Rosemary Yu

List of Publications by Year
in descending order

19 papers	1,083 citations	687220 13 h-index	794469 19 g-index
25 all docs	25 docs citations	25 times ranked	1763 citing authors

#	Article	IF	Citations
1	The interplay between cell signalling and the mevalonate pathway in cancer. Nature Reviews Cancer, 2016, 16, 718-731.	12.8	447
2	Antagonistic regulation of motility and transcriptome expression by RpoN and RpoS in Escherichia coli. Molecular Microbiology, 2011, 79, 375-386.	1.2	85
3	Immediate Utility of Two Approved Agents to Target Both the Metabolic Mevalonate Pathway and Its Restorative Feedback Loop. Cancer Research, 2014, 74, 4772-4782.	0.4	64
4	An actionable sterol-regulated feedback loop modulates statin sensitivity in prostate cancer. Molecular Metabolism, 2019, 25, 119-130.	3.0	55
5	Genome-wide RNAi analysis reveals that simultaneous inhibition of specific mevalonate pathway genes potentiates tumor cell death. Oncotarget, 2015, 6, 26909-26921.	0.8	52
6	Nitrogen limitation reveals large reserves in metabolic and translational capacities of yeast. Nature Communications, 2020, 11, 1881.	5.8	51
7	Statin-Induced Cancer Cell Death Can Be Mechanistically Uncoupled from Prenylation of RAS Family Proteins. Cancer Research, 2018, 78, 1347-1357.	0.4	49
8	Polymorphism and selection of rpoS in pathogenic Escherichia coli. BMC Microbiology, 2009, 9, 118.	1.3	46
9	Proteome reallocation from amino acid biosynthesis to ribosomes enables yeast to grow faster in rich media. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21804-21812.	3.3	44
10	Adaptations in metabolism and protein translation give rise to the Crabtree effect in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	40
11	Recent Applications of Engineered Animal Antioxidant Deficiency Models in Human Nutrition and Chronic Disease. Journal of Nutrition, 2013, 143, 1-11.	1.3	33
12	Mevalonate Pathway Inhibition Slows Breast Cancer Metastasis via Reduced N-glycosylation Abundance and Branching. Cancer Research, 2021, 81, 2625-2635.	0.4	24
13	Quantifying absolute gene expression profiles reveals distinct regulation of central carbon metabolism genes in yeast. ELife, 2021, 10, .	2.8	21
14	Yeast metabolic innovations emerged via expanded metabolic network and gene positive selection. Molecular Systems Biology, 2021, 17, e10427.	3.2	17
15	Big data in yeast systems biology. FEMS Yeast Research, 2019, 19, .	1.1	15
16	Benchmarking accuracy and precision of intensityâ€based absolute quantification of protein abundances in Saccharomyces cerevisiae. Proteomics, 2021, 21, e2000093.	1.3	13
17	Different Routes of Protein Folding Contribute to Improved Protein Production in Saccharomyces cerevisiae. MBio, 2020, 11, .	1.8	12
18	Yeast systems biology in understanding principles of physiology underlying complex human diseases. Current Opinion in Biotechnology, 2020, 63, 63-69.	3.3	7

#	Article	IF	Citations
19	A single chromosome strain of S. cerevisiae exhibits diminished ethanol metabolism and tolerance. BMC Genomics, 2021, 22, 688.	1.2	2