

Bhupender Singh

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

453
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug-target binding quantitatively predicts optimal antibiotic dose levels in quinolones. PLoS Computational Biology, 2020, 16, e1008106.	3.2	11
2	Flagella-mediated secretion of a novel Vibrio cholerae cytotoxin affecting both vertebrate and invertebrate hosts. Communications Biology, 2018, 1, 59.	4.4	43
3	A drag force interpolation model for capsule-shaped cells in fluid flows near a surface. Microbiology (United Kingdom), 2018, 164, 483-494.	1.8	4
4	Antibodies Damage the Resilience of Fimbriae, Causing Them To Be Stiff and Tangled. Journal of Bacteriology, 2017, 199, .	2.2	12
5	Detecting Bacterial Surface Organelles on Single Cells Using Optical Tweezers. Langmuir, 2016, 32, 4521-4529.	3.5	17
6	Antibody-mediated disruption of the mechanics of CS20 fimbriae of enterotoxigenic Escherichia coli. Scientific Reports, 2015, 5, 13678.	3.3	11
7	Adhesion Pili from Enterotoxigenic Escherichia coli Share Similar Biophysical Properties Despite Their Different Assembly Pathways. Microscopy and Microanalysis, 2015, 21, 915-916.	0.4	0
8	Biomechanical and Structural Features of CS2 Fimbriae of Enterotoxigenic Escherichia coli. Biophysical Journal, 2015, 109, 49-56.	0.5	20
9	Structure and function of enterotoxigenic <i>Escherichia coli</i> fimbriae from differing assembly pathways. Molecular Microbiology, 2015, 95, 116-126.	2.5	24
10	Organization of Ribosomes and Nucleoids in Escherichia coli Cells during Growth and in Quiescence. Journal of Biological Chemistry, 2014, 289, 11342-11352.	3.4	76
11	Asymmetric growth and division in <i>Mycobacterium</i> spp.: compensatory mechanisms for non-medial septa. Molecular Microbiology, 2013, 88, 64-76.	2.5	75
12	P-fimbriae in the presence of anti-PapA antibodies: new insight of antibodies action against pathogens. Scientific Reports, 2013, 3, 3393.	3.3	20
13	Growth, cell division and sporulation in mycobacteria. Antonie Van Leeuwenhoek, 2010, 98, 165-177.	1.7	23
14	Sporulation in mycobacteria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10781-10786.	7.1	87
15	<i>Helicobacter pylori</i> single-stranded DNA binding protein – functional characterization and modulation of <i>H. pylori</i> DnaB helicase activity. FEBS Journal, 2009, 276, 519-531.	4.7	17
16	Pregnancy rates in repeat-breeder heifers following multiple artificial inseminations during spontaneous oestrus. Acta Veterinaria Scandinavica, 2005, 46, 1.	1.6	13