

Ron C Anafi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11706185/publications.pdf>

Version: 2024-02-01

22
papers

1,957
citations

516710

16
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

2590
citing authors

#	ARTICLE	IF	CITATIONS
1	CRY1–CBS binding regulates circadian clock function and metabolism. FEBS Journal, 2021, 288, 614-639.	4.7	29
2	Phylogeny and the function of sleep. , 2021, , .		0
3	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 1: Basic and Translational Aspects. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010181.	4.8	8
4	Understanding Circadian Mechanisms of Sudden Cardiac Death: A Report From the National Heart, Lung, and Blood Institute Workshop, Part 2: Population and Clinical Considerations. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010190.	4.8	3
5	Reply to Furlan et al.: The role of SIRT1 in cell autonomous clock function. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13173-13173.	7.1	0
6	Exploring phylogeny to find the function of sleep. Nature Reviews Neuroscience, 2019, 20, 109-116.	10.2	124
7	Computational and experimental insights into the circadian effects of SIRT1. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11643-11648.	7.1	49
8	Population-level rhythms in human skin with implications for circadian medicine. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12313-12318.	7.1	97
9	A database of tissue-specific rhythmically expressed human genes has potential applications in circadian medicine. Science Translational Medicine, 2018, 10, .	12.4	217
10	CYCLOPS reveals human transcriptional rhythms in health and disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5312-5317.	7.1	184
11	Clock Regulation of Metabolites Reveals Coupling between Transcription and Metabolism. Cell Metabolism, 2017, 25, 961-974.e4.	16.2	162
12	MetaCycle: an integrated R package to evaluate periodicity in large scale data. Bioinformatics, 2016, 32, 3351-3353.	4.1	413
13	Discovering Biology in Periodic Data through Phase Set Enrichment Analysis (PSEA). Journal of Biological Rhythms, 2016, 31, 244-257.	2.6	63
14	Machine Learning Helps Identify CHRONO as a Circadian Clock Component. PLoS Biology, 2014, 12, e1001840.	5.6	109
15	Blood-Gene Expression Reveals Reduced Circadian Rhythmicity in Individuals Resistant to Sleep Deprivation. Sleep, 2014, 37, 1589-1600.	1.1	68
16	Sleep is not just for the brain: transcriptional responses to sleep in peripheral tissues. BMC Genomics, 2013, 14, 362.	2.8	88
17	Design and analysis of large-scale biological rhythm studies: a comparison of algorithms for detecting periodic signals in biological data. Bioinformatics, 2013, 29, 3174-3180.	4.1	94
18	Balancing Robustness against the Dangers of Multiple Attractors in a Hopfield-Type Model of Biological Attractors. PLoS ONE, 2010, 5, e14413.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Impedance, gas mixing, and bimodal ventilation in constricted lungs. <i>Journal of Applied Physiology</i> , 2003, 94, 1003-1011.	2.5	26
20	Empirical model for dynamic force-length behavior of airway smooth muscle. <i>Journal of Applied Physiology</i> , 2002, 92, 455-460.	2.5	13
21	Mechanics of edematous lungs. <i>Journal of Applied Physiology</i> , 2001, 90, 2088-2093.	2.5	67
22	Airway stability and heterogeneity in the constricted lung. <i>Journal of Applied Physiology</i> , 2001, 91, 1185-1192.	2.5	118