Gauranga Mukhopadhyay

List of Publications by Year
in descending order

34	906	394421 19	454955 30
papers	citations	h-index	g-index

34	34	34	1029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Mechanisms of Action of Herbal Antifungal Alkaloid Berberine, in Candida albicans. PLoS ONE, 2014, 9, e104554.	2.5	73
2	Interactions between bacteria and Candida in the burn wound. Burns, 2005, 31, 375-378.	1.9	67
3	Activation of DNA Binding by the Monomeric Form of the P1 Replication Initiator RepA by Heat Shock Proteins DnaJ and DnaK. Journal of Molecular Biology, 1993, 232, 23-34.	4.2	63
4	SRE1 and SRE2 are two specific steroid-responsive modules ofCandida drug resistance gene 1(CDR1) promoter. Yeast, 2004, 21, 219-239.	1.7	52
5	Pregnane and Xenobiotic Receptor (PXR/SXR) resides predominantly in the nuclear compartment of the interphase cell and associates with the condensed chromosomes during mitosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1746, 85-94.	4.1	51
6	Functional characterization of Helicobacter pylori DnaB helicase. Nucleic Acids Research, 2003, 31, 6828-6840.	14.5	50
7	Susceptibility Pattern and Molecular Type of Species-Specific Candida in Oropharyngeal Lesions of Indian Human Immunodeficiency Virus-Positive Patients. Journal of Clinical Microbiology, 2004, 42, 1260-1262.	3.9	47
8	Epidemiology and molecular typing of Candida isolates from burn patients. Mycopathologia, 2004, 158, 397-405.	3.1	47
9	Responses of Pathogenic and Nonpathogenic Yeast Species to Steroids Reveal the Functioning and Evolution of Multidrug Resistance Transcriptional Networks. Eukaryotic Cell, 2008, 7, 68-77.	3.4	37
10	A genome-wide steroid response study of the major human fungal pathogen Candida albicans. Mycopathologia, 2007, 164, 1-17.	3.1	35
11	Conformation of the Origin of P1 Plasmid Replication. Journal of Molecular Biology, 1993, 231, 19-28.	4.2	34
12	Helicobacter pylori DnaB helicase can bypass Escherichia coli DnaC function in vivo. Biochemical Journal, 2005, 389, 541-548.	3.7	33
13	Biochemical Analysis of CagE: A VirB4 Homologue of Helicobacter pylori Cag-T4SS. PLoS ONE, 2015, 10, e0142606.	2.5	32
14	Identification of a negative regulatory element which regulates basal transcription of a multidrug resistance gene of. FEMS Yeast Research, 2004, 4, 389-399.	2.3	28
15	Molecular mechanism of action of major Helicobacter pylori virulence factors. Molecular and Cellular Biochemistry, 2003, 253, 207-215.	3.1	27
16	Expression of the CDR1 efflux pump in clinical Candida albicans isolates is controlled by a negative regulatory element. Biochemical and Biophysical Research Communications, 2005, 332, 206-214.	2.1	24
17	Identification and Antifungal susceptibility testing of Candida species: A Comparison of Vitek-2 system with conventional and molecular methods. Journal of Global Infectious Diseases, 2016, 8, 139.	0.5	24
18	The domain structure of Helicobacter pylori DnaB helicase: the N-terminal domain can be dispensable for helicase activity whereas the extreme C-terminal region is essential for its function. Nucleic Acids Research, 2007, 35, 2861-2874.	14.5	22

#	Article	IF	Citations
19	Genome-wide expression profile of steroid response in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 2004, 317, 406-413.	2.1	21
20	Cag Type IV Secretion System: CagI Independent Bacterial Surface Localization of CagA. PLoS ONE, 2013, 8, e74620.	2.5	21
21	Purification of full-length human Pregnane and Xenobiotic Receptor: polyclonal antibody preparation for immunological characterization. Cell Research, 2005, 15, 785-795.	12.0	19
22	Ncb2 Is Involved in Activated Transcription of CDR1 in Azole-Resistant Clinical Isolates of Candida albicans. Eukaryotic Cell, 2011, 10, 1357-1366.	3.4	17
23	Allelic variants of ABC drug transporter Cdr1p in clinical isolates of Candida albicans. Biochemical and Biophysical Research Communications, 2007, 352, 491-497.	2.1	12
24	Pregnane and Xenobiotic Receptor gene expression in liver cells is modulated by Ets-1 in synchrony with transcription factors Pax5, LEF-1 and c-jun. Experimental Cell Research, 2015, 330, 398-411.	2.6	10
25	Analyzing the role of CagV, a VirB8 homolog of the type IV secretion system of Helicobacter pylori. FEBS Open Bio, 2017, 7, 915-933.	2.3	10
26	Molecular typing and in vitro fluconazole susceptibility of Candida species isolated from diabetic and nondiabetic women with vulvovaginal candidiasis in India. Journal of Microbiology, Immunology and Infection, 2011, 44, 166-171.	3.1	8
27	C-terminal domain of CagX is responsible for its interaction with CagT protein of Helicobacter pylori type IV secretion system. Biochemical and Biophysical Research Communications, 2015, 456, 98-103.	2.1	7
28	The global regulator Ncb2 escapes from the core promoter and impacts transcription in response to drug stress in Candida albicans. Scientific Reports, 2017, 7, 46084.	3.3	7
29	Transcriptional Regulation of Mouse PXR Gene: An Interplay of Transregulatory Factors. PLoS ONE, 2012, 7, e44126.	2.5	6
30	Biochemical characterization of the HelicobacterÂpylori Cagâ€type IV secretion system unique component CagU. FEBS Letters, 2017, 591, 500-512.	2.8	6
31	CagW, a VirB6 homologue interacts with Cag-type IV secretion system substrate CagA in Helicobacter pylori. Biochemical and Biophysical Research Communications, 2019, 515, 712-718.	2.1	6
32	Identification and interplay of sequence specific DNA binding proteins involved in regulation of human Pregnane and Xenobiotic Receptor gene. Experimental Cell Research, 2015, 339, 187-196.	2.6	5
33	[22] Protein-protein interactions of DNA-binding proteins: Studies on replication initiator protein, RepA, of plasmid P1. Methods in Molecular Genetics, 1995, , 400-420.	0.6	3
34	Molecular characterization and polyclonal antibody generation against core component CagX protein ofHelicobacter pyloritype IV secretion system. Bioengineered, 2014, 5, 107-113.	3.2	2