

Gang Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4562489/publications.pdf>

Version: 2024-02-01

28
papers

1,762
citations

394421

19
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

2308
citing authors

#	ARTICLE	IF	CITATIONS
1	MetaCycle: an integrated R package to evaluate periodicity in large scale data. <i>Bioinformatics</i> , 2016, 32, 3351-3353.	4.1	413
2	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	2.6	237
3	A database of tissue-specific rhythmically expressed human genes has potential applications in circadian medicine. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	217
4	Clock Regulation of Metabolites Reveals Coupling between Transcription and Metabolism. <i>Cell Metabolism</i> , 2017, 25, 961-974.e4.	16.2	162
5	Population-level rhythms in human skin with implications for circadian medicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12313-12318.	7.1	97
6	Cisplatin-DNA adduct repair of transcribed genes is controlled by two circadian programs in mouse tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4777-E4785.	7.1	65
7	Neural clocks and Neuropeptide F/Y regulate circadian gene expression in a peripheral metabolic tissue. <i>ELife</i> , 2016, 5, .	6.0	61
8	Adaptive Thermogenesis in Mice Is Enhanced by Opsin 3-Dependent Adipocyte Light Sensing. <i>Cell Reports</i> , 2020, 30, 672-686.e8.	6.4	53
9	The Circadian Clock Gene, <i>Bmal1</i> , Regulates Intestinal Stem Cell Signaling and Represses Tumor Initiation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1847-1872.e0.	4.5	43
10	Evaluation of Five Methods for Genome-Wide Circadian Gene Identification. <i>Journal of Biological Rhythms</i> , 2014, 29, 231-242.	2.6	41
11	Genome-wide effect of pulmonary airway epithelial cell-specific <i>Bmal1</i> deletion. <i>FASEB Journal</i> , 2019, 33, 6226-6238.	0.5	40
12	Shift Work Disrupts Circadian Regulation of the Transcriptome in Hospital Nurses. <i>Journal of Biological Rhythms</i> , 2019, 34, 167-177.	2.6	38
13	Mitochondrial genome sequences of <i>Artemia tibetiana</i> and <i>Artemia urmiana</i> : assessing molecular changes for high plateau adaptation. <i>Science China Life Sciences</i> , 2013, 56, 440-452.	4.9	37
14	A population-based gene expression signature of molecular clock phase from a single epidermal sample. <i>Genome Medicine</i> , 2020, 12, 73.	8.2	34
15	Diverse LEA (late embryogenesis abundant) and LEA-like genes and their responses to hypersaline stress in post-diapause embryonic development of <i>Artemia franciscana</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 160, 32-39.	1.6	32
16	Sequence Variation and Expression Analysis of Seed Dormancy- and Germination-Associated ABA- and GA-Related Genes in Rice Cultivars. <i>Frontiers in Plant Science</i> , 2011, 2, 17.	3.6	26
17	Ontogeny and function of the circadian clock in intestinal organoids. <i>EMBO Journal</i> , 2022, 41, e106973.	7.8	24
18	Circadian Dysregulation: The Next Frontier in Obstructive Sleep Apnea Research. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 948-955.	1.9	23

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19	Short-term exposure to intermittent hypoxia leads to changes in gene expression seen in chronic pulmonary disease. <i>ELife</i> , 2021, 10, .	6.0	22
20	A large-scale study reveals 24-h operational rhythms in hospital treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20953-20958.	7.1	20
21	RiceWiki: a wiki-based database for community curation of rice genes. <i>Nucleic Acids Research</i> , 2014, 42, D1222-D1228.	14.5	19
22	Normalized coefficient of variation (nCV): a method to evaluate circadian clock robustness in population scale data. <i>Bioinformatics</i> , 2021, 37, 4581-4583.	4.1	13
23	Gene and Genome Parameters of Mammalian Liver Circadian Genes (LCGs). <i>PLoS ONE</i> , 2012, 7, e46961.	2.5	10
24	Genome-wide studies of time of day in the brain: Design and analysis. <i>Brain Science Advances</i> , 2020, 6, 92-105.	0.9	10
25	Chronic jetlag-induced alterations in pancreatic diurnal gene expression. <i>Physiological Genomics</i> , 2021, 53, 319-335.	2.3	7
26	<i>duper</i> is a null mutation of Cryptochrome 1 in Syrian hamsters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2123560119.	7.1	6
27	Intermittent Hypoxia Alters the Circadian Expression of Clock Genes in Mouse Brain and Liver. <i>Genes</i> , 2021, 12, 1627.	2.4	5
28	Analysis of Diurnal Variations in Heart Rate: Potential Applications for Chronobiology and Cardiovascular Medicine. <i>Frontiers in Physiology</i> , 2022, 13, 835198.	2.8	3