Jennifer M Hurley

List of Publications by Year
in descending order

35 papers	1,486 citations	394421 19 h-index	526287 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. PLoS Genetics, 2022, 18, e1009994.	3.5	22
2	MOSAIC: a joint modeling methodology for combined circadian and non-circadian analysis of multi-omics data. Bioinformatics, 2021, 37, 767-774.	4.1	10
3	Could COVID-19 eliminate the alarm clock?. Science Translational Medicine, 2021, 13, .	12.4	0
4	Circadian Interactomics: How Research Into Protein-Protein Interactions Beyond the Core Clock Has Influenced the Model of Circadian Timekeeping. Journal of Biological Rhythms, 2021, 36, 315-328.	2.6	7
5	Post-transcriptional circadian regulation in macrophages organizes temporally distinct immunometabolic states. Genome Research, 2021, 31, 171-185.	5.5	55
6	ECHO: an application for detection and analysis of oscillators identifies metabolic regulation on genome-wide circadian output. Bioinformatics, 2020, 36, 773-781.	4.1	42
7	Intrinsic disorder is an essential characteristic of components in the conserved circadian circuit. Cell Communication and Signaling, 2020, 18, 181.	6.5	36
8	4 From Genetics to Molecular Oscillations: The Circadian Clock in Neurospora crassa. , 2020, , 77-103.		2
9	Can your diet change your clock?. Science Translational Medicine, 2020, 12, .	12.4	0
10	Could gut flora cycles be key to treating diabetes?. Science Translational Medicine, 2020, 12, .	12.4	1
11	Can eating help treat malaria?. Science Translational Medicine, 2020, 12, .	12.4	0
12	Cytoplasmic traffic jams affect circadian timing. Science Translational Medicine, 2020, 12, .	12.4	4
13	ENCORE. , 2019, 2019, 5-14.		8
14	Circadian Proteomic Analysis Uncovers Mechanisms of Post-Transcriptional Regulation in Metabolic Pathways. Cell Systems, 2018, 7, 613-626.e5.	6.2	93
15	Characterizing Time-of-Day Conformational Changes in the Intrinsically Disordered Proteins of the Circadian Clock. Methods in Enzymology, 2018, 611, 503-529.	1.0	10
16	Prediction of Metabolite Concentrations, Rate Constants and Post-Translational Regulation Using Maximum Entropy-Based Simulations with Application to Central Metabolism of Neurospora crassa. Processes, 2018, 6, 63.	2.8	24
17	The Neurospora Transcription Factor ADV-1 Transduces Light Signals and Temporal Information to Control Rhythmic Expression of Genes Involved in Cell Fusion. G3: Genes, Genomes, Genetics, 2017, 7, 129-142.	1.8	47
18	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	2.6	237

#	Article	IF	Citations
19	Evolution to environmental contamination ablates the circadian clock of an aquatic sentinel species. Ecology and Evolution, 2017, 7, 10339-10349.	1.9	27
20	Circadian Rhythms in Neurospora Exhibit Biologically Relevant Driven and Damped Harmonic Oscillations. , 2017, 2017, 455-463.		12
21	Structure of the frequencyâ€interacting <scp>RNA</scp> helicase: a protein interaction hub for the circadianÂclock. EMBO Journal, 2016, 35, 1707-1719.	7.8	31
22	Circadian Oscillators: Around the Transcriptionâ€“Translation Feedback Loop and on to Output. Trends in Biochemical Sciences, 2016, 41, 834-846.	7.5	147
23	The circadian system as an organizer of metabolism. Fungal Genetics and Biology, 2016, 90, 39-43.	2.1	45
24	A Tool Set for the Genome-Wide Analysis of Neurospora crassa by RT-PCR. G3: Genes, Genomes, Genetics, 2015, 5, 2043-2049.	1.8	14
25	Dissecting the Mechanisms of the Clock in Neurospora. Methods in Enzymology, 2015, 551, 29-52.	1.0	38
26	Analysis of clock-regulated genes in Neurospora reveals widespread posttranscriptional control of metabolic potential. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16995-17002.	7.1	131
27	6 Photobiology and Circadian Clocks in Neurospora. , 2014, , 121-148.		8
28	Conserved RNA Helicase FRH Acts Nonenzymatically to Support the Intrinsically Disordered Neurospora Clock Protein FRQ. Molecular Cell, 2013, 52, 832-843.	9.7	83
29	A fable of too much too fast. Nature, 2013, 495, 57-58.	27.8	12
30	Light-Inducible System for Tunable Protein Expression inNeurospora crassa. G3: Genes, Genomes, Genetics, 2012, 2, 1207-1212.	1.8	29
31	Clostridium difficile MazF Toxin Exhibits Selective, Not Global, mRNA Cleavage. Journal of Bacteriology, 2012, 194, 3464-3474.	2.2	59
32	Bacterial Toxin RelE Mediates Frequent Codon-independent mRNA Cleavage from the 5â€² End of Coding Regions in Vivo. Journal of Biological Chemistry, 2011, 286, 14770-14778.	3.4	47
33	Crystal Structures of Phd-Doc, HigA, and YeeU Establish Multiple Evolutionary Links between Microbial Growth-Regulating Toxin-Antitoxin Systems. Structure, 2010, 18, 996-1010.	3.3	65
34	Bacterial Toxin HigB Associates with Ribosomes and Mediates Translation-dependent mRNA Cleavage at A-rich Sites. Journal of Biological Chemistry, 2009, 284, 18605-18613.	3.4	119
35	A birthâ€toâ€death view of mRNA from the RNA recognition motif perspective. Biochemistry and Molecular Biology Education, 2008, 36, 1-8.	1.2	1