

Gene Myers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10517689/publications.pdf>

Version: 2024-02-01

13
papers

3,506
citations

1039880

9
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

3950
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Suffix Arrays: A New Method for On-Line String Searches. SIAM Journal on Computing, 1993, 22, 935-948. | 0.8 | 1,468 |
| 2 | Accurate circular consensus long-read sequencing improves variant detection and assembly of a human genome. Nature Biotechnology, 2019, 37, 1155-1162. | 9.4 | 1,010 |
| 3 | A fast bit-vector algorithm for approximate string matching based on dynamic programming. Journal of the ACM, 1999, 46, 395-415. | 1.8 | 342 |
| 4 | Interplay of cell dynamics and epithelial tension during morphogenesis of the Drosophila pupal wing. ELife, 2015, 4, e07090. | 2.8 | 290 |
| 5 | Efficient Local Alignment Discovery amongst Noisy Long Reads. Lecture Notes in Computer Science, 2014, , 52-67. | 1.0 | 130 |
| 6 | Monitoring single-cell gene regulation under dynamically controllable conditions with integrated microfluidics and software. Nature Communications, 2018, 9, 212. | 5.8 | 105 |
| 7 | Why bioimage informatics matters. Nature Methods, 2012, 9, 659-660. | 9.0 | 74 |
| 8 | Error Tolerant Indexing and Alignment of Short Reads with Covering Template Families. Journal of Computational Biology, 2010, 17, 1397-1411. | 0.8 | 23 |
| 9 | The genome of the tegu lizard <i>Salvator merianae</i> : combining Illumina, PacBio, and optical mapping data to generate a highly contiguous assembly. GigaScience, 2018, 7, . | 3.3 | 23 |
| 10 | DENTIST” using long reads for closing assembly gaps at high accuracy. GigaScience, 2022, 11, . | 3.3 | 13 |
| 11 | A Table-Driven, Full-Sensitivity Similarity Search Algorithm. Journal of Computational Biology, 2003, 10, 103-117. | 0.8 | 9 |
| 12 | A highly contiguous genome assembly of the bat hawkmoth <i>Hyles vesperilio</i> (Lepidoptera: Sphingidae). GigaScience, 2020, 9, . | 3.3 | 8 |
| 13 | Crowd sourcing image segmentation with iaSTAPLE. , 2017, , . | | 6 |