Yogitha N Srikhanta

List of Publications by Year
in descending order

37 papers	2,507 citations	218677 26 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	2298 citing authors

#	Article	IF	Citations
1	Translocation and dissemination of commensal bacteria in post-stroke infection. Nature Medicine, 2016, 22, 1277-1284.	30.7	313
2	The phasevarion: A genetic system controlling coordinated, random switching of expression of multiple genes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5547-5551.	7.1	191
3	Phasevarions Mediate Random Switching of Gene Expression in Pathogenic Neisseria. PLoS Pathogens, 2009, 5, e1000400.	4.7	170
4	The phasevarion: phase variation of type III DNA methyltransferases controls coordinated switching in multiple genes. Nature Reviews Microbiology, 2010, 8, 196-206.	28.6	170
5	Accumulation of manganese in Neisseria gonorrhoeae correlates with resistance to oxidative killing by superoxide anion and is independent of superoxide dismutase activity. Molecular Microbiology, 2001, 40, 1175-1186.	2.5	145
6	The genetic basis of the phase variation repertoire of lipopolysaccharide immunotypes in Neisseria meningitidis The GenBank accession number for the sequence reported in this paper is U65788.. Microbiology (United Kingdom), 1999, 145, 3013-3021.	1.8	122
7	A biphasic epigenetic switch controls immunoevasion, virulence and niche adaptation in non-typeable Haemophilus influenzae. Nature Communications, 2015, 6, 7828.	12.8	117
8	Phasevarion Mediated Epigenetic Gene Regulation in Helicobacter pylori. PLoS ONE, 2011, 6, e27569.	2.5	116
9	Genetic characterization of pilin glycosylation and phase variation in Neisseria meningitidis. Molecular Microbiology, 2003, 49, 833-847.	2.5	112
10	Identification of a novel gene involved in pilin glycosylation in Neisseria meningitidis. Molecular Microbiology, 1998, 29, 975-984.	2.5	106
11	Haemophilus influenzae phasevarions have evolved from type III DNA restriction systems into epigenetic regulators of gene expression. Nucleic Acids Research, 2007, 35, 5242-5252.	14.5	83
12	Genetic characterization of pilin glycosylation in Neisseria meningitidis The GenBank accession number for the sequence determined in this work is AF014804.. Microbiology (United Kingdom), 2000, 146, 967-979.	1.8	82
13	Characterization of the OxyR regulon of Neisseria gonorrhoeae. Molecular Microbiology, 2007, 63, 54-68.	2.5	81
14	PerR controls Mn-dependent resistance to oxidative stress in Neisseria gonorrhoeae. Molecular Microbiology, 2006, 60, 401-416.	2.5	69
15	Epigenetic Regulation of Virulence and Immunoevasion by Phase-Variable Restriction-Modification Systems in Bacterial Pathogens. Annual Review of Microbiology, 2020, 74, 655-671.	7.3	50
16	Identification and characterisation of a novel conserved outer membrane protein fromNeisseria meningitidis. FEMS Immunology and Medical Microbiology, 2000, 28, 329-334.	2.7	44
17	Selection for Phase Variation of LOS Biosynthetic Genes Frequently Occurs in Progression of Non-Typeable Haemophilus influenzae Infection from the Nasopharynx to the Middle Ear of Human Patients. PLoS ONE, 2014, 9, e90505.	2.5	43
18	Phase variation in meningococcal lipooligosaccharide biosynthesis genes. FEMS Immunology and Medical Microbiology, 2002, 34, 267-275.	2.7	40

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19	Phase variable type III restriction-modification systems of host-adapted bacterial pathogens. Molecular Microbiology, 2007, 65, 1375-1379.	2.5	40
20	Manganese regulation of virulence factors and oxidative stress resistance in Neisseria gonorrhoeae. Journal of Proteomics, 2010, 73, 899-916.	2.4	38
21	Origin of the Diversity in DNA Recognition Domains in Phasevarion Associated modA Genes of Pathogenic Neisseria and Haemophilus influenzae. PLoS ONE, 2012, 7, e32337.	2.5	38
22	ModA2 Phasevarion Switching in NontypeableHaemophilus influenzaeIncreases the Severity of Experimental Otitis Media. Journal of Infectious Diseases, 2016, 214, 817-824.	4.0	38
23	Characterization of an ntrX Mutant of Neisseria gonorrhoeae Reveals a Response Regulator That Controls Expression of Respiratory Enzymes in Oxidase-Positive Proteobacteria. Journal of Bacteriology, 2013, 195, 2632-2641.	2.2	36
24	Methylomic and phenotypic analysis of the ModH5 phasevarion of Helicobacter pylori. Scientific Reports, 2017, 7, 16140.	3.3	35
25	Distribution of the type III DNA methyltransferases modA, modB and modD among Neisseria meningitidis genotypes: implications for gene regulation and virulence. Scientific Reports, 2016, 6, 21015.	3.3	32
26	The glycointeractome of serogroup B Neisseria meningitidis strain MC58. Scientific Reports, 2017, 7, 5693.	3.3	30
27	Advanced age promotes colonic dysfunction and gutâ€derived lung infection after stroke. Aging Cell, 2019, 18, e12980.	6.7	30
28	Cephamycins inhibit pathogen sporulation and effectively treat recurrent Clostridioides difficile infection. Nature Microbiology, 2019, 4, 2237-2245.	13.3	27
29	Distinct physiological roles for the two l-asparaginase isozymes of Escherichia coli. Biochemical and Biophysical Research Communications, 2013, 436, 362-365.	2.1	26
30	Positive Autoregulation ofmrkHIby the Cyclic Di-GMP-Dependent MrkH Protein in the Biofilm Regulatory Circuit of Klebsiella pneumoniae. Journal of Bacteriology, 2015, 197, 1659-1667.	2.2	24
31	Phasevarion-Regulated Virulence in the Emerging Pediatric Pathogen Kingella kingae. Infection and Immunity, 2017, 85, .	2.2	24
32	Control of Acid Resistance Pathways of Enterohemorrhagic Escherichia coli Strain EDL933 by PsrB, a Prophage-Encoded AraC-Like Regulator. Infection and Immunity, 2015, 83, 346-353.	2.2	11
33	Control of Bacterial Virulence by the RalR Regulator of the Rabbit-Specific Enteropathogenic Escherichia coli Strain E22. Infection and Immunity, 2013, 81, 4232-4243.	2.2	8
34	Evaluation of Truncated NhhA Protein as a Candidate Meningococcal Vaccine Antigen. PLoS ONE, 2013, 8, e72003.	2.5	8
35	RegR Virulence Regulon of Rabbit-Specific Enteropathogenic Escherichia coli Strain E22. Infection and Immunity, 2013, 81, 1078-1089.	2.2	7
36	Reply to: Caution is warranted in using cephamycin antibiotics against recurrent Clostridioides difficile infection. Nature Microbiology, 2020, 5, 237-238.	13.3	1

#	Article	IF	Citations
37	Phasevarions: an Emerging Paradigm in Epigenetic Gene Regulation in Host-Adapted Mucosal Pathogens. , 0, , 156-170.		0