

Nae-Chyun Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4378265/publications.pdf>

Version: 2024-02-01

12
papers

1,373
citations

1937685

4
h-index

2272923

4
g-index

18
all docs

18
docs citations

18
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	The complete sequence of a human genome. <i>Science</i> , 2022, 376, 44-53.	12.6	1,222
2	FORGe: prioritizing variants for graph genomes. <i>Genome Biology</i> , 2018, 19, 220.	8.8	59
3	Reference flow: reducing reference bias using multiple population genomes. <i>Genome Biology</i> , 2021, 22, 8.	8.8	44
4	Adaptively Banded Smith-Waterman Algorithm for Long Reads and Its Hardware Accelerator. , 2018, , .		15
5	LevioSAM: fast lift-over of variant-aware reference alignments. <i>Bioinformatics</i> , 2021, 37, 4243-4245.	4.1	7
6	A Memory-Efficient FM-Index Constructor for Next-Generation Sequencing Applications on FPGAs. , 2018, , .		3
7	Power efficient special processor design for burrows-wheeler-transform-based short read sequence alignment. , 2015, , .		2
8	Queue-based segmentation algorithm for refining depth maps in light field camera applications. , 2016, , .		1
9	A special processor design for Nucleotide Basic Local Alignment Search Tool with a new Banded two-hit method. , 2016, , .		1
10	Step shift: A fast image segmentation algorithm and its hardware implementation for next-generation sequencing fluorescence data. , 2016, , .		0
11	An FPGA-based quality filter for de novo sequence assembly pipeline. , 2016, , .		0
12	A Hybrid Flow for Multiple Sequence Alignment with a BLASTn Based Pairwise Alignment Processor. , 2018, , .		0