Ilia N Karatsoreos

List of Publications by Year
in descending order

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	Sleep Deprivation and Circadian Disruption Stress, Allostasis, and Allostatic Load. Sleep Medicine Clinics, 2022, 17, 253-262.	1.2	9
2	Chronic hypothalamic-pituitary-adrenal axis disruption alters glutamate homeostasis and neural responses to stress in male C57Bl6/N mice. Neurobiology of Stress, 2022, 19, 100466.	1.9	5
3	Neuroinflammation May Indeed Be a Major Player in Opioid Use Disorder in Humans. Biological Psychiatry, 2021, 90, 511-512.	0.7	2
4	Brainâ€“body responses to chronic stress: a brief review. Faculty Reviews, 2021, 10, 83.	1.7	7
5	The hypothalamic-pituitary-adrenal axis as a substrate for stress resilience: Interactions with the circadian clock. Frontiers in Neuroendocrinology, 2020, 56, 100819.	2.5	25
6	Ghrelin Receptor Signaling Is Not Required for Glucocorticoid-Induced Obesity in Male Mice. Endocrinology, 2020, 161, .	1.4	4
7	Corticosterone inhibits vagal afferent glutamate release in the nucleus of the solitary tract via retrograde endocannabinoid signaling. American Journal of Physiology - Cell Physiology, 2020, 319, C1097-C1106.	2.1	10
8	Effect of Aging on Daily Rhythms of Lactate Metabolism in the Medial Prefrontal Cortex of Male Mice. Neuroscience, 2020, 448, 300-310.	1.1	10
9	Interleukin-6 (IL-6) response to a simulated night-shift schedule is modulated by brain-derived neurotrophic factor (BDNF) genotype. Chronobiology International, 2020, 37, 1452-1456.	0.9	3
10	Sleep- and time of day-linked RNA transcript expression in wild-type and IL1 receptor accessory protein-null mice. Journal of Applied Physiology, 2020, 128, 1506-1522.	1.2	3
11	Circadian desynchronization alters metabolic and immune responses following lipopolysaccharide inoculation in male mice. Brain, Behavior, and Immunity, 2020, 88, 220-229.	2.0	14
12	What Is Stress?. , 2020, , 19-42.		5
13	Cardiac autonomic activity during simulated shift work. Industrial Health, 2019, 57, 118-132.	0.4	16
14	Circadian Regulation of the Brain and Behavior: A Neuroendocrine Perspective. Current Topics in Behavioral Neurosciences, 2019, 43, 323-351.	0.8	7
15	Role of corticosterone in altered neurobehavioral responses to acute stress in a model of compromised hypothalamic-pituitary-adrenal axis function. Psychoneuroendocrinology, 2019, 102, 248-255.	1.3	56
16	Stress: Common themes toward the next frontier. Frontiers in Neuroendocrinology, 2018, 49, 3-7.	2.5	4
17	Cell-Autonomous Regulation of Astrocyte Activation by the Circadian Clock Protein BMAL1. Cell Reports, 2018, 25, 1-9.e5.	2.9	100
18	Chronic Corticosterone Treatment During Adolescence Has Significant Effects on Metabolism and Skeletal Development in Male C57BL6/N Mice. Endocrinology, 2017, 158, 2239-2254.	1.4	22

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19	Circadian Regulation of Endocrine Functions. , 2017, , 345-369.		1
20	Nuclear receptor REV-ERBÎ± mediates circadian sensitivity to mortality in murine vesicular stomatitis virus-induced encephalitis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5730-5735.	3.3	54
21	Sustained glucocorticoid exposure recruits cortico-limbic CRH signaling to modulate endocannabinoid function. Psychoneuroendocrinology, 2016, 66, 151-158.	1.3	47
22	Obesity: Peripheral Signals, Neural and Peptidergic. , 2016, , 3261-3281.		0
23	Contributions of prefrontal cortex and hippocampal neuronal populations to altered behavioral responses to acute stress following HPA-axis disruption. Psychoneuroendocrinology, 2015, 61, 63.	1.3	4
24	Obesity diminishes synaptic markers, alters microglial morphology, and impairs cognitive function. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15731-15736.	3.3	191
25	A peripheral endocannabinoid mechanism contributes to glucocorticoid-mediated metabolic syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 285-290.	3.3	99
26	Environmental disruption of the circadian clock leads to altered sleep and immune responses in mouse. Brain, Behavior, and Immunity, 2015, 47, 14-23.	2.0	46
27	Sleep Deprivation and Circadian Disruption. Sleep Medicine Clinics, 2015, 10, 1-10.	1.2	226
28	Dysregulated HypothalamicÃ¢â‚¬â€œPituitaryÃ¢â‚¬â€œAdrenal Axis Function Contributes to Altered Endocrine and Neurobehavioral Responses to Acute Stress. Frontiers in Psychiatry, 2015, 6, 31.	1.3	77
29	Mechanisms of stress in the brain. Nature Neuroscience, 2015, 18, 1353-1363.	7.1	1,056
30	Suprachiasmatic vasopressin and the circadian regulation of voluntary locomotor behavior. European Journal of Neuroscience, 2015, 41, 79-88.	1.2	10
31	Circadian rhythms as modulators of stress resilience: From brain to body and back. Psychoneuroendocrinology, 2015, 61, 19.	1.3	1
32	The relationship between circadian disruption and the development of metabolic syndrome and type 2 diabetes. ChronoPhysiology and Therapy, 2014, , 137.	0.5	2
33	Pubertal shifts in adrenal responsiveness to stress and adrenocorticotropic hormone in male rats. Psychoneuroendocrinology, 2014, 42, 146-152.	1.3	35
34	Estrogen protects against the detrimental effects of repeated stress on glutamatergic transmission and cognition. Molecular Psychiatry, 2014, 19, 588-598.	4.1	134
35	Leptin Induces Hippocampal Synaptogenesis via CREB-Regulated MicroRNA-132 Suppression of p250GAP. Molecular Endocrinology, 2014, 28, 1073-1087.	3.7	74
36	Links between Circadian Rhythms and Psychiatric Disease. Frontiers in Behavioral Neuroscience, 2014, 8, 162.	1.0	117

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37	Timing is everything: a collection on how clocks affect resilience in biological systems. F1000Research, 2014, 3, 273.	0.8	16
38	Food for Thought: Hormonal, Experiential, and Neural Influences on Feeding and Obesity. Journal of Neuroscience, 2013, 33, 17610-17616.	1.7	32
39	Annual Research Review: The neurobiology and physiology of resilience and adaptation across the life course. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2013, 54, 337-347.	3.1	167
40	Resilience and vulnerability: a neurobiological perspective. F1000prime Reports, 2013, 5, 13.	5.9	61
41	Dose-Dependent Effects of Androgens on the Circadian Timing System and Its Response to Light. Endocrinology, 2012, 153, 2344-2352.	1.4	60
42	Stress and Brain Function. , 2012, , 497-507.		3
43	Effects of Circadian Disruption on Mental and Physical Health. Current Neurology and Neuroscience Reports, 2012, 12, 218-225.	2.0	63
44	What Is Stress?. , 2012, , 11-29.		4
45	Anatomic, hematologic, and biochemical features of C57BL/6NCrl mice maintained on chronic oral corticosterone. Comparative Medicine, 2012, 62, 348-60.	0.4	19
46	Disruption of circadian clocks has ramifications for metabolism, brain, and behavior. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1657-1662.	3.3	461
47	Psychobiological allostasis: resistance, resilience and vulnerability. Trends in Cognitive Sciences, 2011, 15, 576-584.	4.0	358
48	Mechanisms for acute stress-induced enhancement of glutamatergic transmission and working memory. Molecular Psychiatry, 2011, 16, 156-170.	4.1	277
49	Androgens Modulate Structure and Function of the Suprachiasmatic Nucleus Brain Clock. Endocrinology, 2011, 152, 1970-1978.	1.4	85
50	Recruitment of Prefrontal Cortical Endocannabinoid Signaling by Glucocorticoids Contributes to Termination of the Stress Response. Journal of Neuroscience, 2011, 31, 10506-10515.	1.7	299
51	Rapid elevations in limbic endocannabinoid content by glucocorticoid hormones in vivo. Psychoneuroendocrinology, 2010, 35, 1333-1338.	1.3	147
52	Endocrine and Physiological Changes in Response to Chronic Corticosterone: A Potential Model of the Metabolic Syndrome in Mouse. Endocrinology, 2010, 151, 2117-2127.	1.4	221
53	Stress and Allostasis. , 2010, , 649-658.		13
54	Acute stress enhances glutamatergic transmission in prefrontal cortex and facilitates working memory. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14075-14079.	3.3	391

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55	Depression: What Is the Role of Physiological Dysregulation and Circadian Disruption?. Neuropsychoanalysis, 2009, 11, 70-75.	0.1	0
56	Glucocorticoid Receptor mRNA Expression in the Hippocampal Formation of Male Rats before and after Pubertal Development in Response to Acute or Repeated Stress. Neuroendocrinology, 2008, 87, 160-167.	1.2	46
57	Gonadectomy reveals sex differences in circadian rhythms and suprachiasmatic nucleus androgen receptors in mice. Hormones and Behavior, 2008, 53, 422-430.	1.0	104
58	Age- and Stress-Induced Changes in Corticotropin-Releasing Hormone mRNA Expression in the Paraventricular Nucleus of the Hypothalamus. Neuroendocrinology, 2007, 85, 199-206.	1.2	43
59	Minireview: The Neuroendocrinology of the Suprachiasmatic Nucleus as a Conductor of Body Time in Mammals. Endocrinology, 2007, 148, 5640-5647.	1.4	93
60	A Role for Androgens in Regulating Circadian Behavior and the Suprachiasmatic Nucleus. Endocrinology, 2007, 148, 5487-5495.	1.4	105
61	The effects of acute stress and pubertal development on metabolic hormones in the rat. Stress, 2007, 10, 101-106.	0.8	21
62	Pubertal maturation and time of day differentially affect behavioral and neuroendocrine responses following an acute stressor. Hormones and Behavior, 2006, 50, 463-468.	1.0	96
63	Diurnal regulation of the gastrin-releasing peptide receptor in the mouse circadian clock. European Journal of Neuroscience, 2006, 23, 1047-1053.	1.2	56
64	Stress History and Pubertal Development Interact to Shape Hypothalamic-Pituitary-Adrenal Axis Plasticity. Endocrinology, 2006, 147, 1664-1674.	1.4	249
65	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. Endocrinology, 2005, 146, 2091-2097.	1.4	40
66	Phenotype Matters: Identification of Light-Responsive Cells in the Mouse Suprachiasmatic Nucleus. Journal of Neuroscience, 2004, 24, 68-75.	1.7	112
67	Blunted cortisol rhythm is associated with learning impairment in aged hamsters. Physiology and Behavior, 2004, 82, 339-344.	1.0	21
68	Reward and Aversive Stimuli Produce Similar Nonphotic Phase Shifts.. Behavioral Neuroscience, 2004, 118, 131-137.	0.6	20