

Jennifer M Hurley

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,486
citations

394286

19
h-index

526166

27
g-index

43
all docs

43
docs citations

43
times ranked

1519
citing authors

#	ARTICLE	IF	CITATIONS
1	Circadian control of heparan sulfate levels times phagocytosis of amyloid beta aggregates. <i>PLoS Genetics</i> , 2022, 18, e1009994.	1.5	22
2	MOSAIC: a joint modeling methodology for combined circadian and non-circadian analysis of multi-omics data. <i>Bioinformatics</i> , 2021, 37, 767-774.	1.8	10
3	Could COVID-19 eliminate the alarm clock?. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	0
4	Circadian Interactomics: How Research Into Protein-Protein Interactions Beyond the Core Clock Has Influenced the Model of Circadian Timekeeping. <i>Journal of Biological Rhythms</i> , 2021, 36, 315-328.	1.4	7
5	Post-transcriptional circadian regulation in macrophages organizes temporally distinct immunometabolic states. <i>Genome Research</i> , 2021, 31, 171-185.	2.4	55
6	ECHO: an application for detection and analysis of oscillators identifies metabolic regulation on genome-wide circadian output. <i>Bioinformatics</i> , 2020, 36, 773-781.	1.8	42
7	Intrinsic disorder is an essential characteristic of components in the conserved circadian circuit. <i>Cell Communication and Signaling</i> , 2020, 18, 181.	2.7	36
8	4 From Genetics to Molecular Oscillations: The Circadian Clock in <i>Neurospora crassa</i> . , 2020, , 77-103.		2
9	Can your diet change your clock?. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	0
10	Could gut flora cycles be key to treating diabetes?. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	1
11	Can eating help treat malaria?. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	0
12	Cytoplasmic traffic jams affect circadian timing. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	4
13	ENCORE. , 2019, 2019, 5-14.		8
14	Circadian Proteomic Analysis Uncovers Mechanisms of Post-Transcriptional Regulation in Metabolic Pathways. <i>Cell Systems</i> , 2018, 7, 613-626.e5.	2.9	93
15	Characterizing Time-of-Day Conformational Changes in the Intrinsically Disordered Proteins of the Circadian Clock. <i>Methods in Enzymology</i> , 2018, 611, 503-529.	0.4	10
16	Prediction of Metabolite Concentrations, Rate Constants and Post-Translational Regulation Using Maximum Entropy-Based Simulations with Application to Central Metabolism of <i>Neurospora crassa</i> . <i>Processes</i> , 2018, 6, 63.	1.3	24
17	The <i>Neurospora</i> Transcription Factor ADV-1 Transduces Light Signals and Temporal Information to Control Rhythmic Expression of Genes Involved in Cell Fusion. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 129-142.	0.8	47
18	Guidelines for Genome-Scale Analysis of Biological Rhythms. <i>Journal of Biological Rhythms</i> , 2017, 32, 380-393.	1.4	237

#	ARTICLE	IF	CITATIONS
19	Evolution to environmental contamination ablates the circadian clock of an aquatic sentinel species. <i>Ecology and Evolution</i> , 2017, 7, 10339-10349.	0.8	27
20	Circadian Rhythms in <i>Neurospora</i> Exhibit Biologically Relevant Driven and Damped Harmonic Oscillations. , 2017, 2017, 455-463.		12
21	Structure of the frequency-interacting <i>RNA</i> helicase: a protein interaction hub for the circadian clock. <i>EMBO Journal</i> , 2016, 35, 1707-1719.	3.5	31
22	Circadian Oscillators: Around the Transcription-Translation Feedback Loop and on to Output. <i>Trends in Biochemical Sciences</i> , 2016, 41, 834-846.	3.7	147
23	The circadian system as an organizer of metabolism. <i>Fungal Genetics and Biology</i> , 2016, 90, 39-43.	0.9	45
24	A Tool Set for the Genome-Wide Analysis of <i>Neurospora crassa</i> by RT-PCR. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2043-2049.	0.8	14
25	Dissecting the Mechanisms of the Clock in <i>Neurospora</i> . <i>Methods in Enzymology</i> , 2015, 551, 29-52.	0.4	38
26	Analysis of clock-regulated genes in <i>Neurospora</i> reveals widespread posttranscriptional control of metabolic potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16995-17002.	3.3	131
27	6 Photobiology and Circadian Clocks in <i>Neurospora</i> . , 2014, , 121-148.		8
28	Conserved RNA Helicase FRH Acts Nonenzymatically to Support the Intrinsically Disordered <i>Neurospora</i> Clock Protein FRQ. <i>Molecular Cell</i> , 2013, 52, 832-843.	4.5	83
29	A fable of too much too fast. <i>Nature</i> , 2013, 495, 57-58.	13.7	12
30	Light-Inducible System for Tunable Protein Expression in <i>Neurospora crassa</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1207-1212.	0.8	29
31	<i>Clostridium difficile</i> MazF Toxin Exhibits Selective, Not Global, mRNA Cleavage. <i>Journal of Bacteriology</i> , 2012, 194, 3464-3474.	1.0	59
32	Bacterial Toxin RelE Mediates Frequent Codon-independent mRNA Cleavage from the 5' End of Coding Regions in Vivo. <i>Journal of Biological Chemistry</i> , 2011, 286, 14770-14778.	1.6	47
33	Crystal Structures of Phd-Doc, HigA, and YeeU Establish Multiple Evolutionary Links between Microbial Growth-Regulating Toxin-Antitoxin Systems. <i>Structure</i> , 2010, 18, 996-1010.	1.6	65
34	Bacterial Toxin HigB Associates with Ribosomes and Mediates Translation-dependent mRNA Cleavage at A-rich Sites. <i>Journal of Biological Chemistry</i> , 2009, 284, 18605-18613.	1.6	119
35	A birth-death view of mRNA from the RNA recognition motif perspective. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 1-8.	0.5	1