Mohammed Alser

List of Publications by Year
in descending order

8	346	1478505	1872680
papers	citations	6	6
		h-index	g-index

9	9	9	162
all docs	docs citations	times ranked	citing authors

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