Shiran Abadi

List of Publications by Year
in descending order

9 papers	3,481 citations	1040056 9 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	7010 citing authors

#	Article	IF	Citations
1	Harnessing machine learning to guide phylogenetic-tree search algorithms. Nature Communications, 2021, 12, 1983.	12.8	20
2	<scp>COVID</scp> â€‘19 pandemicâ€‘related lockdown: response time is more important than its strictness. EMBO Molecular Medicine, 2020, 12, e13171.	6.9	31
3	ModelTeller: Model Selection for Optimal Phylogenetic Reconstruction Using Machine Learning. Molecular Biology and Evolution, 2020, 37, 3338-3352.	8.9	30
4	Prediction of synonymous corrections by the BE-FF computational tool expands the targeting scope of base editing. Nucleic Acids Research, 2020, 48, W340-W347.	14.5	13
5	Model selection may not be a mandatory step for phylogeny reconstruction. Nature Communications, 2019, 10, 934.	12.8	266
6	CRISPys: Optimal sgRNA Design for Editing Multiple Members of a Gene Family Using the CRISPR System. Journal of Molecular Biology, 2018, 430, 2184-2195.	4.2	18
7	A machine learning approach for predicting CRISPR-Cas9 cleavage efficiencies and patterns underlying its mechanism of action. PLoS Computational Biology, 2017, 13, e1005807.	3.2	147
8	ConSurf 2016: an improved methodology to estimate and visualize evolutionary conservation in macromolecules. Nucleic Acids Research, 2016, 44, W344-W350.	14.5	2,395
9	The Chromosome Counts Database (<scp>CCDB</scp>) â€" a community resource of plant chromosome numbers. New Phytologist, 2015, 206, 19-26.	7.3	561