

Badri Nath Singh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

758
citations

567281

15
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

990
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular characterization of pea DNA gyrase-A reveals dual localization of protein in plastid and mitochondria. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2019, 28, 291-300.	1.7	1
2	Dynamics of tobacco DNA topoisomerases II in cell cycle regulation: to manage topological constrains during replication, transcription and mitotic chromosome condensation and segregation. <i>Plant Molecular Biology</i> , 2017, 94, 595-607.	3.9	8
3	Over-expression of Topoisomerase II Enhances Salt Stress Tolerance in Tobacco. <i>Frontiers in Plant Science</i> , 2016, 7, 1280.	3.6	25
4	Promoter-Terminator Gene Loops Affect Alternative 3'â€²-End Processing in Yeast. <i>Journal of Biological Chemistry</i> , 2016, 291, 8960-8968.	3.4	15
5	Cell cycle stage-specific differential expression of topoisomerase I in tobacco BY-2 cells and its ectopic overexpression and knockdown unravels its crucial role in plant morphogenesis and development. <i>Plant Science</i> , 2015, 240, 182-192.	3.6	3
6	Detection of Short-Range Chromatin Interactions by Chromosome Conformation Capture (3C) in Yeast. <i>Methods in Molecular Biology</i> , 2014, 1205, 209-218.	0.9	3
7	DNA Looping Facilitates Targeting of a Chromatin Remodeling Enzyme. <i>Molecular Cell</i> , 2013, 50, 93-103.	9.7	36
8	The interaction of Pcf11 and Clp1 is needed for mRNA 3'-end formation and is modulated by amino acids in the ATP-binding site. <i>Nucleic Acids Research</i> , 2012, 40, 1214-1225.	14.5	29
9	Control of eukaryotic gene expression: Gene loops and transcriptional memory. <i>Advances in Enzyme Regulation</i> , 2011, 51, 118-125.	2.6	75
10	Conformational coupling, bridge helix dynamics and active site dehydration in catalysis by RNA polymerase. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 575-587.	1.9	34
11	The Essential N Terminus of the Pta1 Scaffold Protein Is Required for snoRNA Transcription Termination and Ssu72 Function but Is Dispensable for Pre-mRNA 3'â€²-End Processing. <i>Molecular and Cellular Biology</i> , 2009, 29, 2296-2307.	2.3	52
12	Detection of gene loops by 3C in yeast. <i>Methods</i> , 2009, 48, 361-367.	3.8	26
13	A physiological role for gene loops in yeast. <i>Genes and Development</i> , 2009, 23, 2604-2609.	5.9	126
14	Regulation of Transcript Elongation through Cooperative and Ordered Recruitment of Cofactors*. <i>Journal of Biological Chemistry</i> , 2007, 282, 20887-20896.	3.4	19
15	A Transcription-Independent Role for TFIIB in Gene Looping. <i>Molecular Cell</i> , 2007, 27, 806-816.	9.7	156
16	Transcription regulation from a TATA and INR-less promoter: spatial segregation of promoter function. <i>EMBO Journal</i> , 2006, 25, 811-821.	7.8	16
17	A pea chloroplast translation elongation factor that is regulated by abiotic factors. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 523-530.	2.1	64
18	Plant DNA Topoisomerases: Structure, Function, and Cellular Roles in Plant Development. <i>Critical Reviews in Plant Sciences</i> , 2004, 23, 251-269.	5.7	28

#	ARTICLE	IF	CITATIONS
19	Molecular characterization of a nuclear topoisomerase II from <i>Nicotiana tabacum</i> that functionally complements a temperature-sensitive topoisomerase II yeast mutant. <i>Plant Molecular Biology</i> , 2003, 52, 1063-1076.	3.9	15
20	Cloning and characterization of a cell cycle-regulated gene encoding Topoisomerase I from <i>Nicotiana tabacum</i> that is inducible by light, low temperature and abscisic acid. <i>Molecular Genetics and Genomics</i> , 2002, 267, 380-390.	2.1	20
21	Cloning and expression of a nuclear encoded plastid specific 33 kDa ribonucleoprotein gene (33RNP) from pea that is light stimulated. <i>Gene</i> , 2001, 263, 179-187.	2.2	7