

# Sanjay Vashee

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

3,991  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation of a Bacterial Cell Controlled by a Chemically Synthesized Genome. <i>Science</i> , 2010, 329, 52-56.	12.6	2,177
2	Creating Bacterial Strains from Genomes That Have Been Cloned and Engineered in Yeast. <i>Science</i> , 2009, 325, 1693-1696.	12.6	289
3	Sequence-independent DNA binding and replication initiation by the human origin recognition complex. <i>Genes and Development</i> , 2003, 17, 1894-1908.	5.9	256
4	The Human Microbiome and Cancer. <i>Cancer Prevention Research</i> , 2017, 10, 226-234.	1.5	230
5	Cloning whole bacterial genomes in yeast. <i>Nucleic Acids Research</i> , 2010, 38, 2558-2569.	14.5	156
6	Assembly of the Human Origin Recognition Complex. <i>Journal of Biological Chemistry</i> , 2001, 276, 26666-26673.	3.4	135
7	MIB is a mycoplasma system that captures and cleaves immunoglobulin G. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5406-5411.	7.1	97
8	Antibodies elicited by SARS-CoV-2 infection or mRNA vaccines have reduced neutralizing activity against Beta and Omicron pseudoviruses. <i>Science Translational Medicine</i> , 2022, 14, eabn7842.	12.4	92
9	Impact of donor-recipient phylogenetic distance on bacterial genome transplantation. <i>Nucleic Acids Research</i> , 2016, 44, 8501-8511.	14.5	60
10	In-Yeast Engineering of a Bacterial Genome Using CRISPR/Cas9. <i>ACS Synthetic Biology</i> , 2016, 5, 104-109.	3.8	55
11	Genome-wide engineering of an infectious clone of herpes simplex virus type 1 using synthetic genomics assembly methods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8885-E8894.	7.1	53
12	TREC-IN: gene knock-in genetic tool for genomes cloned in yeast. <i>BMC Genomics</i> , 2014, 15, 1180.	2.8	34
13	Galactofuranose in <i>Mycoplasma mycoides</i> is important for membrane integrity and conceals adhesins but does not contribute to serum resistance. <i>Molecular Microbiology</i> , 2016, 99, 55-70.	2.5	34
14	Cloning, Assembly, and Modification of the Primary Human Cytomegalovirus Isolate Toledo by Yeast-Based Transformation-Associated Recombination. <i>MSphere</i> , 2017, 2, .	2.9	32
15	Removal of a Subset of Non-essential Genes Fully Attenuates a Highly Virulent Mycoplasma Strain. <i>Frontiers in Microbiology</i> , 2019, 10, 664.	3.5	31
16	Bacterial genome reduction using the progressive clustering of deletions via yeast sexual cycling. <i>Genome Research</i> , 2015, 25, 435-444.	5.5	27
17	Contagious Bovine and Caprine Pleuropneumonia: a research community's recommendations for the development of better vaccines. <i>Npj Vaccines</i> , 2020, 5, 66.	6.0	23
18	High quality draft genomes of the <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> challenge strains Afad and B237. <i>Standards in Genomic Sciences</i> , 2015, 10, 89.	1.5	21

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19	In vivo role of capsular polysaccharide in <i>Mycoplasma mycoides</i> . <i>Journal of Infectious Diseases</i> , 2019, 219, 1559-1563.	4.0	21
20	Synergistic Activation of Transcription by Physiologically Unrelated Transcription Factors through Cooperative DNA-Binding. <i>Biochemical and Biophysical Research Communications</i> , 1998, 247, 530-535.	2.1	20
21	Synthetic genomics: potential and limitations. <i>Current Opinion in Biotechnology</i> , 2012, 23, 659-665.	6.6	19
22	The Evolution of RecD Outside of the RecBCD Complex. <i>Journal of Molecular Evolution</i> , 2009, 69, 360-371.	1.8	18
23	Efficient size-independent chromosome delivery from yeast to cultured cell lines. <i>Nucleic Acids Research</i> , 2017, 45, gkw1252.	14.5	18
24	Genome Engineering of the Fast-Growing <i>Mycoplasma feriruminatoris</i> toward a Live Vaccine Chassis. <i>ACS Synthetic Biology</i> , 2022, 11, 1919-1930.	3.8	16
25	Budding yeast as a factory to engineer partial and complete microbial genomes. <i>Current Opinion in Systems Biology</i> , 2020, 24, 1-8.	2.6	13
26	Evidence for the Cytoplasmic Localization of the L-Glycerophosphate Oxidase in Members of the <i>Mycoplasma mycoides</i> Cluster. <i>Frontiers in Microbiology</i> , 2019, 10, 1344.	3.5	12
27	Rapid CRISPR/Cas9 Editing of Genotype IX African Swine Fever Virus Circulating in Eastern and Central Africa. <i>Frontiers in Genetics</i> , 2021, 12, 733674.	2.3	12
28	A Type III restriction modification system in <i>Mycoplasma mycoides</i> subsp. <i>capri</i> . <i>Open Biology</i> , 2012, 2, 120115.	3.6	10
29	Complete Genome Sequence of <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> T1/44, a Vaccine Strain against Contagious Bovine Pleuropneumonia. <i>Genome Announcements</i> , 2016, 4, .	0.8	9
30	Attenuation of a Pathogenic <i>Mycoplasma</i> Strain by Modification of the <i>obg</i> Gene by Using Synthetic Biology Approaches. <i>MSphere</i> , 2019, 4, .	2.9	9
31	Cross-Genus "Boot-Up" of Synthetic Bacteriophage in <i>Staphylococcus aureus</i> by Using a New and Efficient DNA Transformation Method. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0148621.	3.1	6
32	Rapid and efficient in vitro excision of BAC sequences from herpesvirus genomes using Cre-mediated recombination. <i>Journal of Virological Methods</i> , 2018, 261, 67-70.	2.1	2
33	Complete Genome Sequence of Broad-Host-Range <i>Staphylococcus aureus</i> Myophage ESa1. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
34	Complete Genome Sequence of <i>Staphylococcus aureus</i> Phage SA75, Isolated from Goat Feces. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1