

Mohammed Alser

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

346
citations

1478505

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1872680

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9
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9
docs citations

9
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	GRIM-Filter: Fast seed location filtering in DNA read mapping using processing-in-memory technologies. BMC Genomics, 2018, 19, 89.	2.8	92
2	Technology dictates algorithms: recent developments in read alignment. Genome Biology, 2021, 22, 249.	8.8	51
3	Shouji: a fast and efficient pre-alignment filter for sequence alignment. Bioinformatics, 2019, 35, 4255-4263.	4.1	44
4	Accelerating Genome Analysis: A Primer on an Ongoing Journey. IEEE Micro, 2020, 40, 65-75.	1.8	41
5	GenASM: A High-Performance, Low-Power Approximate String Matching Acceleration Framework for Genome Sequence Analysis. , 2020, , .		37
6	FPGA-Based Near-Memory Acceleration of Modern Data-Intensive Applications. IEEE Micro, 2021, 41, 39-48.	1.8	36
7	NATSA: A Near-Data Processing Accelerator for Time Series Analysis. , 2020, , .		24
8	SneakySnake: a fast and accurate universal genome pre-alignment filter for CPUs, GPUs and FPGAs. Bioinformatics, 2021, 36, 5282-5290.	4.1	19