Malvika Sharan

List of Publications by Year
in descending order

13 papers	**866** citations	933447 **10** h-index	1125743 **13** g-index
17 all docs	**17** docs citations	**17** times ranked	**1568** citing authors

#	Article	IF	Citations
1	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. Genome Biology, 2016, 17, 184.	8.8	308
2	RNA target profiles direct the discovery of virulence functions for the cold-shock proteins CspC and CspE. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6824-6829.	7.1	110
3	<i>Chlamydia</i> preserves the mitochondrial network necessary for replication via microRNA-dependent inhibition of fission. Journal of Cell Biology, 2017, 216, 1071-1089.	5.2	102
4	Functional high-throughput screening identifies the miR-15 microRNA family as cellular restriction factors for Salmonella infection. Nature Communications, 2014, 5, 4718.	12.8	92
5	Ten Simple Rules for Organizing an Unconference. PLoS Computational Biology, 2015, 11, e1003905.	3.2	69
6	Cell differentiation defines acute and chronic infection cell types in Staphylococcus aureus. ELife, 2017, 6, .	6.0	59
7	A systematic analysis of the RNA-targeting potential of secreted bacterial effector proteins. Scientific Reports, 2017, 7, 9328.	3.3	25
8	Functional screenings reveal different requirements for host microRNAs in Salmonella and Shigella infection. Nature Microbiology, 2020, 5, 192-205.	13.3	25
9	APRICOT: an integrated computational pipeline for the sequence-based identification and characterization of RNA-binding proteins. Nucleic Acids Research, 2017, 45, e96-e96.	14.5	22
10	Analysis of host microRNA function uncovers a role for miR-29b-2-5p in Shigella capture by filopodia. PLoS Pathogens, 2017, 13, e1006327.	4.7	20
11	Centering inclusivity in the design of online conferences—An OHBM—Open Science perspective. GigaScience, 2021, 10, .	6.4	14
12	morFeus: a web-based program to detect remotely conserved orthologs using symmetrical best hits and orthology network scoring. BMC Bioinformatics, 2014, 15, 263.	2.6	9
13	Ten simple rules for establishing a mentorship programme. PLoS Computational Biology, 2022, 18, e1010015.	3.2	4