Qeios

Peer Review

Review of: "Improve the Performance of Search Processes in Large Linked Lists using Multi-threading and Caching Techniques"

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This is not a scientific paper; this paper is on the level of a simple semestral project. There is only one "contribution": Algorithm 2.

This parallelization of the search in the fixed linked list is obvious.

Authors overlook the initial overhead.

For repeated searches in the large fixed linked list, the following approach is better:

1) convert the linked list into array A,

2) sort the array A,

3) search in the array by binary search.

Any implementation details are missing.

Comparison with other libraries or approaches is missing.

Declarations

Potential competing interests: No potential competing interests to declare.