

Alec J Davidson

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,239
citations

304743

22
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

2593
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Type-Specific Circadian Bioluminescence Rhythms in <i>Dbp</i> Reporter Mice. <i>Journal of Biological Rhythms</i> , 2022, 37, 53-77.	2.6	7
2	Environmental circadian disruption suppresses rhythms in kidney function and accelerates excretion of renal injury markers in urine of male hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F224-F233.	2.7	14
3	Collection of Mouse Brain Slices for Bioluminescence Imaging of Circadian Clock Networks. <i>Methods in Molecular Biology</i> , 2021, 2130, 287-294.	0.9	2
4	Shift Work Predicts Increases in Lipopolysaccharide-Binding Protein, Interleukin-10, and Leukocyte Counts in a Cross-Sectional Study of Healthy Volunteers Carrying Low-Grade Systemic Inflammation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13158.	2.6	8
5	Shift work influences the outcomes of Chlamydia infection and pathogenesis. <i>Scientific Reports</i> , 2020, 10, 15389.	3.3	1
6	Environmental Circadian Disruption Increases Stroke Severity and Dysregulates Immune Response. <i>Journal of Biological Rhythms</i> , 2020, 35, 368-376.	2.6	32
7	Health consequences of circadian disruption. <i>Sleep</i> , 2020, 43, .	1.1	30
8	A reductionist, in vitro model of environmental circadian disruption demonstrates SCN-independent and tissue-specific dysregulation of inflammatory responses. <i>PLoS ONE</i> , 2019, 14, e0217368.	2.5	6
9	mTOR signaling in VIP neurons regulates circadian clock synchrony and olfaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3296-E3304.	7.1	36
10	Network Dynamics Mediate Circadian Clock Plasticity. <i>Neuron</i> , 2017, 93, 441-450.	8.1	63
11	Neural correlates of individual differences in circadian behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150769.	2.6	21
12	Endogenous circadian regulation of pro-inflammatory cytokines and chemokines in the presence of bacterial lipopolysaccharide in humans. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 4-13.	4.1	64
13	Shell neurons of the master circadian clock coordinate the phase of tissue clocks throughout the brain and body. <i>BMC Biology</i> , 2015, 13, 43.	3.8	50
14	Health Consequences of Circadian Disruption in Humans and Animal Models. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 119, 283-323.	1.7	229
15	Dynamic Interactions Mediated by Nonredundant Signaling Mechanisms Couple Circadian Clock Neurons. <i>Neuron</i> , 2013, 80, 973-983.	8.1	179
16	Environmental Circadian Disruption Elevates the IL-6 Response to Lipopolysaccharide in Blood. <i>Journal of Biological Rhythms</i> , 2013, 28, 272-277.	2.6	56
17	Sleep Loss and the Inflammatory Response in Mice Under Chronic Environmental Circadian Disruption. <i>PLoS ONE</i> , 2013, 8, e63752.	2.5	36
18	Aging Differentially Affects the Re-entrainment Response of Central and Peripheral Circadian Oscillators. <i>Journal of Neuroscience</i> , 2012, 32, 16193-16202.	3.6	132

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19	Intrinsic Regulation of Spatiotemporal Organization within the Suprachiasmatic Nucleus. PLoS ONE, 2011, 6, e15869.	2.5	94
20	Dysregulation of Inflammatory Responses by Chronic Circadian Disruption. Journal of Immunology, 2010, 185, 5796-5805.	0.8	438
21	Visualizing jet lag in the mouse suprachiasmatic nucleus and peripheral circadian timing system. European Journal of Neuroscience, 2009, 29, 171-180.	2.6	157
22	Lesion studies targeting food-anticipatory activity. European Journal of Neuroscience, 2009, 30, 1658-1664.	2.6	102
23	Resetting of central and peripheral circadian oscillators in aged rats. Neurobiology of Aging, 2008, 29, 471-477.	3.1	117
24	SCN: Ringmaster of the Circadian Circus or Conductor of the Circadian Orchestra?. Novartis Foundation Symposium, 2008, , 110-125.	1.1	46
25	Daily timed meals dissociate circadian rhythms in hepatoma and healthy host liver. International Journal of Cancer, 2006, 118, 1623-1627.	5.1	26
26	Circadian Effects of Timed Meals (and Other Rewards). Methods in Enzymology, 2005, 393, 509-523.	1.0	25
27	Daily oscillations in liver function: diurnal vs circadian rhythmicity. Liver International, 2004, 24, 179-186.	3.9	61
28	Birds of a feather clock together – sometimes: social synchronization of circadian rhythms. Current Opinion in Neurobiology, 2003, 13, 765-769.	4.2	113
29	SCN: ringmaster of the circadian circus or conductor of the circadian orchestra?. Novartis Foundation Symposium, 2003, 253, 110-21; discussion 121-5, 281-4.	1.1	29
30	Food-anticipatory activity and liver per1-luc activity in diabetic transgenic rats. Physiology and Behavior, 2002, 76, 21-26.	2.1	58