Gad Asher

List of Publications by Year
in descending order

45 papers	6,708 citations	159358 30 h-index	223531 46 g-index
46 all docs	46 docs citations	46 times ranked	7512 citing authors

#	Article	IF	Citations
1	Beyond circadian rhythms: emerging roles of ultradian rhythms in control of liver functions. Hepatology, 2023, 77, 1022-1035.	3.6	8
2	Circadian clocks' interactions with oxygen sensing and signalling. Acta Physiologica, 2022, 234, e13770.	1.8	12
3	Monitoring daytime differences in moderate intensity exercise capacity using treadmill test and muscle dissection. STAR Protocols, 2021, 2, 100331.	0.5	7
4	The liver-clock coordinates rhythmicity of peripheral tissues in response to feeding. Nature Metabolism, 2021, 3, 829-842.	5.1	70
5	The liver by day and by night. Journal of Hepatology, 2021, 74, 1240-1242.	1.8	4
6	Clock proteins and training modify exercise capacity in a daytime-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	21
7	Circadian Organelles: Rhythms at All Scales. Cells, 2021, 10, 2447.	1.8	9
8	A Lipidomics View of Circadian Biology. Methods in Molecular Biology, 2021, 2130, 157-168.	0.4	2
9	Circa-SCOPE: high-throughput live single-cell imaging method for analysis of circadian clock resetting. Nature Communications, 2021, 12, 5903.	5.8	10
10	Ultradian rhythms of AKT phosphorylation and gene expression emerge in the absence of the circadian clock components Per1 and Per2. PLoS Biology, 2021, 19, e3001492.	2.6	17
11	Hypoxia induces a time- and tissue-specific response that elicits intertissue circadian clock misalignment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 779-786.	3.3	79
12	Physiological and Molecular Dissection of Daily Variance in Exercise Capacity. Cell Metabolism, 2019, 30, 78-91.e4.	7.2	111
13	Oxygen and Carbon Dioxide Rhythms Are Circadian Clock Controlled and Differentially Directed by Behavioral Signals. Cell Metabolism, 2019, 29, 1092-1103.e3.	7.2	78
14	Crosstalk between metabolism and circadian clocks. Nature Reviews Molecular Cell Biology, 2019, 20, 227-241.	16.1	375
15	Liver size: Waning by day, Waxing by Night. Hepatology, 2018, 67, 441-443.	3.6	5
16	Circadian control of mitochondrial dynamics and functions. Current Opinion in Physiology, 2018, 5, 25-29.	0.9	11
17	Guidelines for Genome-Scale Analysis of Biological Rhythms. Journal of Biological Rhythms, 2017, 32, 380-393.	1.4	237
18	Rhythmic Oxygen Levels Reset Circadian Clocks through HIF1Î±. Cell Metabolism, 2017, 25, 93-101.	7.2	220

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19	The Circadian Nature of Mitochondrial Biology. Frontiers in Endocrinology, 2016, 7, 162.	1.5	63
20	Lipidomics Analyses Reveal Temporal and Spatial Lipid Organization and Uncover Daily Oscillations in Intracellular Organelles. Molecular Cell, 2016, 62, 636-648.	4.5	120
21	Circadian Clock Control of Liver Metabolic Functions. Gastroenterology, 2016, 150, 574-580.	0.6	209
22	Circadian control of oscillations in mitochondrial rate-limiting enzymes and nutrient utilization by PERIOD proteins. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1673-82.	3.3	190
23	The Liver in the Eyes of a Chronobiologist. Journal of Biological Rhythms, 2016, 31, 115-124.	1.4	29
24	Time for Food: The Intimate Interplay between Nutrition, Metabolism, and the Circadian Clock. Cell, 2015, 161, 84-92.	13.5	608
25	Circadian Clock Control by Polyamine Levels through a Mechanism that Declines with Age. Cell Metabolism, 2015, 22, 874-885.	7.2	113
26	The emerging roles of lipids in circadian control. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1017-1025.	1.2	51
27	The PXDLS linear motif regulates circadian rhythmicity through proteinâ€"protein interactions. Nucleic Acids Research, 2014, 42, 11879-11890.	6.5	11
28	Circadian Clocks and Feeding Time Regulate the Oscillations and Levels of Hepatic Triglycerides. Cell Metabolism, 2014, 19, 319-330.	7.2	326
29	Crosstalk between Components of Circadian and Metabolic Cycles in Mammals. Cell Metabolism, 2011, 13, 125-137.	7.2	527
30	Poly(ADP-Ribose) Polymerase 1 Participates in the Phase Entrainment of Circadian Clocks to Feeding. Cell, 2010, 142, 943-953.	13.5	309
31	Operational definition of intrinsically unstructured protein sequences based on susceptibility to the 20S proteasome. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1357-1366.	1.5	93
32	SIRT1 Regulates Circadian Clock Gene Expression through PER2 Deacetylation. Cell, 2008, 134, 317-328.	13.5	1,183
33	The Crystal Structure of NAD(P)H Quinone Oxidoreductase 1 in Complex with Its Potent Inhibitor Dicoumarol. Biochemistry, 2006, 45, 6372-6378.	1.2	145
34	A CLOCK-less clock. Trends in Cell Biology, 2006, 16, 547-549.	3.6	37
35	20S proteasomes and protein degradation â€œby defaultâ€• BioEssays, 2006, 28, 844-849.	1.2	175
36	Ubiquitin-independent degradation: lessons from the p53 model. Israel Medical Association Journal, 2006, 8, 229-32.	0.1	10

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37	Inhibition of NAD(P)H:quinone oxidoreductase 1 activity and induction of p53 degradation by the natural phenolic compound curcumin. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5535-5540.	3.3	138
38	A mechanism of ubiquitin-independent proteasomal degradation of the tumor suppressors p53 and p73. Genes and Development, 2005, 19, 316-321.	2.7	325
39	Mechanisms of Protein Degradation: An Odyssey with ODC. Cell Cycle, 2005, 4, 1461-1464.	1.3	46
40	p53 Proteasomal Degradation: Poly-Ubiquitination is Not the Whole Story. Cell Cycle, 2005, 4, 1015-1018.	1.3	66
41	20S Proteasomal Degradation of Ornithine Decarboxylase Is Regulated by NQO1. Molecular Cell, 2005, 17, 645-655.	4.5	139
42	p53-Dependent Apoptosis and NAD(P)H:Quinone Oxidoreductase 1. Methods in Enzymology, 2004, 382, 278-293.	0.4	18
43	p53 hot-spot mutants are resistant to ubiquitin-independent degradation by increased binding to NAD(P)H:quinone oxidoreductase 1. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15065-15070.	3.3	57
44	Mdm-2 and ubiquitin-independent p53 proteasomal degradation regulated by NQO1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13125-13130.	3.3	203
45	NQO1 stabilizes p53 through a distinct pathway. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3099-3104.	3.3	240