Alec J Davidson

List of Publications by Year
in descending order

30	2,239	304743 22	434195 31
papers	citations	h-index	g-index

34	34	34	2593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dysregulation of Inflammatory Responses by Chronic Circadian Disruption. Journal of Immunology, 2010, 185, 5796-5805.	0.8	438
2	Health Consequences of Circadian Disruption in Humans and Animal Models. Progress in Molecular Biology and Translational Science, 2013, 119, 283-323.	1.7	229
3	Dynamic Interactions Mediated by Nonredundant Signaling Mechanisms Couple Circadian Clock Neurons. Neuron, 2013, 80, 973-983.	8.1	179
4	Visualizing jet lag in the mouse suprachiasmatic nucleus and peripheral circadian timing system. European Journal of Neuroscience, 2009, 29, 171-180.	2.6	157
5	Aging Differentially Affects the Re-entrainment Response of Central and Peripheral Circadian Oscillators. Journal of Neuroscience, 2012, 32, 16193-16202.	3.6	132
6	Resetting of central and peripheral circadian oscillators in aged rats. Neurobiology of Aging, 2008, 29, 471-477.	3.1	117
7	Birds of a feather clock together â€“ sometimes: social synchronization of circadian rhythms. Current Opinion in Neurobiology, 2003, 13, 765-769.	4.2	113
8	Lesion studies targeting foodâ€anticipatory activity. European Journal of Neuroscience, 2009, 30, 1658-1664.	2.6	102
9	Intrinsic Regulation of Spatiotemporal Organization within the Suprachiasmatic Nucleus. PLoS ONE, 2011, 6, e15869.	2.5	94
10	Endogenous circadian regulation of pro-inflammatory cytokines and chemokines in the presence of bacterial lipopolysaccharide in humans. Brain, Behavior, and Immunity, 2015, 47, 4-13.	4.1	64
11	Network Dynamics Mediate Circadian Clock Plasticity. Neuron, 2017, 93, 441-450.	8.1	63
12	Daily oscillations in liver function: diurnal vs circadian rhythmicity. Liver International, 2004, 24, 179-186.	3.9	61
13	Food-anticipatory activity and liver per1-luc activity in diabetic transgenic rats. Physiology and Behavior, 2002, 76, 21-26.	2.1	58
14	Environmental Circadian Disruption Elevates the IL-6 Response to Lipopolysaccharide in Blood. Journal of Biological Rhythms, 2013, 28, 272-277.	2.6	56
15	Shell neurons of the master circadian clock coordinate the phase of tissue clocks throughout the brain and body. BMC Biology, 2015, 13, 43.	3.8	50
16	SCN: Ringmaster of the Circadian Circus or Conductor of the Circadian Orchestra?. Novartis Foundation Symposium, 2008, , 110-125.	1.1	46
17	Sleep Loss and the Inflammatory Response in Mice Under Chronic Environmental Circadian Disruption. PLoS ONE, 2013, 8, e63752.	2.5	36
18	mTOR signaling in VIP neurons regulates circadian clock synchrony and olfaction. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3296-E3304.	7.1	36

#	Article	IF	Citations
19	Environmental Circadian Disruption Increases Stroke Severity and Dysregulates Immune Response. Journal of Biological Rhythms, 2020, 35, 368-376.	2.6	32
20	Health consequences of circadian disruption. Sleep, 2020, 43, .	1.1	30
21	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
22	Daily timed meals dissociate circadian rhythms in hepatoma and healthy host liver. International Journal of Cancer, 2006, 118, 1623-1627.	5.1	26
23	Circadian Effects of Timed Meals (and Other Rewards). Methods in Enzymology, 2005, 393, 509-523.	1.0	25
24	Neural correlates of individual differences in circadian behaviour. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150769.	2.6	21
25	Environmental circadian disruption suppresses rhythms in kidney function and accelerates excretion of renal injury markers in urine of male hypertensive rats. American Journal of Physiology - Renal Physiology, 2021, 320, F224-F233.	2.7	14
26	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. International Journal of Environmental Research and Public Health, 2021, 18, 13158.	2.6	8
27	Cell-Type-Specific Circadian Bioluminescence Rhythms inDbpReporter Mice. Journal of Biological Rhythms, 2022, 37, 53-77.	2.6	7
28	A reductionist, in vitro model of environmental circadian disruption demonstrates SCN-independent and tissue-specific dysregulation of inflammatory responses. PLoS ONE, 2019, 14, e0217368.	2.5	6
29	Collection of Mouse Brain Slices for Bioluminescence Imaging of Circadian Clock Networks. Methods in Molecular Biology, 2021, 2130, 287-294.	0.9	2
30	Shift work influences the outcomes of Chlamydia infection and pathogenesis. Scientific Reports, 2020, 10, 15389.	3.3	1