

# Bhupender Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/303537/publications.pdf>

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	Sporulation in mycobacteria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10781-10786.	7.1	87
2	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
3	Asymmetric growth and division in <i>Mycobacterium</i> spp.: compensatory mechanisms for non-medial septa. Molecular Microbiology, 2013, 88, 64-76.	2.5	75
4	Flagella-mediated secretion of a novel Vibrio cholerae cytotoxin affecting both vertebrate and invertebrate hosts. Communications Biology, 2018, 1, 59.	4.4	43
5	Structure and function of enterotoxigenic <i>Escherichia coli</i> fimbriae from differing assembly pathways. Molecular Microbiology, 2015, 95, 116-126.	2.5	24
6	Growth, cell division and sporulation in mycobacteria. Antonie Van Leeuwenhoek, 2010, 98, 165-177.	1.7	23
7	P-fimbriae in the presence of anti-PapA antibodies: new insight of antibodies action against pathogens. Scientific Reports, 2013, 3, 3393.	3.3	20
8	Biomechanical and Structural Features of CS2 Fimbriae of Enterotoxigenic Escherichia coli. Biophysical Journal, 2015, 109, 49-56.	0.5	20
9	<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
10	Detecting Bacterial Surface Organelles on Single Cells Using Optical Tweezers. Langmuir, 2016, 32, 4521-4529.	3.5	17
11	Pregnancy rates in repeat-breeder heifers following multiple artificial inseminations during spontaneous oestrus. Acta Veterinaria Scandinavica, 2005, 46, 1.	1.6	13
12	Antibodies Damage the Resilience of Fimbriae, Causing Them To Be Stiff and Tangled. Journal of Bacteriology, 2017, 199, .	2.2	12
13	Antibody-mediated disruption of the mechanics of CS20 fimbriae of enterotoxigenic Escherichia coli. Scientific Reports, 2015, 5, 13678.	3.3	11
14	Drug-target binding quantitatively predicts optimal antibiotic dose levels in quinolones. PLoS Computational Biology, 2020, 16, e1008106.	3.2	11
15	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
16	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