

# Gene Myers

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

2,200  
citations

9  
h-index

14  
g-index

14  
ext. papers

2,920  
ext. citations

9.9  
avg, IF

5.04  
L-index

#	Paper	IF	Citations
14	Suffix Arrays: A New Method for On-Line String Searches. <i>SIAM Journal on Computing</i> , <b>1993</b> , 22, 935-948	1.1	1064
13	Accurate circular consensus long-read sequencing improves variant detection and assembly of a human genome. <i>Nature Biotechnology</i> , <b>2019</b> , 37, 1155-1162	44.5	427
12	A fast bit-vector algorithm for approximate string matching based on dynamic programming. <i>Journal of the ACM</i> , <b>1999</b> , 46, 395-415	2	252
11	Interplay of cell dynamics and epithelial tension during morphogenesis of the Drosophila pupal wing. <i>ELife</i> , <b>2015</b> , 4, e07090	8.9	192
10	Efficient Local Alignment Discovery amongst Noisy Long Reads. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 52-67	0.9	96
9	Why bioimage informatics matters. <i>Nature Methods</i> , <b>2012</b> , 9, 659-60	21.6	59
8	Monitoring single-cell gene regulation under dynamically controllable conditions with integrated microfluidics and software. <i>Nature Communications</i> , <b>2018</b> , 9, 212	17.4	57
7	Error tolerant indexing and alignment of short reads with covering template families. <i>Journal of Computational Biology</i> , <b>2010</b> , 17, 1397-1411	1.7	18
6	The genome of the tegu lizard <i>Salvator merianae</i> : combining Illumina, PacBio, and optical mapping data to generate a highly contiguous assembly. <i>GigaScience</i> , <b>2018</b> , 7,	7.6	15
5	A table-driven, full-sensitivity similarity search algorithm. <i>Journal of Computational Biology</i> , <b>2003</b> , 10, 103-17	1.7	9
4	A highly contiguous genome assembly of the bat hawkmoth <i>Hyles vespertilio</i> (Lepidoptera: Sphingidae). <i>GigaScience</i> , <b>2020</b> , 9,	7.6	4
3	Crowd sourcing image segmentation with iaSTAPLE <b>2017</b> ,		4
2	Author response: Interplay of cell dynamics and epithelial tension during morphogenesis of the Drosophila pupal wing <b>2015</b> ,		2
1	DENTIST-using long reads for closing assembly gaps at high accuracy.. <i>GigaScience</i> , <b>2022</b> , 11,	7.6	1