

# Nicholas F Lahens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4294433/publications.pdf>

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	A circadian gene expression atlas in mammals: Implications for biology and medicine. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16219-16224.	7.1	1,802
2	A new view of transcriptome complexity and regulation through the lens of local splicing variations. ELife, 2016, 5, e11752.	6.0	385
3	Comparative analysis of RNA-Seq alignment algorithms and the RNA-Seq unified mapper (RUM). Bioinformatics, 2011, 27, 2518-2528.	4.1	298
4	CircaDB: a database of mammalian circadian gene expression profiles. Nucleic Acids Research, 2012, 41, D1009-D1013.	14.5	285
5	The Nephila clavipes genome highlights the diversity of spider silk genes and their complex expression. Nature Genetics, 2017, 49, 895-903.	21.4	190
6	Transcriptional profiling reveals extraordinary diversity among skeletal muscle tissues. ELife, 2018, 7, .	6.0	101
7	Ribosome profiling reveals an important role for translational control in circadian gene expression. Genome Research, 2015, 25, 1836-1847.	5.5	99
8	G1/S cell cycle regulators mediate effects of circadian dysregulation on tumor growth and provide targets for timed anticancer treatment. PLoS Biology, 2019, 17, e3000228.	5.6	71
9	A circadian clock regulates efflux by the blood-brain barrier in mice and human cells. Nature Communications, 2021, 12, 617.	12.8	63
10	A comparison of Illumina and Ion Torrent sequencing platforms in the context of differential gene expression. BMC Genomics, 2017, 18, 602.	2.8	57
11	Time-of-day specificity of anticancer drugs may be mediated by circadian regulation of the cell cycle. Science Advances, 2021, 7, .	10.3	38
12	Outlier detection for improved differential splicing quantification from RNA-Seq experiments with replicates. Bioinformatics, 2018, 34, 1488-1497.	4.1	35
13	Comparative evaluation of RNA-Seq library preparation methods for strand-specificity and low input. Scientific Reports, 2019, 9, 13477.	3.3	22
14	Variability in the Analgesic Response to Ibuprofen Is Associated With Cyclooxygenase Activation in Inflammatory Pain. Clinical Pharmacology and Therapeutics, 2019, 106, 632-641.	4.7	21
15	Nitecap: An Exploratory Circadian Analysis Web Application. Journal of Biological Rhythms, 2022, 37, 43-52.	2.6	18
16	Loss of circadian protection against influenza infection in adult mice exposed to hyperoxia as neonates. ELife, 2021, 10, .	6.0	15
17	Comparative evaluation of full-length isoform quantification from RNA-Seq. BMC Bioinformatics, 2021, 22, 266.	2.6	15
18	Cyclooxygenase-2, Asymmetric Dimethylarginine, and the Cardiovascular Hazard From Nonsteroidal Anti-Inflammatory Drugs. Circulation, 2018, 138, 2367-2378.	1.6	13

#	ARTICLE	IF	CITATIONS
19	MOCCASIN: a method for correcting for known and unknown confounders in RNA splicing analysis. Nature Communications, 2021, 12, 3353.	12.8	12
20	Characterization of the genome and silk-gland transcriptomes of Darwin's bark spider (Caerostris tj EQq0 0 0 rgBT /Overlock 10 T	2.5	2
21	Time-specific associations of wearable sensor-based cardiovascular and behavioral readouts with disease phenotypes in the outpatient setting of the Chronic Renal Insufficiency Cohort. Digital Health, 2022, 8, 205520762211079.	1.8	4
22	Dietary challenges differentially affect activity and sleep/wake behavior in mus musculus: Isolating independent associations with diet/energy balance and body weight. PLoS ONE, 2018, 13, e0196743.	2.5	2
23	CAMPAREE: a robust and configurable RNA expression simulator. BMC Genomics, 2021, 22, 692.	2.8	2
24	Sex-dependent compensatory mechanisms preserve blood pressure homeostasis in prostacyclin receptor-deficient mice. Journal of Clinical Investigation, 2021, 131, .	8.2	1