

# Troy Harkness

## List of Publications by Year in descending order

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27  
papers

847  
citations

687363

13  
h-index

580821

25  
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27  
all docs

27  
docs citations

27  
times ranked

1236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Histone Expression Promotes Life Span Extension. <i>Molecular Cell</i> , 2010, 39, 724-735.	9.7	375
2	The Yeast Forkhead Transcription Factors Fkh1 and Fkh2 Regulate Lifespan and Stress Response Together with the Anaphase-Promoting Complex. <i>PLoS Genetics</i> , 2012, 8, e1002583.	3.5	62
3	Chromatin assembly in a yeast whole-cell extract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9034-9039.	7.1	45
4	A Functional Analysis Reveals Dependence on the Anaphase-Promoting Complex for Prolonged Life Span in Yeast. <i>Genetics</i> , 2004, 168, 759-774.	2.9	42
5	Development, Maintenance, and Reversal of Multiple Drug Resistance: At the Crossroads of TFPI1, ABC Transporters, and HIF1. <i>Cancers</i> , 2015, 7, 2063-2082.	3.7	31
6	Troglitazone overcomes doxorubicin-resistance in resistant K562 leukemia cells. <i>Leukemia and Lymphoma</i> , 2005, 46, 1199-1206.	1.3	26
7	A Genome Scale Screen for Mutants with Delayed Exit from Mitosis: Ire1-Independent Induction of Autophagy Integrates ER Homeostasis into Mitotic Lifespan. <i>PLoS Genetics</i> , 2015, 11, e1005429.	3.5	26
8	Disruption of the gene encoding the 78-kilodalton subunit of the peripheral arm of complex I in <i>Neurospora crassa</i> by repeat induced point mutation (RIP). <i>Current Genetics</i> , 1995, 27, 339-350.	1.7	22
9	The <i>Saccharomyces cerevisiae</i> Anaphase-Promoting Complex Interacts with Multiple Histone-Modifying Enzymes To Regulate Cell Cycle Progression. <i>Eukaryotic Cell</i> , 2010, 9, 1418-1431.	3.4	22
10	Troglitazone inhibits histone deacetylase activity in breast cancer cells. <i>Cancer Letters</i> , 2010, 288, 236-250.	7.2	21
11	Novel Interaction between Apc5p and Rsp5p in an Intracellular Signaling Pathway in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2005, 4, 134-146.	3.4	19
12	Involvement of homologous recombination repair after proton-induced DNA damage. <i>Mutagenesis</i> , 2008, 23, 119-129.	2.6	17
13	The Anaphase Promoting Complex Regulates Yeast Lifespan and rDNA Stability by Targeting Fob1 for Degradation. <i>Genetics</i> , 2014, 196, 693-709.	2.9	17
14	Rapid Nuclear Exclusion of Hcm1 in Aging <i>Saccharomyces cerevisiae</i> Leads to Vacuolar Alkalization and Replicative Senescence. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1579-1592.	1.8	17
15	Contribution of CAF-I to Anaphase-Promoting-Complex-Mediated Mitotic Chromatin Assembly in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2005, 4, 673-684.	3.4	14
16	Mechanistic Insights into Aging, Cell-Cycle Progression, and Stress Response. <i>Frontiers in Physiology</i> , 2012, 3, 183.	2.8	14
17	The SNF1 Kinase Ubiquitin-associated Domain Restrains Its Activation, Activity, and the Yeast Life Span. <i>Journal of Biological Chemistry</i> , 2015, 290, 15393-15404.	3.4	14
18	TFPI1 Mediates Resistance to Doxorubicin in Breast Cancer Cells by Inducing a Hypoxic-Like Response. <i>PLoS ONE</i> , 2014, 9, e84611.	2.5	13

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19	A role for the anaphase promoting complex in hormone regulation. <i>Planta</i> , 2011, 233, 1223-1235.	3.2	12
20	A short motif in <i>Arabidopsis</i> CDK inhibitor ICK1 decreases the protein level, probably through a ubiquitin-independent mechanism. <i>Plant Journal</i> , 2016, 87, 617-628.	5.7	12
21	Novel Dimer Compounds That Bind $\alpha$ -Synuclein Can Rescue Cell Growth in a Yeast Model Overexpressing $\alpha$ -Synuclein. A Possible Prevention Strategy for Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1671-1680.	3.5	11
22	Chromatin Assembly from Yeast to Man: Conserved Factors and Conserved Molecular Mechanisms. <i>Current Genomics</i> , 2005, 6, 227-240.	1.6	6
23	Methods designed for the identification and characterization of in vitro and in vivo chromatin assembly mutants in <i>Saccharomyces cerevisiae</i> . <i>Biological Procedures Online</i> , 2003, 5, 162-169.	2.9	4
24	The Anaphase Promoting Complex and Aging: The APCs of Longevity. <i>Current Genomics</i> , 2006, 7, 263-272.	1.6	4
25	Decondensation of <i>Xenopus</i> sperm chromatin using <i>Saccharomyces cerevisiae</i> whole-cell extracts This paper is one of a selection of papers published in this Special Issue, entitled The Nucleus: A Cell Within A Cell. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006, 84, 451-458.	1.4	1
26	Living longer through mitochondrial housekeeping. <i>Cell Cycle</i> , 2015, 14, 1770-1770.	2.6	0
27	Disruption of the nuclear gene encoding the 20.8-kDa subunit of NADH:ubiquinone reductase of <i>Neurospora</i> mitochondria. <i>Molecular Genetics and Genomics</i> , 1996, 252, 177-183.	2.4	0