David P Toczyski

List of Publications by Year
in descending order

31 papers	2,485 citations	567281 15 h-index	580821 25 g-index
35 all docs	35 docs citations	35 times ranked	3206 citing authors

#	Article	IF	Citations
1	Functional dissection of protein complexes involved in yeast chromosome biology using a genetic interaction map. Nature, 2007, 446, 806-810.	27.8	806
2	A unified view of the DNA-damage checkpoint. Current Opinion in Cell Biology, 2002, 14, 237-245.	5.4	429
3	CDC5 and CKII Control Adaptation to the Yeast DNA Damage Checkpoint. Cell, 1997, 90, 1097-1106.	28.9	425
4	Damage-induced phosphorylation of Sld3 is important to block late origin firing. Nature, 2010, 467, 479-483.	27.8	179
5	Securin and B-cyclin/CDK are the only essential targets of the APC. Nature Cell Biology, 2003, 5, 1090-1094.	10.3	163
6	A proteomic screen reveals SCFGrr1 targets that regulate the glycolyticâ€“gluconeogenic switch. Nature Cell Biology, 2007, 9, 1184-1191.	10.3	77
7	Acetylome Profiling Reveals Overlap in the Regulation of Diverse Processes by Sirtuins, Gcn5, and Esa1. Molecular and Cellular Proteomics, 2015, 14, 162-176.	3.8	59
8	Ubiquitin Ligase Trapping Identifies an SCFSaf1 Pathway Targeting Unprocessed Vacuolar/Lysosomal Proteins. Molecular Cell, 2014, 53, 148-161.	9.7	49
9	Ubiquitination of Cdc20 by the APC Occurs through an Intramolecular Mechanism. Current Biology, 2011, 21, 1870-1877.	3.9	40
10	Polymerase Stalling during Replication, Transcription and Translation. Current Biology, 2014, 24, R445-R452.	3.9	36
11	DNA Damage Regulates Translation through Î²-TRCP Targeting of CReP. PLoS Genetics, 2015, 11, e1005292.	3.5	33
12	Isolation of ubiquitinated substrates by tandem affinity purification of E3 ligaseâ€“polyubiquitin-binding domain fusions (ligase traps). Nature Protocols, 2016, 11, 291-301.	12.0	32
13	Shelterin and subtelomeric <scp>DNA</scp> sequences control nucleosome maintenance and genome stability. EMBO Reports, 2019, 20, .	4.5	30
14	A comprehensive phenotypic CRISPR-Cas9 screen of the ubiquitin pathway uncovers roles of ubiquitin ligases in mitosis. Molecular Cell, 2021, 81, 1319-1336.e9.	9.7	24
15	The Yeast DNA Damage Checkpoint Kinase Rad53 Targets the Exoribonuclease, Xrn1. G3: Genes, Genomes, Genetics, 2018, 8, 3931-3944.	1.8	21
16	Hst3 is turned over by a replication stress-responsive SCF ^{Cdc4} phospho-degron. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5962-5967.	7.1	19
17	Rad53 Downregulates Mitotic Gene Transcription by Inhibiting the Transcriptional Activator Ndd1. Molecular and Cellular Biology, 2014, 34, 725-738.	2.3	14
18	Genetic analysis reveals functions of atypical polyubiquitin chains. ELife, 2018, 7, .	6.0	12

#	Article	IF	Citations
19	Phosphorylation and Proteasome Recognition of the mRNA-Binding Protein Cth2 Facilitates Yeast Adaptation to Iron Deficiency. MBio, 2018, 9, .	4.1	11
20	Ndd1 Turnover by SCFGrr1 Is Inhibited by the DNA Damage Checkpoint in Saccharomyces cerevisiae. PLoS Genetics, 2015, 11, e1005162.	3.5	10
21	Prb1 Protease Activity Is Required for Its Recognition by the F-Box Protein Saf1. Biochemistry, 2015, 54, 4423-4426.	2.5	6
22	Chemical-genetic CRISPR-Cas9 screens in human cells using a pathway-specific library. STAR Protocols, 2021, 2, 100685.	1.2	4
23	The kinase Isr1 negatively regulates hexosamine biosynthesis in S. cerevisiae. PLoS Genetics, 2020, 16, e1008840.	3.5	3
24	Mck1 kinase is a new player in the DNA damage checkpoint pathway. PLoS Genetics, 2019, 15, e1008372.	3.5	2
25	Fifty years of cycling. Molecular Biology of the Cell, 2020, 31, 2868-2870.	2.1	1
26	Parallel Parkin: Cdc20 Takes a New Partner. Molecular Cell, 2015, 60, 3-4.	9.7	0
27	Redundant targeting of Isr1 by two CDKs in mitotic cells. Current Genetics, 2021, 67, 79-83.	1.7	0
28	The kinase Isr1 negatively regulates hexosamine biosynthesis in S. cerevisiae. , 2020, 16, e1008840.		0
29	The kinase Isr1 negatively regulates hexosamine biosynthesis in S. cerevisiae. , 2020, 16, e1008840.		0
30	The kinase Isr1 negatively regulates hexosamine biosynthesis in S. cerevisiae. , 2020, 16, e1008840.		0
31	The kinase Isr1 negatively regulates hexosamine biosynthesis in S. cerevisiae. , 2020, 16, e1008840.		0