

Stephen B Helliwell

List of Publications by Year in descending order

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25
papers

2,284
citations

394421

19
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

5355
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective VPS34 inhibitor blocks autophagy and uncovers a role for NCOA4 in ferritin degradation and iron homeostasis in vivo. <i>Nature Cell Biology</i> , 2014, 16, 1069-1079.	10.3	534
2	Components of a Ubiquitin Ligase Complex Specify Polyubiquitination and Intracellular Trafficking of the General Amino Acid Permease. <i>Journal of Cell Biology</i> , 2001, 153, 649-662.	5.2	256
3	Protein-Protein Interactions of ESCRT Complexes in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , 2004, 5, 194-210.	2.7	180
4	TOR2 Is Part of Two Related Signaling Pathways Coordinating Cell Growth in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1998, 148, 99-112.	2.9	152
5	The Rho1 effector Pkc1, but not Bni1, mediates signalling from Tor2 to the actin cytoskeleton. <i>Current Biology</i> , 1998, 8, 1211-S2.	3.9	148
6	High-resolution chemical dissection of a model eukaryote reveals targets, pathways and gene functions. <i>Microbiological Research</i> , 2014, 169, 107-120.	5.3	142
7	Yeast Protein Kinases and the RHO1 Exchange Factor TUS1 Are Novel Components of the Cell Integrity Pathway in Yeast. <i>Molecular and Cellular Biology</i> , 2002, 22, 1329-1339.	2.3	127
8	Eap1p, a Novel Eukaryotic Translation Initiation Factor 4E-Associated Protein in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2000, 20, 4604-4613.	2.3	118
9	Evidence for a Functionally Relevant Rocaglamide Binding Site on the eIF4E-RNA Complex. <i>ACS Chemical Biology</i> , 2013, 8, 1519-1527.	3.4	102
10	Genome-wide CRISPR screen for PARKIN regulators reveals transcriptional repression as a determinant of mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E180-E189.	7.1	73
11	Target of Rapamycin Complex 2 Regulates Actin Polarization and Endocytosis via Multiple Pathways. <i>Journal of Biological Chemistry</i> , 2015, 290, 14963-14978.	3.4	72
12	TORC2 Signaling Pathway Guarantees Genome Stability in the Face of DNA Strand Breaks. <i>Molecular Cell</i> , 2013, 51, 829-839.	9.7	71
13	CLN3 expression is sufficient to restore G1-to-S-phase progression in <i>Saccharomyces cerevisiae</i> mutants defective in translation initiation factor eIF4E. <i>Biochemical Journal</i> , 1999, 340, 135-141.	3.7	49
14	NPR1 Kinase and RSP5-BUL1/2 Ubiquitin Ligase Control GLN3-dependent Transcription in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 37512-37517.	3.4	46
15	Pmr1, a Golgi Ca ²⁺ /Mn ²⁺ -ATPase, is a regulator of the target of rapamycin (TOR) signaling pathway in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17840-17845.	7.1	35
16	Preferential amplification of a human mitochondrial DNA deletion in vitro and in vivo. <i>Scientific Reports</i> , 2018, 8, 1799.	3.3	30
17	Stendomycin selectively inhibits TIM23-dependent mitochondrial protein import. <i>Nature Chemical Biology</i> , 2017, 13, 1239-1244.	8.0	24
18	An Integrated Approach for Identification and Target Validation of Antifungal Compounds Active against Erg11p. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4233-4240.	3.2	23

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19	Target of rapamycin complex 2â€™dependent phosphorylation of the coat protein Pan1 by Akl1 controls endocytosis dynamics in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 12043-12053.	3.4	23
20	High-Resolution Genetics Identifies the Lipid Transfer Protein Sec14p as Target for Antifungal Ergolines. <i>PLoS Genetics</i> , 2016, 12, e1006374.	3.5	22
21	Auxin-Inducible Depletion of the Essentialome Suggests Inhibition of TORC1 by Auxins and Inhibition of Vrg4 by SDZ 90-215, a Natural Antifungal Cyclopeptide. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 829-840.	1.8	16
22	FR171456 is a specific inhibitor of mammalian NSDHL and yeast Erg26p. <i>Nature Communications</i> , 2015, 6, 8613.	12.8	15
23	A novel Kex2 enzyme can process the proregion of the yeast alpha-factor leader in the endoplasmic reticulum instead of in the Golgi. <i>Biochemical and Biophysical Research Communications</i> , 1992, 183, 212-219.	2.1	12
24	A Lys27-to-Glu27mutation in the human insulin-like growth factor-1 prevents disulfide linked dimerization and allows secretion of BiP when expressed in yeast. <i>FEBS Letters</i> , 1991, 294, 213-216.	2.8	7
25	Two low complexity ultra-high throughput methods to identify diverse chemically bioactive molecules using <i>Saccharomyces cerevisiae</i> . <i>Microbiological Research</i> , 2017, 199, 10-18.	5.3	7