Michael Downey

List of Publications by Year
in descending order

27 papers	1,194 citations	567144 15 h-index	526166 27 g-index
36 all docs	36 docs citations	36 times ranked	1841 citing authors

#	Article	IF	Citations
1	Hmgcs2-mediated ketogenesis modulates high-fat diet-induced hepatosteatosis. Molecular Metabolism, 2022, 61, 101494.	3.0	28
2	Ddp1 Cooperates with Ppx1 to Counter a Stress Response Initiated by Nonvacuolar Polyphosphate. MBio, 2022, 13, .	1.8	10
3	Non-histone protein acetylation by the evolutionarily conserved GCN5 and PCAF acetyltransferases. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194608.	0.9	23
4	Model systems for studying polyphosphate biology: a focus on microorganisms. Current Genetics, 2021, 67, 331-346.	0.8	26
5	The promises of lysine polyphosphorylation as a regulatory modification in mammals are tempered by conceptual and technical challenges. BioEssays, 2021, 43, e2100058.	1.2	10
6	Targeting Polyphosphate Kinases in the Fight against Pseudomonas aeruginosa. MBio, 2021, 12, e0147721.	1.8	3
7	Vtc5 Is Localized to the Vacuole Membrane by the Conserved AP-3 Complex to Regulate Polyphosphate Synthesis in Budding Yeast. MBio, 2021, 12, e0099421.	1.8	4
8	Proteins required for vacuolar function are targets of lysine polyphosphorylation in yeast. FEBS Letters, 2020, 594, 21-30.	1.3	17
9	A Broad Response to Intracellular Long-Chain Polyphosphate in Human Cells. Cell Reports, 2020, 33, 108318.	2.9	33
10	From underlying chemistry to therapeutic potential: open questions in the new field of lysine polyphosphorylation. Current Genetics, 2019, 65, 57-64.	0.8	16
11	Heart failure drug proscillaridin A targets MYC overexpressing leukemia through global loss of lysine acetylation. Journal of Experimental and Clinical Cancer Research, 2019, 38, 251.	3.5	27
12	SIRT3 controls brown fat thermogenesis by deacetylation regulation of pathways upstream of UCP1. Molecular Metabolism, 2019, 25, 35-49.	3.0	30
13	A Stringent Analysis of Polyphosphate Dynamics in <i>Escherichia coli</i>. Journal of Bacteriology, 2019, 201, .	1.0	8
14	A synthetic non-histone substrate to study substrate targeting by the Gcn5 HAT and sirtuin HDACs. Journal of Biological Chemistry, 2019, 294, 6227-6239.	1.6	9
15	Nonhistone targets of KAT2A and KAT2B implicated in cancer biology. Biochemistry and Cell Biology, 2019, 97, 30-45.	0.9	29
16	A Screen for Candidate Targets of Lysine Polyphosphorylation Uncovers a Conserved Network Implicated in Ribosome Biogenesis. Cell Reports, 2018, 22, 3427-3439.	2.9	61
17	A screen for novel targets casts polyphosphorylation of lysine as a common postâ€translational modification. FASEB Journal, 2018, 32, 791.12.	0.2	0
18	Nicotinamide Suppresses the DNA Damage Sensitivity of <i>Saccharomyces cerevisiae</i> Independently of Sirtuin Deacetylases. Genetics, 2016, 204, 569-579.	1.2	6

#	Article	IF	Citations
19	Building a KATalogue of acetyllysine targeting and function. Briefings in Functional Genomics, 2016, 15, 109-118.	1.3	21
20	Acetylome Profiling Reveals Overlap in the Regulation of Diverse Processes by Sirtuins, Gcn5, and Esa1. Molecular and Cellular Proteomics, 2015, 14, 162-176.	2.5	59
21	Polymerase Stalling during Replication, Transcription and Translation. Current Biology, 2014, 24, R445-R452.	1.8	36
22	Gcn5 and Sirtuins Regulate Acetylation of the Ribosomal Protein Transcription Factor Ifh1. Current Biology, 2013, 23, 1638-1648.	1.8	43
23	Repair Scaffolding Reaches New Heights at Blocked Replication Forks. Molecular Cell, 2010, 39, 162-164.	4.5	2
24	A Genome-Wide Screen Identifies the Evolutionarily Conserved KEOPS Complex as a Telomere Regulator. Cell, 2006, 124, 1155-1168.	13.5	158
25	Chromatin and DNA repair: the benefits of relaxation. Nature Cell Biology, 2006, 8, 9-10.	4.6	39
26	A phosphatase complex that dephosphorylates Î³H2AX regulates DNA damage checkpoint recovery. Nature, 2006, 439, 497-501.	13.7	439
27	γH2AX as a Checkpoint Maintenance Signal. Cell Cycle, 2006, 5, 1376-1381.	1.3	50