corticosterone inhibits vagal afferent glutamate release in the nucleus of the solitary tract via retrograde endocannabinoid signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C1097-C1106.	2.1	10
50	Effect of Aging on Daily Rhythms of Lactate Metabolism in the Medial Prefrontal Cortex of Male Mice. <i>Neuroscience</i> , 2020, 448, 300-310.	1.1	10
51	Sleep Deprivation and Circadian Disruption Stress, Allostasis, and Allostatic Load. <i>Sleep Medicine Clinics</i> , 2022, 17, 253-262.	1.2	9
52	Circadian Regulation of the Brain and Behavior: A Neuroendocrine Perspective. <i>Current Topics in Behavioral Neurosciences</i> , 2019, 43, 323-351.	0.8	7
53	Brainâ€‘body responses to chronic stress: a brief review. <i>Faculty Reviews</i> , 2021, 10, 83.	1.7	7
54	What Is Stress?. , 2020, , 19-42.		5

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55	Chronic hypothalamic-pituitary-adrenal axis disruption alters glutamate homeostasis and neural responses to stress in male C57Bl6/N mice. <i>Neurobiology of Stress</i> , 2022, 19, 100466.	1.9	5
56	Contributions of prefrontal cortex and hippocampal neuronal populations to altered behavioral responses to acute stress following HPA-axis disruption. <i>Psychoneuroendocrinology</i> , 2015, 61, 63.	1.3	4
57	Stress: Common themes toward the next frontier. <i>Frontiers in Neuroendocrinology</i> , 2018, 49, 3-7.	2.5	4
58	Ghrelin Receptor Signaling Is Not Required for Glucocorticoid-Induced Obesity in Male Mice. <i>Endocrinology</i> , 2020, 161, .	1.4	4
59	What Is Stress?. , 2012, , 11-29.		4
60	Stress and Brain Function. , 2012, , 497-507.		3
61	Interleukin-6 (IL-6) response to a simulated night-shift schedule is modulated by brain-derived neurotrophic factor (BDNF) genotype. <i>Chronobiology International</i> , 2020, 37, 1452-1456.	0.9	3
62	Sleep- and time of day-linked RNA transcript expression in wild-type and IL1 receptor accessory protein-null mice. <i>Journal of Applied Physiology</i> , 2020, 128, 1506-1522.	1.2	3
63	The relationship between circadian disruption and the development of metabolic syndrome and type 2 diabetes. <i>ChronoPhysiology and Therapy</i> , 2014, , 137.	0.5	2
64	Neuroinflammation May Indeed Be a Major Player in Opioid Use Disorder in Humans. <i>Biological Psychiatry</i> , 2021, 90, 511-512.	0.7	2
65	Circadian rhythms as modulators of stress resilience: From brain to body and back. <i>Psychoneuroendocrinology</i> , 2015, 61, 19.	1.3	1
66	Circadian Regulation of Endocrine Functions. , 2017, , 345-369.		1
67	Depression: What Is the Role of Physiological Dysregulation and Circadian Disruption?. <i>Neuropsychanalysis</i> , 2009, 11, 70-75.	0.1	0
68	Obesity: Peripheral Signals, Neural and Peptidergic. , 2016, , 3261-3281.		0