

Nicholas F Lahens

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,563
citations

623734

14
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

5567
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitecap: An Exploratory Circadian Analysis Web Application. <i>Journal of Biological Rhythms</i> , 2022, 37, 43-52.	2.6	18
2	Time-specific associations of wearable sensor-based cardiovascular and behavioral readouts with disease phenotypes in the outpatient setting of the Chronic Renal Insufficiency Cohort. <i>Digital Health</i> , 2022, 8, 205520762211079.	1.8	4
3	Characterization of the genome and silk-gland transcriptomes of Darwin's bark spider (<i>Caerostris</i>) Tj ETQq1 1 0,784314 rgBT /Over	2.5	8
4	A circadian clock regulates efflux by the blood-brain barrier in mice and human cells. <i>Nature Communications</i> , 2021, 12, 617.	12.8	63
5	Time-of-day specificity of anticancer drugs may be mediated by circadian regulation of the cell cycle. <i>Science Advances</i> , 2021, 7, .	10.3	38
6	Loss of circadian protection against influenza infection in adult mice exposed to hyperoxia as neonates. <i>ELife</i> , 2021, 10, .	6.0	15
7	Comparative evaluation of full-length isoform quantification from RNA-Seq. <i>BMC Bioinformatics</i> , 2021, 22, 266.	2.6	15
8	MOCCASIN: a method for correcting for known and unknown confounders in RNA splicing analysis. <i>Nature Communications</i> , 2021, 12, 3353.	12.8	12
9	Sex-dependent compensatory mechanisms preserve blood pressure homeostasis in prostacyclin receptor-deficient mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	1
10	CAMPAREE: a robust and configurable RNA expression simulator. <i>BMC Genomics</i> , 2021, 22, 692.	2.8	2
11	Comparative evaluation of RNA-Seq library preparation methods for strand-specificity and low input. <i>Scientific Reports</i> , 2019, 9, 13477.	3.3	22
12	G1/S cell cycle regulators mediate effects of circadian dysregulation on tumor growth and provide targets for timed anticancer treatment. <i>PLoS Biology</i> , 2019, 17, e3000228.	5.6	71
13	Variability in the Analgesic Response to Ibuprofen Is Associated With Cyclooxygenase Activation in Inflammatory Pain. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 632-641.	4.7	21
14	Outlier detection for improved differential splicing quantification from RNA-Seq experiments with replicates. <i>Bioinformatics</i> , 2018, 34, 1488-1497.	4.1	35
15	Transcriptional profiling reveals extraordinary diversity among skeletal muscle tissues. <i>ELife</i> , 2018, 7, .	6.0	101
16	Dietary challenges differentially affect activity and sleep/wake behavior in <i>mus musculus</i> : Isolating independent associations with diet/energy balance and body weight. <i>PLoS ONE</i> , 2018, 13, e0196743.	2.5	2
17	Cyclooxygenase-2, Asymmetric Dimethylarginine, and the Cardiovascular Hazard From Nonsteroidal Anti-Inflammatory Drugs. <i>Circulation</i> , 2018, 138, 2367-2378.	1.6	13
18	The <i>Nephila clavipes</i> genome highlights the diversity of spider silk genes and their complex expression. <i>Nature Genetics</i> , 2017, 49, 895-903.	21.4	190

#	ARTICLE	IF	CITATIONS
19	A comparison of Illumina and Ion Torrent sequencing platforms in the context of differential gene expression. <i>BMC Genomics</i> , 2017, 18, 602.	2.8	57
20	A new view of transcriptome complexity and regulation through the lens of local splicing variations. <i>ELife</i> , 2016, 5, e11752.	6.0	385
21	Ribosome profiling reveals an important role for translational control in circadian gene expression. <i>Genome Research</i> , 2015, 25, 1836-1847.	5.5	99
22	A circadian gene expression atlas in mammals: Implications for biology and medicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16219-16224.	7.1	1,802
23	CircaDB: a database of mammalian circadian gene expression profiles. <i>Nucleic Acids Research</i> , 2012, 41, D1009-D1013.	14.5	285
24	Comparative analysis of RNA-Seq alignment algorithms and the RNA-Seq unified mapper (RUM). <i>Bioinformatics</i> , 2011, 27, 2518-2528.	4.1	298