Jessica Vamathevan

List of Publications by Year
in descending order

10 papers	3,233 citations	1163117 8 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	5140 citing authors

#	Article	IF	Citations
1	Applications of machine learning in drug discovery and development. Nature Reviews Drug Discovery, 2019, 18, 463-477.	46.4	1,358
2	Phylogenomics of the Reproductive Parasite Wolbachia pipientis wMel: A Streamlined Genome Overrun by Mobile Genetic Elements. PLoS Biology, 2004, 2, e69.	5.6	713
3	The complete genome sequence of *Chlorobium tepidum* TLS, a photosynthetic, anaerobic, green-sulfur bacterium. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9509-9514.	7.1	362
4	Open Targets: a platform for therapeutic target identification and validation. Nucleic Acids Research, 2017, 45, D985-D994.	14.5	355
5	Secrets of Soil Survival Revealed by the Genome Sequence of Arthrobacter aurescens TC1. PLoS Genetics, 2006, 2, e214.	3.5	213
6	GA4GH: International policies and standards for data sharing across genomic research and healthcare. Cell Genomics, 2021, 1, 100029.	6.5	94
7	The challenges of designing a benchmark strategy for bioinformatics pipelines in the identification of antimicrobial resistance determinants using next generation sequencing technologies. F1000Research, 2018, 7, 459.	1.6	31
8	The challenges of designing a benchmark strategy for bioinformatics pipelines in the identification of antimicrobial resistance determinants using next generation sequencing technologies. F1000Research, 2018, 7, 459.	1.6	24
9	Biomolecular Data Resources: Bioinformatics Infrastructure for Biomedical Data Science. Annual Review of Biomedical Data Science, 2019, 2, 199-222.	6.5	8
10	Molecular biology for green recovery—A call for action. PLoS Biology, 2022, 20, e3001623.	5.6	5