

Niema Moshiri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8238959/publications.pdf>

Version: 2024-02-01

15
papers

507
citations

1307594

7
h-index

1281871

11
g-index

28
all docs

28
docs citations

28
times ranked

698
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Timing the SARS-CoV-2 index case in Hubei province. <i>Science</i> , 2021, 372, 412-417. | 12.6 | 109 |
| 2 | TreeCluster: Clustering biological sequences using phylogenetic trees. <i>PLoS ONE</i> , 2019, 14, e0221068. | 2.5 | 99 |
| 3 | Ten simple rules for writing and sharing computational analyses in Jupyter Notebooks. <i>PLoS Computational Biology</i> , 2019, 15, e1007007. | 3.2 | 86 |
| 4 | ViralMSA: massively scalable reference-guided multiple sequence alignment of viral genomes. <i>Bioinformatics</i> , 2021, 37, 714-716. | 4.1 | 55 |
| 5 | FAVITES: simultaneous simulation of transmission networks, phylogenetic trees and sequences. <i>Bioinformatics</i> , 2019, 35, 1852-1861. | 4.1 | 45 |
| 6 | GenieHD: Efficient DNA Pattern Matching Accelerator Using Hyperdimensional Computing. , 2020, , . | | 34 |
| 7 | TreeSwift: A massively scalable Python tree package. <i>SoftwareX</i> , 2020, 11, 100436. | 2.6 | 23 |
| 8 | Accelerators for Classical Molecular Dynamics Simulations of Biomolecules. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 4047-4069. | 5.3 | 15 |
| 9 | A Two-State Model of Tree Evolution and Its Applications to Alu Retrotransposition. <i>Systematic Biology</i> , 2018, 67, 475-489. | 5.6 | 5 |
| 10 | HIV Care Prioritization Using Phylogenetic Branch Length. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 626-637. | 2.1 | 5 |
| 11 | NiemaGraphGen: A memory-efficient global-scale contact network simulation toolkit. <i>GigaByte</i> , 0, 2022, 1-11. | 0.0 | 2 |
| 12 | An Evaluation of Phylogenetic Workflows in Viral Molecular Epidemiology. <i>Viruses</i> , 2022, 14, 774. | 3.3 | 2 |
| 13 | FPGA Acceleration of Protein Back-Translation and Alignment. , 2021, , . | | 1 |
| 14 | Ten simple rules for attending your first conference. <i>PLoS Computational Biology</i> , 2021, 17, e1009133. | 3.2 | 1 |
| 15 | SEPIA: simulation-based evaluation of prioritization algorithms. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 177. | 3.0 | 0 |