Deborah L Perlstein

List of Publications by Year
in descending order

23	810	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subcellular localization of yeast ribonucleotide reductase regulated by the DNA replication and damage checkpoint pathways. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6628-6633.	7.1	133
2	Complete Characterization of the Seventeen Step Moenomycin Biosynthetic Pathway. Biochemistry, 2009, 48, 8830-8841.	2.5	85
3	The Direction of Glycan Chain Elongation by Peptidoglycan Glycosyltransferases. Journal of the American Chemical Society, 2007, 129, 12674-12675.	13.7	82
4	Pulsed ELDOR Spectroscopy Measures the Distance between the Two Tyrosyl Radicals in the R2 Subunit of theE. coliRibonucleotide Reductase. Journal of the American Chemical Society, 2003, 125, 14988-14989.	13.7	60
5	Structure of the yeast ribonucleotide reductase Y2Y4 heterodimer. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10073-10078.	7.1	53
6	The Role of the Substrate Lipid in Processive Glycan Polymerization by the Peptidoglycan Glycosyltransferases. Journal of the American Chemical Society, 2010, 132, 48-49.	13.7	47
7	Purification of ribonucleotide reductase subunits Y1, Y2, Y3, and Y4 from yeast: Y4 plays a key role in diiron cluster assembly. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 12339-12344.	7.1	45
8	Structures of the Yeast Ribonucleotide Reductase Rnr2 and Rnr4 Homodimers,. Biochemistry, 2004, 43, 7736-7742.	2.5	43
9	Nuclear localization of the Saccharomyces cerevisiae ribonucleotide reductase small subunit requires a karyopherin and a WD40 repeat protein. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1422-1427.	7.1	41
10	Why multiple small subunits (Y2 and Y4) for yeast ribonucleotide reductase? Toward understanding the role of Y4. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10067-10072.	7.1	37
11	The Active Form of theSaccharomyces cerevisiaeRibonucleotide Reductase Small Subunit Is a Heterodimerin Vitroandin Vivoâ€. Biochemistry, 2005, 44, 15366-15377.	2.5	33
12	Studying a Cell Division Amidase Using Defined Peptidoglycan Substrates. Journal of the American Chemical Society, 2009, 131, 18230-18231.	13.7	26
13	The Yeast Nbp35-Cfd1 Cytosolic Iron-Sulfur Cluster Scaffold Is an ATPase. Journal of Biological Chemistry, 2015, 290, 23793-23802.	3.4	24
14	Determination of the in Vivo Stoichiometry of Tyrosyl Radical per Î²Î²â€˜ inSaccharomyces cerevisiaeRibonucleotide Reductaseâ€. Biochemistry, 2006, 45, 12282-12294.	2.5	23
15	Two Distinct Mechanisms for TIM Barrel Prenyltransferases in Bacteria. Journal of the American Chemical Society, 2011, 133, 1270-1273.	13.7	22
16	Coupling Nucleotide Binding and Hydrolysis to Ironâ€“Sulfur Cluster Acquisition and Transfer Revealed through Genetic Dissection of the Nbp35 ATPase Site. Biochemistry, 2019, 58, 2017-2027.	2.5	20
17	Identifying the Protein Interactions of the Cytosolic Ironâ€“Sulfur Cluster Targeting Complex Essential for Its Assembly and Recognition of Apo-Targets. Biochemistry, 2018, 57, 2349-2358.	2.5	13
18	Detection of low levels of BrÃ¸nsted acidity in Na+Y and Na+X zeolites. Chemical Communications, 1998, , 269-270.	4.1	7

#	Article	IF	Citations
19	Approaches to Interrogate the Role of Nucleotide Hydrolysis by Metal Trafficking NTPases: The Nbp35â€“Cfd1 Ironâ€“Sulfur Cluster Scaffold as a Case Study. Methods in Enzymology, 2018, 599, 293-325.	1.0	7
20	Defining the domains of Cia2 required for its essential function in vivo and in vitro. Metallomics, 2017, 9, 1645-1654.	2.4	6
21	The Cfd1 Subunit of the Nbp35-Cfd1 Iron Sulfur Cluster Scaffolding Complex Controls Nucleotide Binding. Biochemistry, 2019, 58, 1587-1595.	2.5	2
22	Methods to Unravel the Roles of ATPases in Fe-S Cluster Biosynthesis. Methods in Molecular Biology, 2021, 2353, 155-171.	0.9	1
23	Identifying the Binding Interface between Rad3 and the Cytosolic Iron Sulfur Cluster Assembly Targeting Complex. FASEB Journal, 2019, 33, .	0.5	0